

MPC1000 JJ OS2XL

■ This manual is written only about the function added by JJ OS.
Please refer to the manual of AKAI for the basic function of MPC.

**When you change OS, please switch on a power supply, pressing the ERASE button first.
Please press the ERASE button until a main screen is displayed.
If this operation is not performed, MPC may freeze or it may crash.**

When the reaction of a DATA wheel is slow or cannot change the value of one step, please change the set of the "Data Wheel Type" field of OTHER.

Usually, MPC in which Ver2.12 or less AKAI OS was installed selects 1.

MPC in which Ver2.13 was installed selects 2.

If OS is changed, this set will return to default setting"2".



[Refer to video of user offer.](#)

Note

Please be sure to carry out contrast adjustment of LCD, and sensitivity adjustment of PAD first.

Note

The contrast of LCD should turn a DATA wheel, pressing the [STOP] button.

Moreover, if a DATA wheel is turned pressing [SHIFT] or the [TAP TEMPO] button, change of a value will increase 10 times.

Note

When [FULL LEVEL] button is ON (the LED is lit), the velocity of MIDI IN NOTE is also set to FULL LEVEL.

Note

NOTE REPEAT does not work to MIDI keyboard.

Note

The data of 16 LEVELS of AKAI OS, OS1, and OS2 is not reflected.

Moreover, 16 levels made with OS2XL do not work in AKAI OS, OS1, and OS2

Note

An audio track is skipped when a track is changed during the recording of a sequence.

The type of a track cannot be changed during playback or recording. (Also in a grid, it is the same)

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1. About the relation between a PAD number and a sequence note number.

At AKAI OS, JJ-OS-Ver3.12, JJ-OS1, and JJ-OS2, the note number of a PAD number pair sequence is as follows by the default.

```
PAD NOTE
A01<-->37
A02<-->36
A03<-->42
|
D16<-->98
```

The program has this conversion table.

This conversion table can be rewritten by the user.

This is development of software with the big burden. The PAD pair sequence note number of OS2XL is fixation.

```
PAD NOTE
A01<-->36
A02<-->37
A03<-->38
|
D16<-->99
```

It was produced by old OS. When a sequence is loaded to OS2XL, the note number of a sequence is changed as follows.

In this case, MIDI OUT The note number carried out will also change.

In the case of TRACK TYPE = DRUM

```
[ OLD OS ]--> [ OS2XL ]
NOTE:PAD    PAD:NOTE
37:A01-----> A01:36
36:A02-----> A02:37
42:A03-----> A03:38
82:A04-----> A04:39
```

If a PAD number is changed without changing a note number, PAD will come apart.

It becomes impossible to use a program. When the type of a track is MIDI, the note number of a sequence remains as it is.

Therefore, a note pair PAD number is as follows.

Although MIDI OUT is normal, the pronunciation of an internal sound source comes apart.

In the case of TRACK TYPE = MIDI.

```
[ OLD OS ]--> [ OS2XL ]
PAD NOTE    NOTE PAD
A01:37-----> 37:A02
A02:36-----> 36:A01
A03:42-----> 42:A07
A04:82-----> 82:C15
```

If a note number is changed without changing a PAD number, a note will come apart.

It becomes impossible to use a sequence.

2. It is possible to load the sequence produced by OS2XL and a program by AKAI OS, JJ-OS-Ver3.12, JJ-OS1, and JJ-OS2.

But there is an incompatible portion.

Example.

Main screen.

TYPE (DRUM, MIDI, AUDIO) is not displayed normally.

PROGRAM.

The value of AMP Velocity->Attack will change. (AKAI OS, Ver3.12 and OS1) .

SEQUENCE.

There is not compatibility of a note variation and Q-LINK real-time data.

3. Q-Link slider will not work, if the AFTER key is not ON (the LED is lit).

Moreover, please turn OFF (the LED is turned off) the AFTER key,

When the AFTER key is ON (the LED is lit), the note variation data currently recorded is not played back.

In addition, behavior of CUTOFF was changed.

OLD OS is a value of value + Q-Link of a program.

OS2XL does not use the value of a program.

Only the value of Q-Link is used.

4. The function which is in AKAI OS and is not in JJ OS2XL

[SAVE/LOAD]

Cannot do the save/load to an internal memory

[PROGRAM]

There is not [MODE]+PAD7.

Sample layer 4

AMP Velocity =>Attack

AMP Velocity =>START

PITCH Velocity =>Pitch

Filter Time

Filter Amount

Filter Velocity =>Time

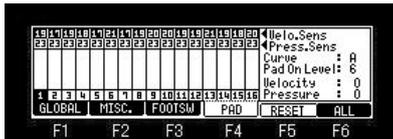
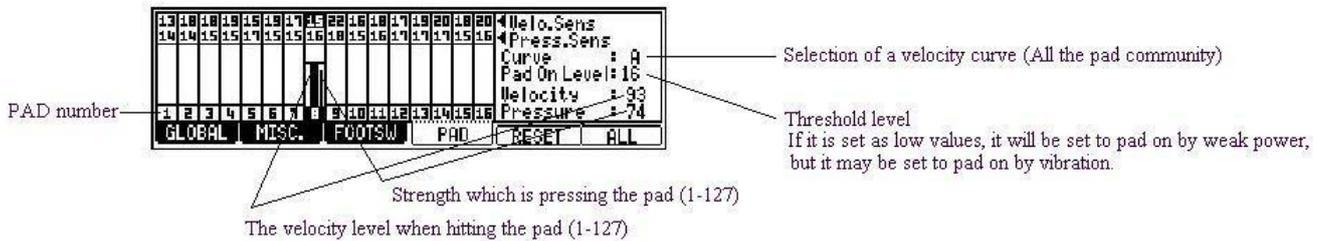
Filter Velocity =>Amount

Filter Velocity =>Frequency

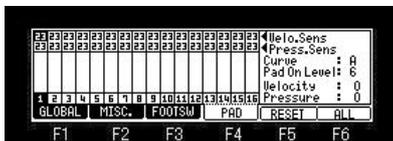
Adjustment of Pads Sensitivity

- If F4 (PAD) button is pressed on the screen of [MODE]+PAD10 (OTHER), it will become the mode which adjusts the sensitivity of a pads.

Please adjust velocity sensitivity so that the same value is displayed, when a pad is hit by the same strength.
If the value of sensitivity is enlarged, even if it will hit a pad weakly, the value of a large velocity is acquired easily.
If the value of pressure sensitivity is too large, the effect of After touch will decrease.



If F6 (ALL) button is pressed, the sensitivity of all the pads can be changed at once.



If F5 (RESET) button is pressed, the sensitivity of all the pads will become a default value (23).
(The default value of MPC2500 is 20.)

Name Edit

- If a DATA wheel is turned in the name field or F3 (RENAME) button is pressed in the window of a sample list, it is the edit mode of a name.



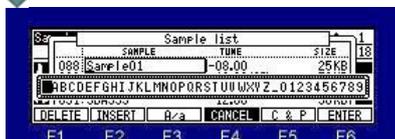
If F3 (RENAME) button is pressed, it will become the edit mode of a name.



If the \blacktriangleleft cursor button is pressed, it will become a small letter input mode.



If the \blacktriangleup cursor button is pressed, it will return to a capital letter input mode.



Please choose the character to set by a DATA wheel. (A character can also be set by hitting a pad.)

Movement of blink cursor can be performed by \blacktriangleleft or \blacktriangleright cursor button.

■ DELETE, INSERT, A/a

DELETE

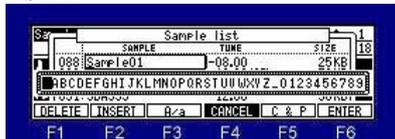


The character on the cursor which will blink if F1 (DELETE) button is pressed is deleted.

(A figure is a state which leftmost "S" is blinking.)



INSERT



A space (underline) enters before the cursor which will blink if F2 (INSERT) button is pressed.

(A figure is a state which leftmost "S" is blinking.)

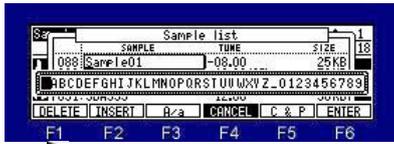


A/a

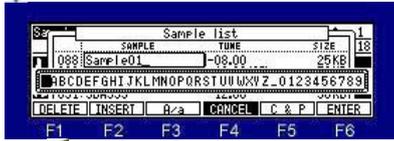


The character on the cursor which will blink if F3 (A/a) button is pressed is changed into a capital letter or a small letter.

(A figure is a state which leftmost "S" is blinking.)

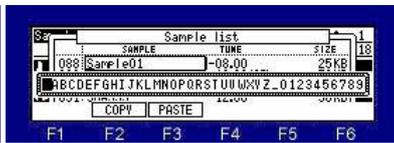
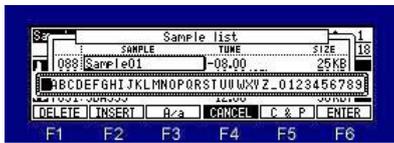


If the cursor button is pressed, pressing the [SHIFT] button, blink cursor will be moved to the last of a name.



If the cursor button is pressed, pressing the [SHIFT] button, blink cursor will be moved to the first of a name.

COPY&PASTE



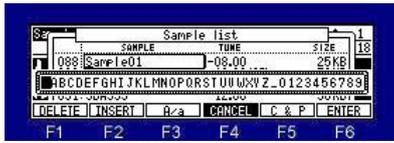
It will become COPY&PASTE mode if F5 (C&P) button is pressed.

If F2 (COPY) button is pressed holding F5 (C&P) button, the name currently displayed will be copied to a clipboard.

In the case of the above figure, "Sample01" is copied to a clipboard.

Paste presses F3 (PASTE) button, holding F5 (C&P) button.

The following example is a procedure which pastes "Sample01" of a sample name on a new folder name.

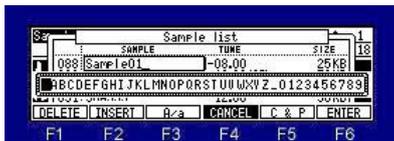


Please press F2 (COPY) button, holding F5 (C&P) button.

"Sample01" is copied to a clipboard.



Completion of a copy will move blink cursor to the last of a name.



F6 (ENTER) button is pressed and name edit mode is terminated.



F4 (NEW) button is pressed in save mode.



Please press F3 (PASTE) button, holding F5 (C&P) button.



SPLASH SCREENS

If the BMP file of the following conditions is in the ROOT of CF card or HDD,
the bmp picture will be displayed at the time of MPC starting.
Please use for the display of a user name, a band name, etc.

[Refer to video which the user created.](#)

The conditions of a BMP file

File Name: mpc1000.bmp
Size : 240W X 64H (pixels)
Color: Monochrome (Bitmap, 1 bit)

Sample file: [mpc1000.bmp](#)(3KB)

Please copy the made BMP file to the ROOT of CF card or HDD.

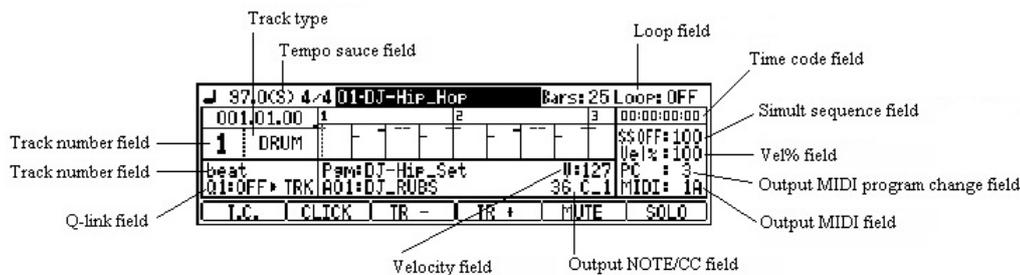


The picture of BMP is displayed from next MPC starting.

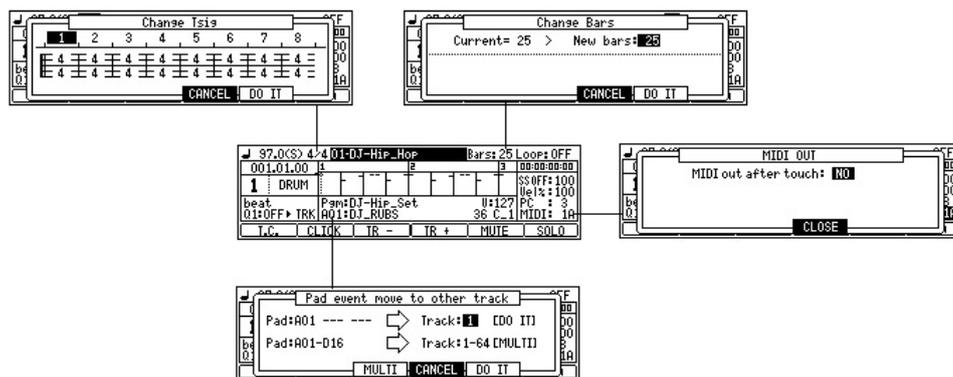


Splash Screens of a sample

Main Screen



Track number field	The number of the active track is displayed.
Track name field	The name of the active track is displayed.
Track type field	The type of the active track is displayed.
Q-link field	Please refer to " Q-link of a main screen ".
Tempo source field	Please refer to " Selecting a tempo source ".
Loop field	Please refer to " Loop setting of a sequence ".
Velocity field	The value of the velocity of the hit pad or NOTE IN NOTE is displayed.
Output NOTE/CC field	Please refer to " Setting of pads to midi out NOTE/CC ".
Time code field	Time code is displayed. (Hour: Minutes: Seconds: Frame) Please refer to " MMC-MTC-CLOCK " for a time code.
Simult sequence field	Please refer to " Simult sequence ".
Vel% field	Allows you to adjust the Velocity ratio on the selected Track while the sequence is playing. Adjust the Velocity ratio by turning the DATA wheel from 1% to 200%. Changing the "Vel%" has no effect while recording sequence data, it will only effect the playback of a sequence. If the velocity is set to 127 (maximum), any setting over 100% will have no effect.
Output MIDI program change field	Please refer to " Output Midi Program Change ".
Output MIDI field	The output MIDI channel and output port of the selected track are displayed.



Change Tsig	It is a window which sets the time signature of the sequence. 4/4 is set by the default.
Change Bars	It is a window which changes the number of the bars of a sequence.
MIDI OUT	If "YES" is select, the poly pressure will be outputted by the after touch of a pad. When a program is "INST", a channel pressure is outputted by the after touch of a pad.
Pad event move to other track	Please refer to " Movement of pad events ".

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Indicator

It is displayed when INPUT THRU is ON.

97.0(S)	4/4	01-DJ-Hip_Hop	Bars:25	Loop:OFF
001.01.00	I	IN:THRU	I	00000000
1	DRUM			SSOFF:100
beat	Pgm:DJ-Hip_Set			Vel%:100
01:OFF	AO1:DJ_RUBS			PC :OFF
				MIDI:OFF
I.C.	CLICK	TR -	TR +	MUTE
				SOLO

Indicator field

97.0(S)	4/4	01-DJ-Hip_Hop	Bars:25	Loop:OFF
001.01.00	I		I	00000000
1	DRUM			SSOFF:100
beat	Pgm:DJ-Hip_Set			Vel%:100
01:OFF	AO1:DJ_RUBS			PC :OFF
				MIDI:OFF
I.C.	CLICK	TR -	TR +	MUTE
				SOLO

97.0(S)	4/4	01-DJ-Hip_Hop	Bars:25	Loop:OFF
001.01.45	I		I	00000001
1	DRUM			SSOFF:100
beat	Pgm:DJ-Hip_Set			Vel%:100
01:OFF	AO1:DJ_RUBS			PC :OFF
				MIDI:OFF
I.C.	CLICK	TR -	TR +	MUTE
				SOLO

When MIDI CLOCK is transmitted, "OUT : CLK" and an output port are displayed on the right side indicator field.

(EXT)(S)	4/4	01-DJ-Hip_Hop	Bars:25	Loop:OFF
001.01.91	I	IN:CLK SYNC	I	00000014
1	DRUM			SSOFF:100
beat	Pgm:DJ-Hip_Set			Vel%:100
01:OFF	AO1:DJ_RUBS			PC :OFF
				MIDI:OFF
I.C.	CLICK	TR -	TR +	MUTE
				SOLO

When MIDI CLOCK is received, "IN : CLK SYNC" is displayed on the left side indicator field.

97.0(S)	4/4	01-DJ-Hip_Hop	Bars:25	Loop:OFF
001.04.00	I	IN:CLK	I	00000124
1	DRUM			SSOFF:100
beat	Pgm:DJ-Hip_Set			Vel%:100
01:OFF	AO1:DJ_RUBS			PC :OFF
				MIDI:OFF
I.C.	CLICK	TR -	TR +	MUTE
				SOLO

When it stops while receiving MIDI CLOCK, "IN : CLK" is displayed on the left side indicator field.

97.0(S)	4/4	01-DJ-Hip_Hop	Bars:25	Loop:OFF
001.01.45	I		I	00000006
1	DRUM			SSOFF:100
beat	Pgm:DJ-Hip_Set			Vel%:100
01:OFF	AO1:DJ_RUBS			PC :OFF
				MIDI:OFF
I.C.	CLICK	TR -	TR +	MUTE
				SOLO

When MIDI TIME CODE is transmitted, "OUT : MTC" and an output port are displayed on the right side indicator field.

97.0(S)	4/4	01-DJ-Hip_Hop	Bars:25	Loop:OFF
001.02.12	I	IN:MTC SYNC	I	00000021
1	DRUM			SSOFF:100
beat	Pgm:DJ-Hip_Set			Vel%:100
01:OFF	AO1:DJ_RUBS			PC :OFF
				MIDI:OFF
I.C.	CLICK	TR -	TR +	MUTE
				SOLO

When MIDI TIME CODE is received, "IN : MTC SYNC" is displayed on the left side indicator field.

97.0(S)	4/4	01-DJ-Hip_Hop	Bars:25	Loop:OFF
001.02.64	I	IN:MTC	I	00000100
1	DRUM			SSOFF:100
beat	Pgm:DJ-Hip_Set			Vel%:100
01:OFF	AO1:DJ_RUBS			PC :OFF
				MIDI:OFF
I.C.	CLICK	TR -	TR +	MUTE
				SOLO

When it stops while receiving MIDI TIME CODE, "IN : MTC" is displayed on the left side indicator field.

97.0(S)	4/4	01-DJ-Hip_Hop	Bars:25	Loop:OFF
003.03.52	I	CC TO EFFECT	I	00000613
1	DRUM			SSOFF:100
beat	Pgm:DJ-Hip_Set			Vel%:100
01:OFF	AO1:DJ_RUBS			PC :OFF
				MIDI:OFF
I.C.	CLICK	TR -	TR +	MUTE
				SOLO

When the MIDI controller currently assigned to the parameter of the effect is operated, "CC TO EFFECT" is displayed on the left side indicator field.

Refer to ["The value of the parameter of an effect is controllable by a MIDI controller"](#) for the method of assigning a MIDI controller to the parameter of an effect.

97.0(S)	4/4	01-DJ-Hip_Hop	Bars:25	Loop:OFF
001.02.05	I	CC TO EFFECT	I	00000615
1	DRUM			SSOFF:100
beat	Pgm:DJ-Hip_Set			Vel%:100
01:OFF	AO1:DJ_RUBS			PC :OFF
				MIDI:OFF
I.C.	CLICK	TR -	TR +	MUTE
				SOLO

When the value of the parameter of an effect is changed by CC currently recorded on the sequence, "CC TO EFFECT" is displayed on the right side indicator field.

97.0(S)	4/4	01-DJ-Hip_Hop	Bars:25	Loop:OFF
001.03.60	I	CC PAD MIXER	I	00000115
1	DRUM			SSOFF:100
beat	Pgm:DJ-Hip_Set			Vel%:100
01:OFF	AO1:DJ_RUBS			PC :OFF
				MIDI:OFF
I.C.	CLICK	TR -	TR +	MUTE
				SOLO

When the MIDI controller currently assigned to the pads is operated, "CC PAD MIXER" is displayed on the left side indicator field.

Refer to ["A mixer is controllable by a MIDI controller"](#) for the method of assigning a MIDI controller to the mixer of pad or a track.

97.0(S)	4/4	01-DJ-Hip_Hop	Bars:25	Loop:OFF
001.03.60	I	CC TRK MIXER	I	00000135
1	DRUM			SSOFF:100
beat	Pgm:DJ-Hip_Set			Vel%:100
01:OFF	AO1:DJ_RUBS			PC :OFF
				MIDI:OFF
I.C.	CLICK	TR -	TR +	MUTE
				SOLO

When the MIDI controller currently assigned to the mixer of the track is operated, "CC TRK MIXER" is displayed on the left side indicator field.

97.0(S)	4/4	01-DJ-Hip_Hop	Bars:25	Loop:OFF	97.0(S)	4/4	01-DJ-Hip_Hop	Bars:25	Loop:OFF
001.03.60	I	MULTI RX:--	I	00000135	001.04.10	I	MULTI RX:1	I	00000135
1	DRUM			SSOFF:100	1	DRUM			SSOFF:100
beat	Pgm:DJ-Hip_Set			Vel%:100	beat	Pgm:DJ-Hip_Set			Vel%:100
01:OFF	AO1:DJ_RUBS			PC :OFF	01:OFF	AO1:DJ_RUBS			PC :OFF
				MIDI:OFF					MIDI:OFF
I.C.	CLICK	TR -	TR +	MUTE	I.C.	CLICK	TR -	TR +	MUTE
				SOLO					SOLO

When a multi timbre is ON, "MULTI RX : --" is displayed on the left side indicator field.

A right side number is the channel received.

Please refer to a "[Multi timbre](#)" for a multi timbre.

Basic operation in a main screen

The contrast of a screen can turn and adjust a DATA wheel, pressing the [STOP] button.

Please close the window without "CLOSE" by the [WINDOW] button. (Common to all the modes)

Regardless of the position of cursor, change of a track can be performed by a DATA wheel, holding MODE button.

Regardless of the position of cursor, change of a sequence can be performed by a DATA wheel, holding the [NEXT SEQ] button. (It cannot do during recording and playback)

If a pad is hit holding the SHIFT button, the pad carries out a note repeat and, moreover, will be held.

A note repeat is continued until a pad is hit once again.

This function works only with the main screen.

Note

Two or more pads cannot be held.

Selection of a track can be performed if PAD is hit holding Q2 AFTER button.

For example, a track 12 will be select if PAD12 is hit holding Q2 AFTER button (in the case of BANK A)

When LOOP is set up, if the [PLAY START] key is pressed, it will play from the first bar of a loop.

When the [PLAY START] key is pressed, pressing the [STOP] key, it play from a bar 1.

Refer for detailed explanation here. ▶

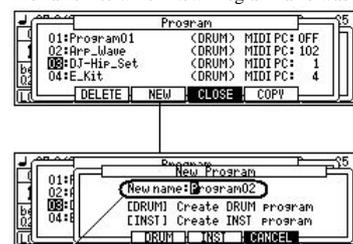
Q-Link slider will not work, if the AFTER key is not ON (the LED is lit).

Moreover, please turn OFF (the LED is turned off) the AFTER key, when the sequence on which note variation data is recorded is playback.

When the type of a track is an audio track, the AFTER key does not work.

Moreover, a slider does not work during recording by an audio track.

The name into which New Program name was edited at the last is displayed by a default.



The name edited at the last is memorized.

Pitch bend and the modulation wheel of a MIDI controller are effective against the sample of MPC. [Refer to video.](#)

When a multi timbre is OFF, it works only on an active track.

MIDI IN CC#2 or #74 work to Filter Cutoff.

MIDI IN CC#71 works to Filter Resonance.

It is added to the value of a program as 0-127=0-100, and is pronounced. (The value of a program is not changed)

For example, when it is the value 50 of a program, and the value 31 of CC, a value is pronounced as 75.

When it is the value 20 of a program, and the value 31 of CC, a value is pronounced as 45.

When it is the value 30 of a program, and the value 127 of CC, a value is pronounced as 100.

When it is the value 0 of a program, and the value 64 of CC, a value is pronounced as 50.

When it is the value 0 of a program, and the value 127 of CC, a value is pronounced as 100.

When a multi timbre is OFF, it works only on an active track.



Setups of the present system can be saved by the file name of "MPC1 K_SETUPS.SYS". (MPC2500 is "MPC25 K_SETUPS.SYS")

If OS is changed, setups of a system will return to a default value.

It will return to former setups by loading this file.



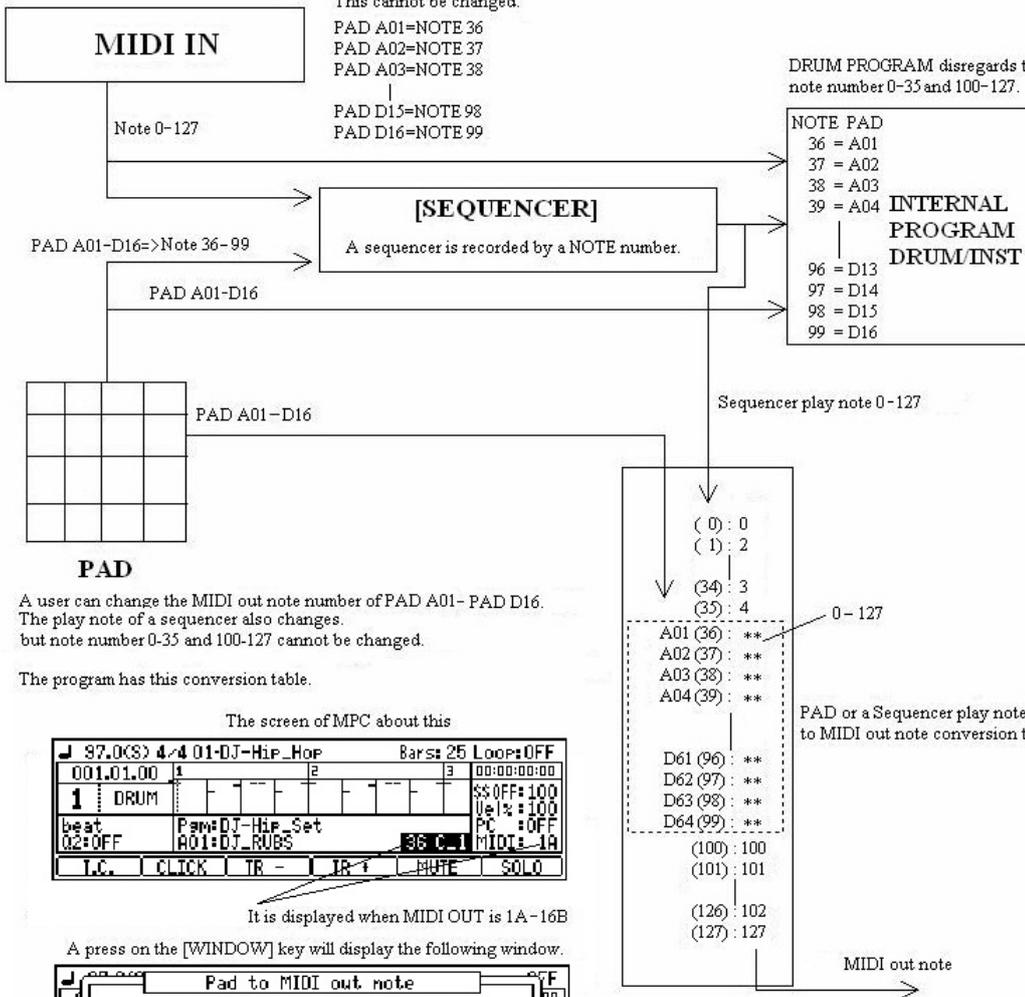
A file name cannot be changed.

It will not be able to read, if changed.

Relation between a PAD number and a note number

Inside MPC, PAD number A01-D16 is the note number 36-99.
 This cannot be changed.
 PAD A01=NOTE 36
 PAD A02=NOTE 37
 PAD A03=NOTE 38
 PAD D15=NOTE 98
 PAD D16=NOTE 99

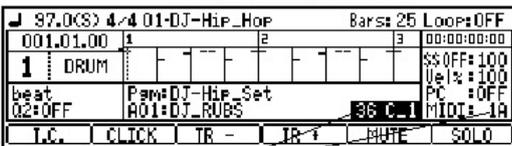
DRUM PROGRAM disregards the note number 0-35 and 100-127.



A user can change the MIDI out note number of PAD A01- PAD D16.
 The play note of a sequencer also changes.
 but note number 0-35 and 100-127 cannot be changed.

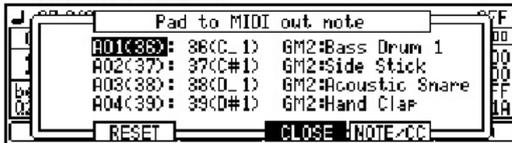
The program has this conversion table.

The screen of MPC about this

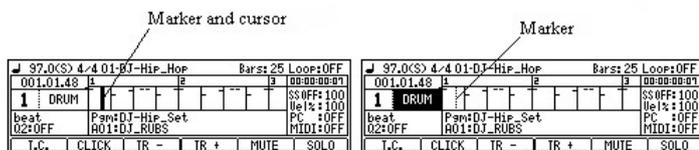


It is displayed when MIDI OUT is 1A-16B

A press on the [WINDOW] key will display the following window.



Main Grid



If the [OVER DUB] button is ON (the LED is lit) when cursor is in a grid, it will become the edit mode of a grid.



All the pads (A01-D16) of the cursor position are the targets of edit.

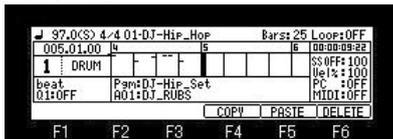
Copy of event



Please select the copy region by a DATA wheel, pressing F4 (COPY) button.

When F4 (COPY) button is released, it is the completion of a copy.

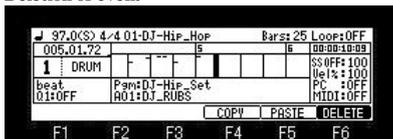
Paste of event



Please move cursor to the location which you want to paste, and press F5 (PASTE) button.



Deletion of event



If a DATA wheel is turned pressing F6 (DELETE) button, the event which the marker passed will be deleted.

Events is deleted on real time. (When recording by OVER DUB+PLAY START)



When you delete a specific pad event, please press a pad, pressing the ERASE button.

For example, if PAD A01 is pressed pressing the ERASE button, the event of PAD A01 while pressing will be deleted.

If F1 (A BAR) button is pressed, all the events of the bar on marker will be deleted.

If F6 (ALL PAD) button is pressed, the pad event of all (A01-D16) on marker will be deleted.



If the [WINDOW] button is pressed when cursor is in a grid, the window of "GRID Options" will open.

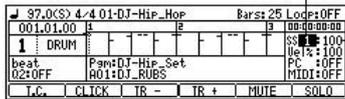
Please refer to "[movement of a pad event](#)" for F2 (PadMove).

Step sound:	If you select ON, the event of a marker position will be sounded when a marker passes.
Auto step increment:	If you select YES, after inputting an event by the pad, a vertical marker moves to the right automatically.
Duration:	AS PLAYED: The length which is pushing the pad is inputted into the value of duration. TC VALUE: Regardless of the length which is pushing the pad, a fixed value is inputted according to the value of timing correct.

Simult Sequence

- Two sequences can be played simultaneously.

Please move cursor to the "SS" field and choose a sequence (sequence number) to make it play simultaneously.



Level(0-200) of a Simult Sequence
Please adjust level if needed.

If the [WINDOW] key is pressed when cursor is in the "SS" field, the window of "Sequence list" will open.



Notes

- The sequence chosen by "SS" continues sounding, even if F6 (SOLO) button is pressed.
- It is played back even if an audio track is during recording.
- A loop works as LOOP ALL altogether regardless of a setup.
- It does not work in song mode.
- A tempo change and mute events are disregarded.

Output Midi Program Change

■ There are the two methods of outputting a program change.

1. It records in STEP EDIT mode as a sequence event.
In this case, it will be outputted if a sequence is played.

2. It sets on a main screen as a parameter of a track.
In this case, it is outputted when the [PLAY START] button is pressed.



A program change is not outputted when PC field is "OFF."

Even if it plays a sequence, the program change currently recorded as a sequence event is not outputted, either.



If a DATA wheel is turned to the right when PC field is OFF, "SEQ" will be displayed on the right of PC.

If a sequence is played in this state, the program change recorded as a sequence event will be outputted.

The number on the right side of PC field is Program Change number currently recorded on the sequence.

The program change number will be displayed if the program change is recorded within 384Tick (1 bar) of the beginning of a sequence.

When it is not found within 384Tick (1 Bar), "---" displayed.



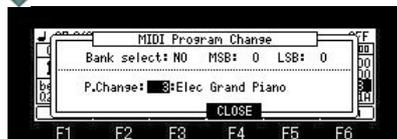
When a DATA wheel is turned in PC field and only the program change number is displayed, the program change currently displayed is outputted.

The program change currently displayed if the [PLAY START] button is pressed is outputted.

Moreover, it is outputted also when a program change number is changed.

Even if it plays a sequence in this state, the program change currently recorded as a sequence event is not outputted.

If the [WINDOW] button is pressed when cursor is in PC field, the window of "MIDI Program Change" will open.



When the Bank select field is "YES", the value of MSB and LSB of BANK SELECT is outputted.

If the [PLAY START] button is pressed, it will be outputted together with a program change.

Moreover, it is outputted, when a value is changed, or when a program change number is changed.

Pad to midi out NOTE/CC

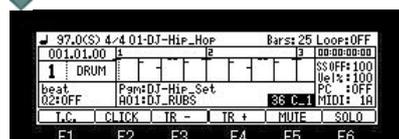
■ Setting of the MIDI note outputted when the pad is hit.



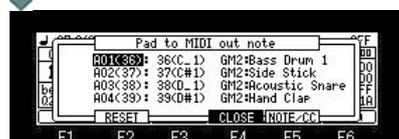
If cursor is moved to the MIDI field and it select except OFF, a note will be displayed on the right of a sample name.



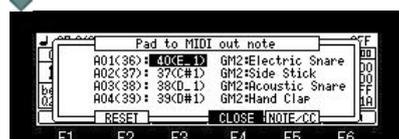
Please move cursor to the note field.



If the [WINDOW] button is pressed, a "Pad to MIDI out note" window will open.



Please choose a note number to output when cursor is moved to the note field and a pad is hit.

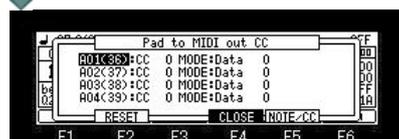


If a pad A01 is hit in the case of the above figure, 40(E_1) of a note will be outputted.

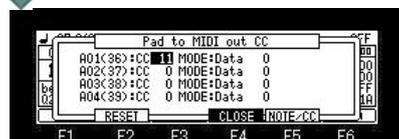
When you want to output a control change



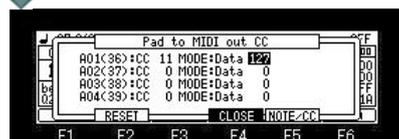
If F5(NOTE/CC) button is pressed, it will change to the setting window of a control change.



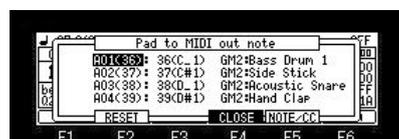
Please choose a control change number to output when cursor is moved to CC field and a pad is hit.



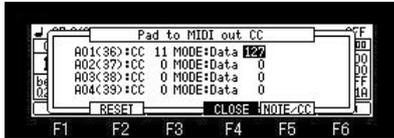
Please move cursor to the Data field and set a value.



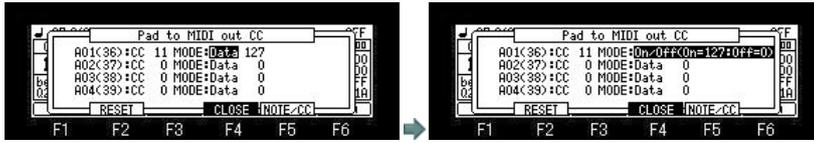
If a pad A01 is hit in the case of the above figure, a control change 11 will be outputted with the value of 127.



When the "Pad to MIDI out note" window is open, if F4(CLOSE) button is pressed, it will become note output mode.



When the "Pad to MIDI out CC" window is open, if F4(CLOSE) button is pressed, it will become control change output mode.



When On/Off (On=127:Off=0) is select in the MODE field, if a pad is pressed, CC will be outputted with a value 127, and if a pad is released, CC will be outputted with a value 0. In the case of the above figure, if a pad A01 is pressed, a control change 11 will be outputted with the value of 127, and if a pad is released, a control change 11 will be outputted with the value of 0.

Notes

It does not work to the target pad of Simult.

When it is in "Pad to MIDI out CC" mode, it is not sounded even if it hit pads.

Moreover, even if the recording in the case of being this mode hit pads, a pad event is not recorded but only MIDI CC is recorded.



It displays, when the note is outputted.



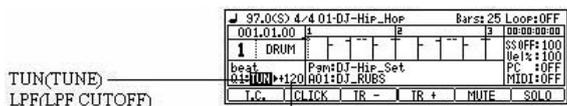
It displays, when the control change is outputted.

The program has memorized a setting in this window.

Therefore, when you want to save this setting, please save a program.

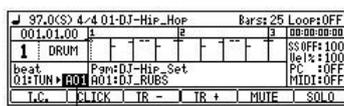
Q-Link (Main)

■ A setup of Q-Link can be performed on a main screen.

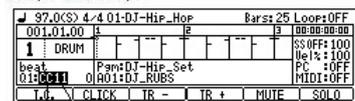


- TUN(TUNE)
- LPF(LPF CUTOFF)
- BPF(BPF CUTOFF)
- HPF(HPF CUTOFF)
- LYR(LAYER)
- ATK(ATTACK)
- DCY(DECAY)
- STR(SAMPLE START)
- END(SAMPLE END)
- CHP(CHOP)
- VEL(VELOCITY)
- TEMPO
- CC**(MIDI-CC)
- LVL(LEVEL)
- PAN
- L>P(LFO>PITCH)
- L>F(LFO>FILTR)
- L>L(LFO>LEVEL)
- L.S(LFO SPEED)

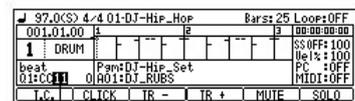
Present value



The pad with which the present slider is working is displayed. When "TRK" is displayed, it is working on the track.

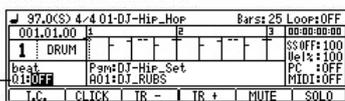


MIDI-CC 0-127

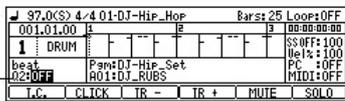


If the right cursor key is pressed, change of a control change number can be performed by a DATA wheel.
If the left cursor key is pressed, cursor will return to a former state.

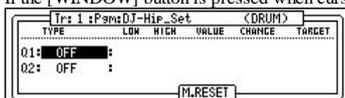
Q1 will be displayed if Q1 slider is moved.



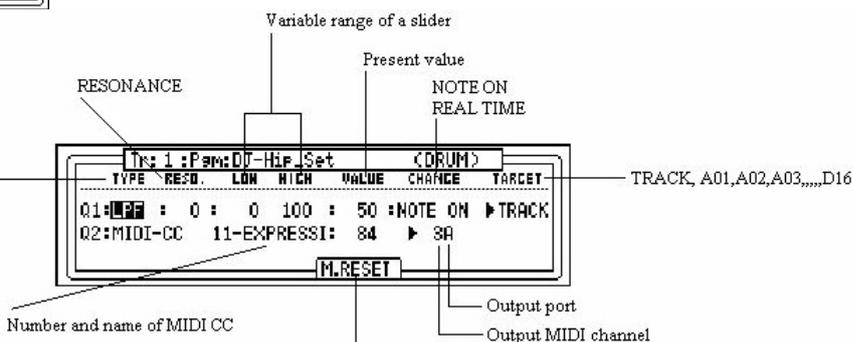
Q2 will be displayed if Q1 slider is moved.



If the [WINDOW] button is pressed when cursor is in the Q-Link field, the window of Q-Link will open.



- TUNE
- LPF(LPF CUTOFF)
- BPF(BPF CUTOFF)
- HPF(HPF CUTOFF)
- LAYER
- ATTACK
- DECAY
- S START(SAMPLE START)
- S END(SAMPLE END)
- CHOP(NOTE ON)
- VELOCITY
- TEMPO(REAL TIME)
- MIDI-CC(MIDI CONTROL CHANGE)
- LEVEL
- PAN
- LFO>PITCH(REAL TIME)
- LFO>FILTR(REAL TIME)
- LFO>LEVEL(REAL TIME)
- LFO SPEED(REAL TIME)



"MIDI RESET ALL CONTROLLERS" is outputted to Ports A and B by a channel 1-16.

Tr: 1 : Psm:DJ-Hip_Set (DRUM)

TYPE	LOW	HIGH	VALUE	CHANGE	TARGET
Q1:LFO>PITCH :Speed: 53 : 20				TRIANGLE	▶ TRACK
Q2:LFO>SPEED : 0 100 : 53					▶ TRACK

M.RESET

Value here is changed SPEED(RATE)

Waveform selection of LFO

TRIANGLE SINE SQUARE SAW SAW DOWN RANDOM

TYPE:	The parameter controlled with a slider is chosen. MIDI-CC outputs a control change.
CHANGE:	Selection of NOTE ON or REAL TIME The parameters which use this selection are only TUNE, LPF, BPF, HPF, LEVEL, and PAN. NOTE ON The setting value of the Q-LINK slider at hitting the pad affects to the sound. If you change the QLINK slider while the sound is playing back, the sound will not be changed. REAL TIME If you change the Q-LINK slider while the sound is playing backs, the sound will be changed.
RESONANCE:	The parameters which use this setup are only LPF, BPF, and HPF.

Notes
In LFO>FILTR, when FILTER of a program is OFF, it works as Frequency 50 Resonance 80 of LPF.
A setup of a program is used when FILTER of the program is set up.

Q	TYPE	FREQ	RESO	F.FIL	A.	S.	R.	WFM	FILTR	FRM	RES
Q01	LPF	50	44	0	0	0	0	0	OFF	---	---
Q02	LPF	35	18	0	0	0	0	0	OFF	---	---
Q03	LPF	35	18	0	0	0	0	0	OFF	---	---
Q04	OFF	---	---	---	---	---	---	---	OFF	---	---

SAMPLE | HHP | FILTER | PITCH | LFO>MUTE | OUT | FX

Two or more parameters of LFO do not work at the same time.
Only one always works.
For example, LFO>FILTR and LFO>PITCH do not work at the same time.

It cannot coexist with 16LEVELS.
Q-Link slider will not work, if the AFTER key is not ON (the LED is lit).
Moreover, please turn OFF (the LED is turned off) the AFTER key, when the sequence on which note variation data is recorded is playback.
When the AFTER key is ON (the LED is lit), the note variation data currently recorded is not played back.
Two NOTE ON cannot be set as the same TARGET.
Priority is given to set of Q2 when the same TARGET is chosen.
As for PAN and LEVEL, the value of a program is changed.
Therefore, the changed value is reflected in the screen of MIXER.
[Refer to video.](#)

Behavior of CUTOFF
OLD OS is a value of value + Q-Link of a program.
OS2XL does not use the value of a program.
Only the value of Q-Link is used.

Explanation of the variable range of parameter S.START (SAMPLE START) and S.END(SAMPLE END).

Tr: 1 : Psm:DJ-Hip_Set (DRUM)

TYPE	LOW	HIGH	VALUE	CHANGE	TARGET
Q1:S.START			60	0	▶ A01
Q2: OFF					

M.RESET

HIGH = Variable range
When the variable range of a "Start point" is set as "HIGH = 60", the variable range becomes like a following figure.

HIGH = 100 |----- Variable range ----->|
HIGH = 60 |----- Variable range ----->|



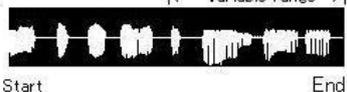
Tr: 1 : Psm:DJ-Hip_Set (DRUM)

TYPE	LOW	HIGH	VALUE	CHANGE	TARGET
Q1:S.END			50	0	▶ A01
Q2: OFF					

M.RESET

HIGH = Variable range
When the variable range of a "End point" is set as "HIGH = 50", the variable range becomes like a following figure.

HIGH = 100 |----- Variable range ----->|
HIGH = 50 |----- Variable range ----->|



CHOP

Chops is changed by slider. (0-32)

It is the Chop here.

Tr: 1 : Psm:DJ-Hip_Set (DRUM)

TYPE	LOW	HIGH	VALUE	CHANGE	TARGET
Q1: CHOP			32	0	▶ A01
Q2: OFF					

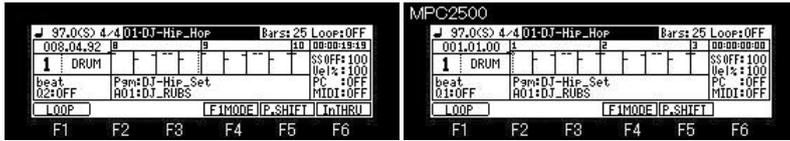
M.RESET

Sample01 -L Chop: ON 1 x 1
St:00000000 End:00239848
PsmMode Zoom In SLICE NEWPRM

Please refer to "[Non-Destructive Chop](#)" for this Chop.

Real Time Pitch Shift

■ A pitch shift can be performed on real time. (+/- 1 octave)



Please press F5 (P. SHIFT) button, pressing the [SHIFT] button on a main screen.



A pitch shift is possible on real time to the signal from a RECORD IN terminal and a DIGITAL IN terminal. (+/- 1 octave)

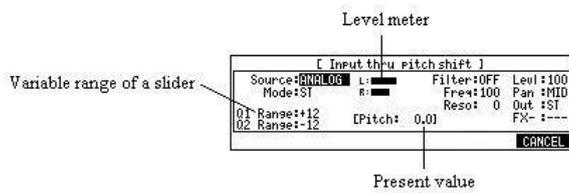
If a [REC] button is pressed, the sound by which the pitch shift was carried out can be recorded.

[STOP] or if the [REC] button is pressed once again, recording stops.

When recording is stopped, the contents of recording are kept in the memory of MPC by the file name of "Sample01" (default name).

It can carry out 0 to +1 octave variable by Q1 slider. (+1 to +12 l= half tone)

It can carry out 0 to -1 octave variable by Q2 slider. (-1 to -12 l= half tone)



If the [WINDOW] button is pressed, a "Record name" window will open.

When needed, the sample name which it has automatically can be changed.

Notes

It is only for a voice and is not suitable for musical instrument sound.

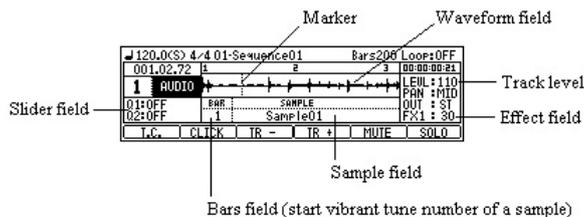
An output is slightly overdue.

It can be used only on this screen. It does not work on other screens.

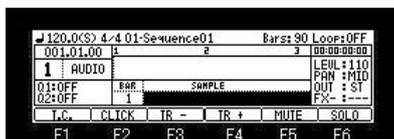
It cannot use playing a sequence, since the burden of CPU is heavy.

Audio track

■ If a type is chosen as "AUDIO" in the track type field, the track can be used as an audio track. (A maximum of 32 tracks, MONO)



■ Playing back a Sample



Please move cursor to the sample field.

Please select a sample to the sample back by a data wheel.

Selection of a sample can also be select from the window of "Sample list".

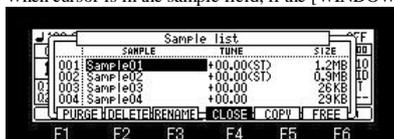
Playback of a sample will be begun if [PLAY] or the [PLAY START] button is pressed.

When the [PLAY] button is pressed, playback can be begun from the present position.

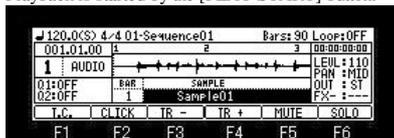
Press the [STOP] button.

Will stop playing back.

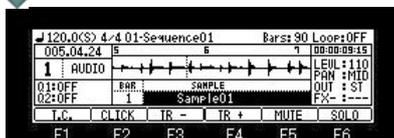
When cursor is in the sample field, if the [WINDOW] button is pressed, the window of "Sample list" will open.



Playback is started by the [PLAY START] button.



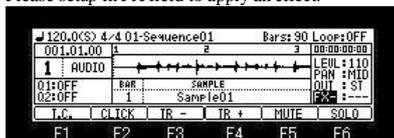
Stops by 005.04.24



If the [PLAY] button is pressed, playback will be begun from 005.04.24.

An effect, TUNE, a filter, etc. are applicable to the playback sound of a sample.

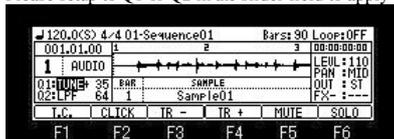
Please setup in FX field to apply an effect.



If the [WINDOW] button is pressed when cursor is in FX field, the window of "EFFECT" will open.



Please setup to Q1 or Q2 in the slider field to apply TUNE and a filter.



In the case of the above figure, the value of TUNE is controllable with Q1 slider.

The value of LPF is controllable with Q2 slider.

The parameter controllable with a slider is as follows.

TUNE

LPF(Low Pass Filter): This filter cuts out the high frequencies and passes the low frequencies.

BPF(Band Pass Filter): The filter passes the specific frequencies and cuts out the other frequencies.

HPF(High Pass Filter): This filter cuts out the low frequencies and passes the high frequencies.

EQL(Equalizer Low): Low sound is boost and cut. (This parameter is not in MPC2500)

EQH(Equalizer High): High sound is boost and cut. (This parameter is not in MPC2500)

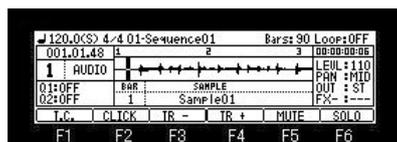
Notes

Q-Link does not work in an audio track.

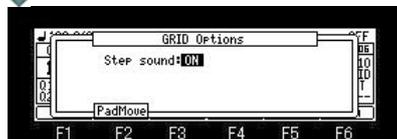
Q1 of an audio track and Q2 are not Q-link, and they only mean a slider.

Moreover, a slider does not work during recording.

In the case of a stereo sample, only the waveform of L is displayed.

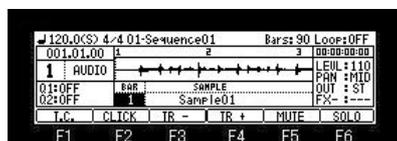
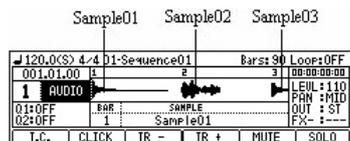


If the [WINDOW] button is pressed when cursor is in a grid, the window of "GRID Options" will open.

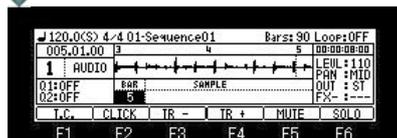


When the selection here is ON, it moves sounding the sound on cursor, while moving the cursor of the waveform field.

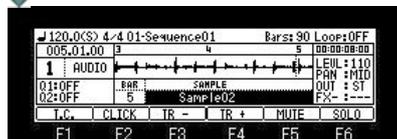
■ Samples is assignable to two or more bar positions.



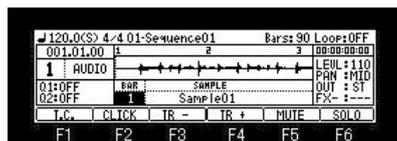
Please select the bar which moves cursor to the BAR field and assigns a sample.



Next, please move cursor to the sample field and choose the sample assigned to a bar.



In a setup of the above figure, "Sample01" is played back to the end of a bar 1 to the bar 4, and "Sample02" is played back from a bar 5.



If the [WINDOW] button is pressed when cursor is in the BAR field, the window of "Audio play list" will open.



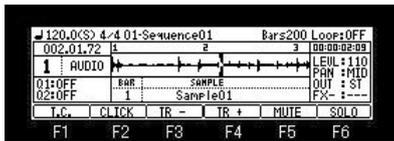
The start bar number of the sample set in the right-hand side sample field

A setup chosen if F2 (DELETE) button is pressed is deleted.



[Next page](#)

PAD LOCATE

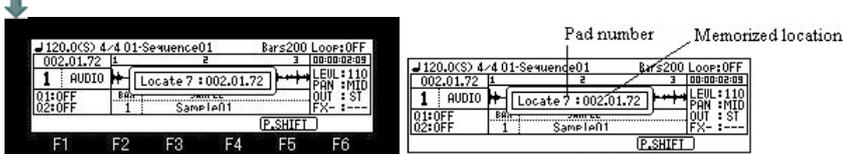


Arbitrary locations are memorizable to PAD. (PAD7-PAD16)

Please move a marker to the location to memorize, and press [SHIFT] + PAD.

If [SHIFT]+PAD is pressed during playback, the marker location at that time will be memorized by the pad.

If [SHIFT]+PAD7 is pressed in the state of the above figure, the present marker location will be memorized by PAD7.



If PAD7 is hit during playback, a marker will move to the location memorized by the pad and playback will be continued from the location.

If PAD7 is hit by the state where it has stopped, playback will be started from the location memorized by PAD7.

A memorizable pad is to PAD7-PAD16.

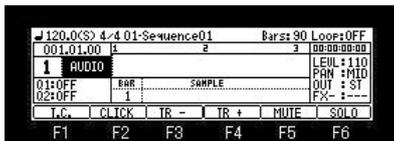
Note

Since it does not work during recording, performance using PAD LOCATE cannot be recorded.

Moreover, as shown in the following figure, the function is assigned to PAD1-PAD6. (Does not work during recording)

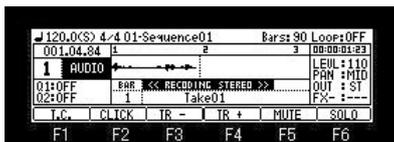


Recording a sample



If cursor is moved to the track type field and the [WINDOW] button is pressed, the window of "Record setups" will open.

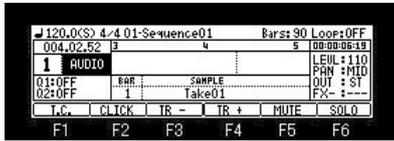
Please set if needed.



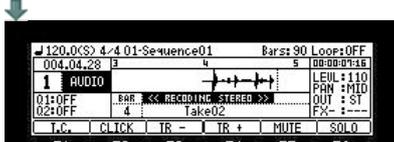
When the [REC]+[PLAY START] button is pressed, recording is started from 001.01.00.

A press on the [STOP] button will stop recording.

The state which has a marker in a bar 4



When the [REC]+[PLAY] button is pressed in the state of the above figure, recording is started from the bar of a current position and the bar of a current position is automatically inputted into the BAR field.



Sample "Take02" recorded when recording was stopped is assigned to a bar 4.

Note

When the loop of a sequence is ON, recording is automatically stopped at the end of a loop.

When the loop of a sequence is OFF, the recording will continue until you press the [STOP] button.

And the number of the bar when you actually pressed the [STOP] button will be set as the new length for the sequence.

Note

[OVER DUB] button does not work.

Moreover, it cannot go to other mode during recording.

Change of a track cannot be performed, either.

Chord

■ If CHORD is chosen in the type field, it will become an input mode of a chord.
 The code currently assigned to the pad hit when the pad was hit is inputted.

Duration: 01:Dur. 0
 Arpeggio: 02:Arp. 0

Chord name: CHAIN
 Key: 1/16, 1/8, 1/4, 2/4, 3/4, 4/4

Repeat: OFF

Dur.(Duration):	Please set up duration
Arp.(Arpeggio):	Please set up the timing to pronounce. When a value is 0, it pronounces simultaneously. When a value is 1, it is delay for 1 tick and pronounces. It is delay for a maximum of 96 ticks, and pronounces.
Repeat:	While pressing the pad, it repeats at the following intervals. CHAIN = An interval repeats continuously. 1/16 = It repeats to 1/16 timing. 1/8 = It repeats to 1/8 timing. 1/4 = It repeats to 1/4 timing. 2/4 = It repeats to 2/4 timing. 3/4 = It repeats to 3/4 timing. 4/4 = It repeats to 4/4 timing.

If the [WINDOW] button is pressed, the window of "Pad to Chord" will open.

Chord number

Please press the [WINDOW] button, for closing a window.

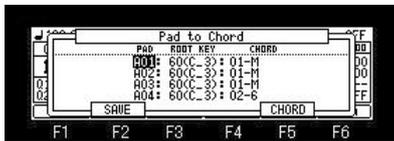
Please choose a key in the "ROOT KEY" field.

Please choose a chord number in the "CHORD" field.

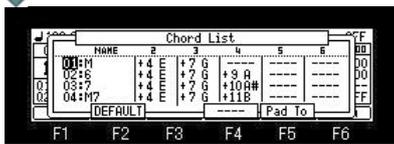
Change of a setup will display an asterisk on F2 (SAVE).

A setup changed when F2 (SAVE) button was pressed is saved at the flash memory of MPC, and an asterisk disappears.

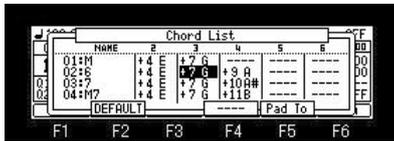
If a pad A01 is hit during record by set of the above figure, the chord set as the chord number 01 by the key of root C3 will be inputted.



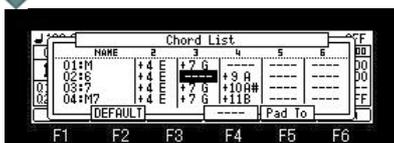
If F5 (CHORD) button is pressed, the window of "Chord List" will open.



A new chord can be created by setting up the field of 2-6. Moreover, the addition of a chord can be performed if arbitrary pads are pressed.



A press on F4 (----) button will set a rest to the cursor.



If F2 (DEFAULT) button is pressed, it will return to a default setup altogether.

The contents of a setting of a "Pad to Chord" window and a "Chord List" window are saved to the flash memory of MPC, if a window is closed.

Notes

- An aftertouch is outputted as a channel pressure.
- It does not work in midi note.

Arpeggiator

■ It will become the mode of arpeggiator if ARPGITR is chosen in the type field.

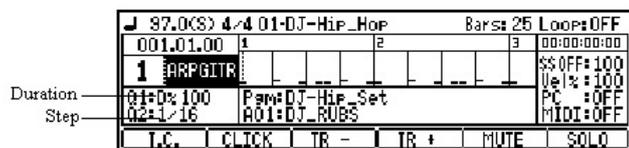
The pressed pad or keyboard is repeatedly performed, while being held.

When two or more pads or keyboards are held, it is pronounced towards a highest note from the lowest note.

A grid screen is displayed as type MIDI.

An event will be inputted, if [OVER DUB] is turned ON and a pad or a keyboard is pressed.

The recording in this mode is recorded on an active track.



D%(Duration):	The length of the sound to the note set up in the Step field is set.
	The timing to pronounce is set.
	1/4 = 1/4note
	1/4-3 = 1/4 note triplets
	1/8 = 1/8note
Step:	1/8-3 = 1/8 note triplets
	1/16 = 1/16 note
	1/16-3 = 1/16 note triplets
	1/32 = 1/32 note
	1/32-3 = 1/32 note triplets

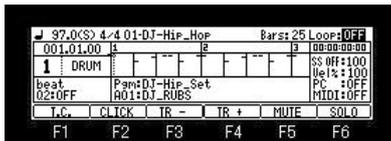
Notes

An aftertouch is outputted as a channel pressure.

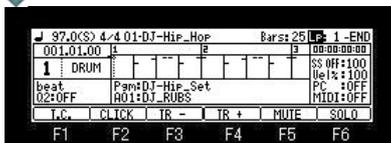
Arpeggiator works only at an active track.

Even if a multi timbre is ON, it works only at an active track.

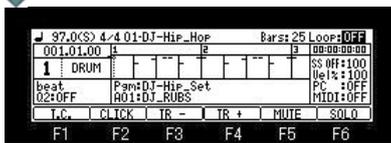
Loop setting of a sequence



A loop will be set to ON if a DATA wheel is turned to the right in the Loop field.



A loop will be set to OFF if a jog is turned to the left in Lp field.



The loop of the arbitrary bars can be carried out during record or playback.



The MPC will repeat the part you set in the First bar and Last bar fields.

If you set END in the Last bar field, the last bar of the sequence is always the end of the loop.

Even if you edit a sequence and change its length, the last bar of the sequence is still the end of the loop.



Please move cursor to the first bar field and set the bar of the first of a loop.

Next, please move cursor to the last bar field and set the bar of the last of a loop.



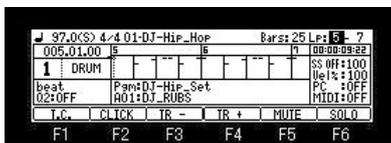
In set of the above figure, if the [PLAY START] button is pressed, it will play in order of the following bars.

5→6→7→5→6→7→5→6→7→5→6→7→5→6→7

In addition, if the [PLAY START] button is pressed, holding the [STOP] button, it will play in order of the following bars.

1→2→3→4→5→6→7→5→6→7→5→6→7→5→6→7→5→6→7→5→6→7

Bars Loop



The bar of the first bar field can be changed holding the length of a loop by using the <BAR> button, when cursor is in the first bar or last bar fields.

If a BAR> button is pressed in the state of the above figure, it will become as it is shown in the following figure.



If a loop is turned on from OFF during a play of a sequence, the bar of the current marker position will be automatically set to a first bar and last bar fields.

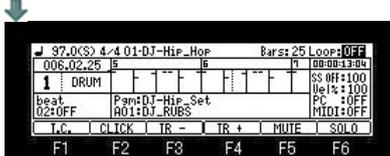
For example, when set of a loop is the following figure



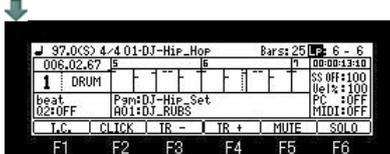
Cursor is moved to Lp field and a loop is turned OFF.



A sequence is played.



A loop is turned on while the bar 6 is playing.



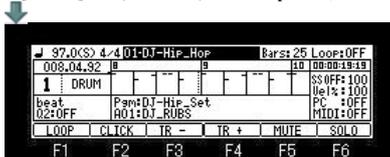
The current bar (bar 6) is automatically set to a first bar and last bar fields.

Setting with LOOP button

MPC2500



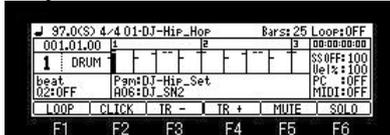
If [SHIFT]+F4 (F1MODE) button is pushed, F1 will change to LOOP.



ON/OFF of a loop can be performed with F1 (LOOP) button.

Moreover, if F1 (LOOP) button is pressed from the state of Loop OFF during a play of a sequence, a start/end points of a loop can be set.

Example



A sequence is started.



F1 (LOOP) button is pressed during a play of a bar 5.

The bars during play (bar 5) is set to the start field of a loop.

F1 (LOOP) button is released during a play of a bar 7.

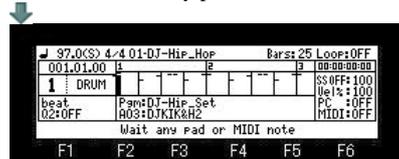


The bar during play is set to the last field.

Wait for key

- Recording can be started by hit pad or the receive of MIDI note.

If [REC] or the [OVER DUB]+[STOP] button is pressed, it will be in the standby state of recording.
At this time, "Wait any pad or MIDI note" is displayed on the lower part of a screen.



If a pad is hit in this state or MIDI note is received, recording will start.
At this time, the pad event or MIDI note hit in order to start recording is also recorded.

The grid mode of [MODE]+PAD15 can also use this function.

Sequence List



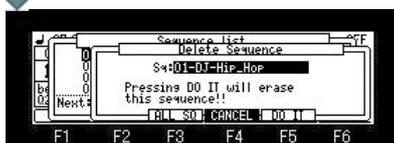
If the [WINDOW] button is pressed when cursor is in the sequence field, the window of "Sequence list" will open.



Please refer to "[behavior selection of the Next Sequence](#)" for the "Next" field.



If F2 (DELETE) button is pushed, the window of "Delete Sequence" will open.



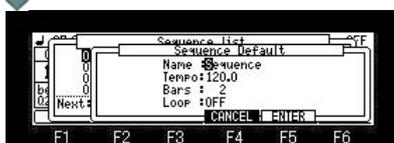
Please select a sequence to delete in Sq field.

The selected sequence will be deleted if F5 (DO IT) button is pressed.

If F3 (ALL SQ) button is pressed, all the sequences will be deleted.



If F3 (DEFAULT) button is pressed, the window of "Sequence Default" will open.



Please set the default preset value when creating a new sequence.

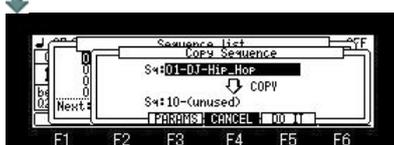
If F5 (ENTER) button is pressed, the set value is memorized, and if a new sequence is created from next time, this preset value will be set automatically.



Please refer to "[Rearranging the Sequences](#)" for F4 (MOVE).



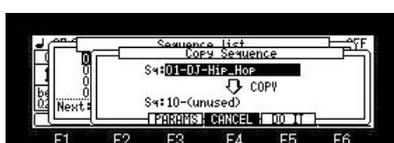
If F5 (COPY) button is pressed, the window of "Copy Sequence" will open.



Please select a sequence to copy in upper Sq field.

Please select the sequence number in the copy destination in the Sq field (below).

A copy will be performed if F5 (DO IT) button is pressed.



When F3 (PARAMS) button is pressed, only a parameter is copied and an event is not copied.

97.0(S) 4/4 10-DJ-Hip_Hop2 Barst:25 Loop:OFF					
001:01:00	DRUM	SS OFF:100			
beat	Pam:DJ-Hip_Set	Del%:100			
02:OFF	A01:DJ_RUBS	PC :OFF			
		MIDI:OFF			
T.C.	CLICK	TR -	TR +	MUTE	SOLO
F1	F2	F3	F4	F5	F6

Track List

Track list					
TYPE	NAME	PROGRAM	PC	MIDI	
01 DRUM	beat	DJ-Hip_Set	OFF	OFF	
02 DRUM	tar	DJ-Hip_Set	OFF	OFF	
03 DRUM	filterbass	DJ-Hip_Set	OFF	OFF	
04 DRUM	tree	DJ-Hip_Set	OFF	OFF	

DELETE | DEFAULT | CLOSE | COPY

97.0(S) 4/4 01-DJ-Hip_Hop Bars:25 Loops:OFF					
001.01.00	1	2	3	4	5
1	DRUM				
beat	Prog:DJ-Hip_Set				
02:OFF	A01:DJ_RUBS				

T.C. | CLICK | TR - | TR + | MUTE | SOLO

Track list					
TYPE	NAME	PROGRAM	PC	MIDI	
01 DRUM	beat	DJ-Hip_Set	OFF	OFF	
02 DRUM	tar	DJ-Hip_Set	OFF	OFF	
03 DRUM	filterbass	DJ-Hip_Set	OFF	OFF	
04 DRUM	tree	DJ-Hip_Set	OFF	OFF	

DELETE | DEFAULT | CLOSE | COPY

001.01.00 1 2					
DRUM	1	2	3	4	5
1					
2					
3					
4					
5					

LoopEdit | MUTE | SOLO

Track list					
TYPE	NAME	PROGRAM	PC	MIDI	
01 DRUM	beat	DJ-Hip_Set	OFF	OFF	
02 DRUM	tar	DJ-Hip_Set	OFF	OFF	
03 DRUM	filterbass	DJ-Hip_Set	OFF	OFF	
04 DRUM	tree	DJ-Hip_Set	OFF	OFF	

DELETE | DEFAULT | CLOSE | COPY

SND					
OUT	ST	ST	ST	ST	ST
1	OFF	OFF	OFF	OFF	OFF
2	OFF	OFF	OFF	OFF	OFF
3	OFF	OFF	OFF	OFF	OFF
4	OFF	OFF	OFF	OFF	OFF
5	OFF	OFF	OFF	OFF	OFF
6	OFF	OFF	OFF	OFF	OFF
7	OFF	OFF	OFF	OFF	OFF
8	OFF	OFF	OFF	OFF	OFF
9	OFF	OFF	OFF	OFF	OFF
10	OFF	OFF	OFF	OFF	OFF
11	OFF	OFF	OFF	OFF	OFF
12	OFF	OFF	OFF	OFF	OFF
13	OFF	OFF	OFF	OFF	OFF
14	OFF	OFF	OFF	OFF	OFF
15	OFF	OFF	OFF	OFF	OFF
16	OFF	OFF	OFF	OFF	OFF

Tr. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

Output program change number

Output MIDI channel

MIDI OUT port

Track list					
TYPE	NAME	PROGRAM	PC	MIDI	
01 DRUM	beat	DJ-Hip_Set	OFF	OFF	
02 DRUM	tar	DJ-Hip_Set	OFF	OFF	
03 DRUM	filterbass	DJ-Hip_Set	OFF	OFF	
04 DRUM	tree	DJ-Hip_Set	OFF	OFF	

DELETE | DEFAULT | CLOSE | COPY

Value here is displayed.

97.0(S) 4/4 01-DJ-Hip_Hop Bars:25 Loops:OFF					
001.01.00	1	2	3	4	5
1	DRUM				
beat	Prog:DJ-Hip_Set				
02:OFF	A01:DJ_RUBS				
		36 C.1			
					MIDI: 1a

T.C. | CLICK | TR - | TR + | MUTE | SOLO

Please refer to a "Midi Program Change" for an output program change number.

Track list					
TYPE	NAME	PROGRAM	PC	MIDI	
01 DRUM	beat	DJ-Hip_Set	OFF	OFF	
02 DRUM	tar	DJ-Hip_Set	OFF	OFF	
03 DRUM	filterbass	DJ-Hip_Set	OFF	OFF	
04 DRUM	tree	DJ-Hip_Set	OFF	OFF	

F1 F2 F3 F4 F5 F6

If F2(DELETE) button is pressed, the window of "Delete Track" will open.

Track list					
Delete Track					
TYPE	NAME	PROGRAM	PC	MIDI	
01 DRUM	beat	DJ-Hip_Set	OFF	OFF	
02 DRUM	tar	DJ-Hip_Set	OFF	OFF	
03 DRUM	filterbass	DJ-Hip_Set	OFF	OFF	
04 DRUM	tree	DJ-Hip_Set	OFF	OFF	

Tr:01-beat
Pressing DO IT will erase this track!!
F1 F2 F3 F4 F5 F6

If F3 (ALL TR) button is pressed, a setup and event of all the tracks will be deleted.

If F5 (DO IT) button is pressed, a setup and event of the selected track will be deleted.

97.0(S) 4/4 01-DJ-Hip_Hop Bars:25 Loops:OFF					
001.01.00	1	2	3	4	5
1	DRUM				
(Unused)	Prog:				
02:OFF	A01:				

F1 F2 F3 F4 F5 F6

Track list					
TYPE	NAME	PROGRAM	PC	MIDI	
01 DRUM	beat	DJ-Hip_Set	OFF	OFF	
02 DRUM	tar	DJ-Hip_Set	OFF	OFF	
03 DRUM	filterbass	DJ-Hip_Set	OFF	OFF	
04 DRUM	tree	DJ-Hip_Set	OFF	OFF	

F1 F2 F3 F4 F5 F6

If F3(DEFALT) button is pressed, the window of "Track Default" will open.

Track list					
Track Default					
TYPE	NAME	PROGRAM	PC	MIDI	
01 DRUM	beat	DJ-Hip_Set	OFF	OFF	
02 DRUM	tar	DJ-Hip_Set	OFF	OFF	
03 DRUM	filterbass	DJ-Hip_Set	OFF	OFF	
04 DRUM	tree	DJ-Hip_Set	OFF	OFF	

Pressing DO IT will memorize setups of these tracks as default setup in .ALL file.
F1 F2 F3 F4 F5 F6

If F5(DO IT)button is pressed, a setup of the present of all tracks (1-64) will be memorized as a default setup.

A setup of this column of all the tracks (1-64) and value of "Vel%" are memorized as a default setup.

Track list					
TYPE	NAME	PROGRAM	PC	MIDI	
01 DRUM	beat	DJ-Hip_Set	OFF	OFF	
02 DRUM	tar	DJ-Hip_Set	OFF	OFF	
03 DRUM	filterbass	DJ-Hip_Set	OFF	OFF	
04 DRUM	tree	DJ-Hip_Set	OFF	OFF	

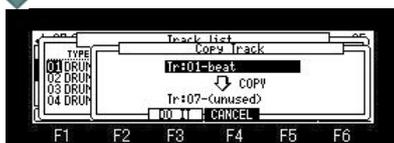
DELETE | DEFAULT | CLOSE | COPY

If a new sequence is made, this setup will be used for each track as a default setup.

In addition, the memorized contents will be reset if the power is turned off.



If F5(COPY) button is pressed, the window of "Copy Track" will open.



Please select a track to copy in upper Tr field.

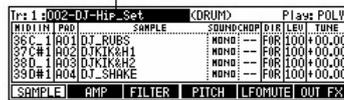
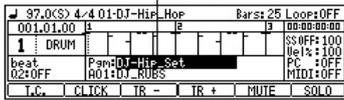
Please select the track in the copy destination in the Tr field (below).

A copy will be performed if F3 (DO IT) button is pressed.



An event and the contents of a setting are copied to the track of a copy destination.

Program List



If F2(DELETE) button is pressed, the window of "Delete Program" will open.



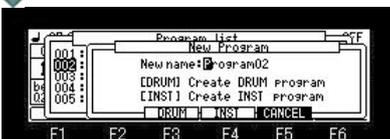
If F3 (ALL PG) button is pressed, all the programs will be deleted.
The program selected will be deleted if F5 (DO IT) button is pressed.



The purge of samples is performed after deleting a program, if the "Sample purge" field is made into "YES" and F5 (DO IT) button is pressed.



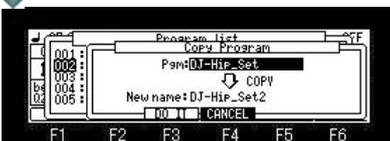
If F3 (NEW) button is pressed, the window of "New Program" will open.



When you make the program of a drum, please press F3 (DRUM) button.
When you make the program of instrumental, please press F4 (INST) button.



If F5 (COPY) button is pressed, the window of "Copy Program" will open.



Please select a program to copy in the Pgm field.
And the copy of a program will be performed if F3 (DO IT) button is pressed.

Note

The packed program cannot be copied.

About the MIDI PC field



To switch the program assigned to the track on the way, it sets it.

Please set a program change number in the MIDI PC field.

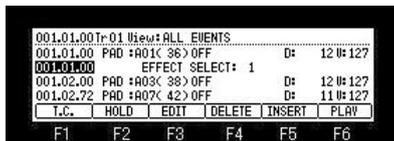
And, the program can be switched by recording the program change number in the sequence data of the track.

The program change number can set arbitrary 1-128.

For example, in the case of the above figure, a play of the sequence by which 3 of the program change number is recorded on the sequence data of the track 1 will assign the program of "Ill_Hip_Set" to a track 1 automatically.

"LA_Kit" will be assigned if the program change number 8 is recorded on the way.

Insertion of a program change number can be performed by step edit.

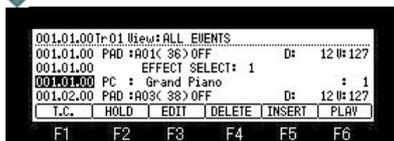


Please press F5 (INSERT) button in the location which inserts a program change by step edit.
(In the case of the above figure, it inserts in the location of 001.01.00.)

If F5 (INSERT) button is pressed, the window of "Insert Event" will open.



Please choose PROGRAM CHANGE and press F5 (DO IT) button.



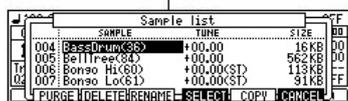
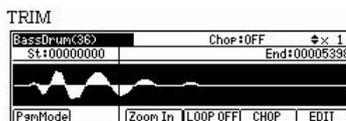
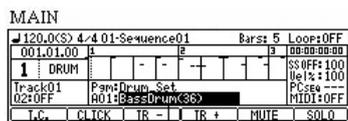
PC (program change) is inserted in the location of 001.01.00.



Please move cursor to the field of a value.

And please set the program change number of a program to assign.

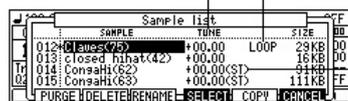
Sample List



It is always rearranged and displayed in alphabetic order.

Value of TUNE set. (It is not a value of the TUNE column of a program.)

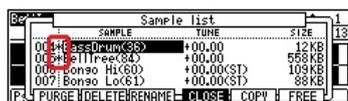
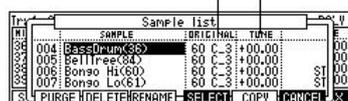
Sample from which the loop is set to ON



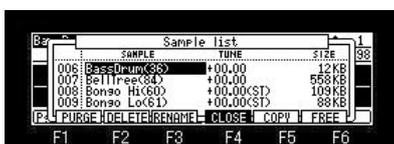
(ST) is sample of stereo.

Set note (When not set, C_3 is set by a default)

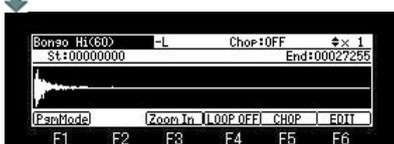
Value of TUNE set. (It is not a value of the TUNE column of a program.)



An asterisk is displayed on the sample to which edit or change was added.



If F4 (CLOSE) button is pressed, the sample currently Highlighted will be chosen and a window will be closed.



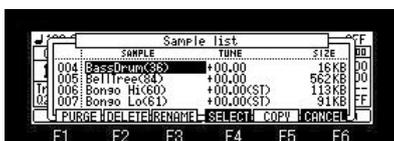
If F6 (FREE) button is pressed, the window of "Free sample memory" will open.



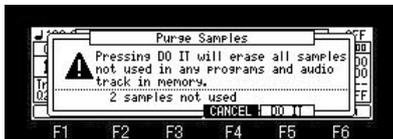
The time which can be recorded in the capacity, monophonic recording, and stereo of a memory in MPC is displayed.

The window is displayed while F6 (FREE) button is held.

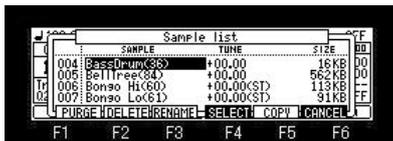
A window will be closed if F6 (FREE) button is released.



If F1 (PURGE) button is pressed, the window of "Purge Samples" will open.



If F5 (DO IT) button is pressed, an unused sample can be deleted by all the programs.

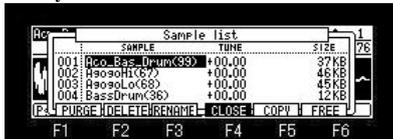


If F2 (DELETE) button is pressed, the window of "Delete Sample" will open.

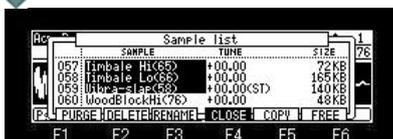


If F3 (ALL) button is pressed, all the samples will be deleted.
The sample currently displayed is deleted when F5 (DO IT) button is pressed.

When you want to choose and delete two or more samples.



Please choose samples with a DATA wheel or cursor button, holding F2 (DELETE) button.



If it finishes choosing, please release F2 (DELETE) button.
The window of "Delete Sample" opens.



Deletion will be performed if F5 (DO IT) button is pressed.
The number currently displayed on the screen right is the number of the samples to delete.



If F3 (RENAME) button is pressed, it will become the edit mode of a sample name.



The name of the sample chosen can be edited.



If F5 (COPY) button is pressed, the window of "Copy Sample" will open.



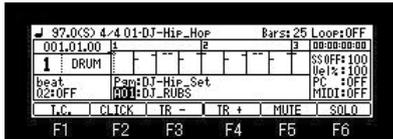
The sample currently displayed will be copied if F3 (DO IT) button is pressed.
Please turn a DATA wheel to edit the sample name of a copy.

It will become the edit mode of a name.

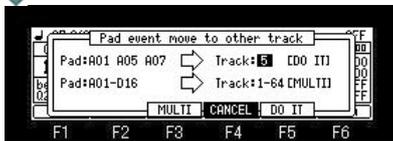


Pad event move to other track

- The arbitrary pad events of an active track are movable to other tracks.



If cursor is moved to the pad field and the [WINDOW] button is pressed, the window of "Pad event to other track" will open.



Please select the pad number which moves in the Pad field.

Please select the track number of a movement place in the Track field.

In the case of the above figure, all the pad events of A01, A05 and A07 of track 1 are moved to a track 2.

If F3 (MULTI) button is pushed, the pad event of A01-D16 will be moved to tracks 1-64.

Moreover, the same program is automatically assigned to all the tracks.

```
A01=>Track1
A02=>Track2
A03=>Track3
|
D16=>Track64
```

Customize of MAIN and NUMERIC button

■ The mode can be assigned to the [MAIN] button and the [NUMERIC] button.

■ In the case of the [MAIN] button

It changes to the mode assigned when the main screen was displayed and the [MAIN] button is pressed.

How to assign the mode

Please press the pad equivalent to the mode to assign, pressing the [MAIN] button.

For example, if PAD7 (PROGRAM) is pushed pressing the [MAIN] button, PROGRAM mode will be assigned to the [MAIN] button. In this case, if the [MAIN] button is pressed when the main screen is displayed, it will change to a program mode. It is changed by performing the same operation to change the mode to assign.

When PROGRAM mode is assigned to the [MAIN] button



The [MAIN] button is pressed.



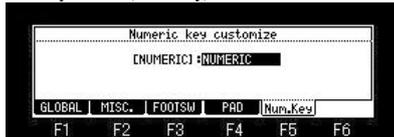
It changes to PROGRAM mode.

In this case, MAIN is changed to PROGRAM mode by turns by the [MAIN] button.

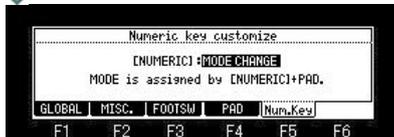
■ In the case of the [NUMERIC] button

If the [NUMERIC] button is pressed, the two modes currently assigned will change by turns.

Please press F5 (Num.Key) button in OTHER mode.



Please select "MODE CHANGE".

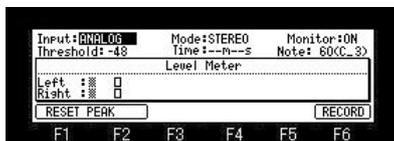


If "MODE CHANGE" is select, the two modes can be assigned to the [NUMERIC] button. PROGRAM and TRIM are assigned by a default.

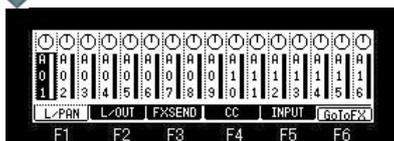
How to assign the mode

Please press the pad equivalent to the mode to assign, pressing the [UMERIC] button.

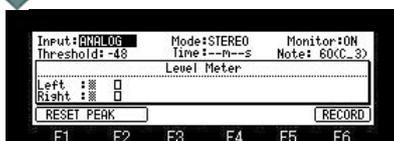
For example, if PAD5 (RECORD) is pushed pressing the [NUMERIC] button, RECORD mode will be assigned to the [NUMERIC] button. Next, if PAD8 (MIXER) is pushed pressing the [NUMERIC] button, MIXER mode will be assigned to the [NUMERIC] button. If the [NUMERIC] button is pressed in this state, RECORD mode and MIXER mode will change by turns.



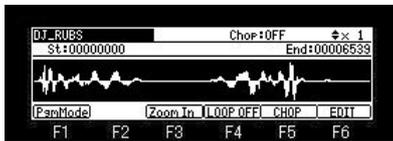
The [NUMERIC] button is pressed.



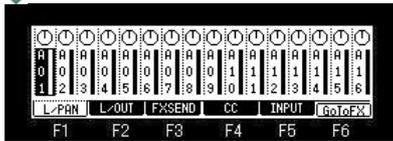
The [NUMERIC] button is pressed.



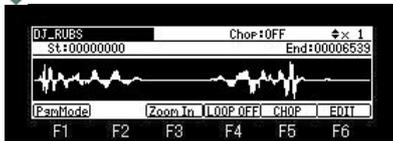
PAD6 (TRIM) is pressed pressing the [NUMERIC] button.



The [NUMERIC] button is pressed.



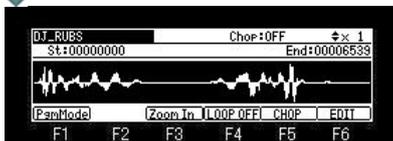
The [NUMERIC] button is pressed.



PAD7 (PROGRAM) is pressed pressing the [NUMERIC] button.



The [NUMERIC] button is pressed.

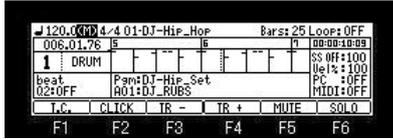


The [NUMERIC] button is pressed.



Selecting a Tempo Source

- This allows the performance of each sequence to a set tempo or the master tempo set by MPC.

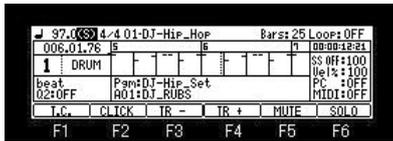


(MAS) = The master tempo is a single tempo setting that applies to all sequences and songs.

When playing sequences this is useful if you always want each selected sequence to play at the same tempo.

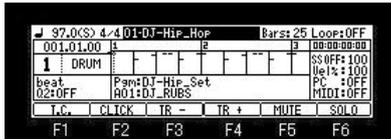
This can be especially useful in the "Next sequence" mode, where following sequences may have different tempos and you want them to all play at the same tempo.

Note: This tempo setting is not saved in the sequence file.



(SEQ) = It play back at the tempo preset for each sequence.

Behavior selection of the Next sequence



If cursor is moved to the sequence field and the [WINDOW] button is pressed, the window of "Sequence List" will open.



Please select behavior of Next Sequence after moving cursor to the "Next" field.

When "END OF SEQUENCE" is selected, Next sequence is played back after playing back a sequence to END.



When "IMMEDIATELY START" is selected,

If it changes to Next sequence, it will start playing back from the beginning of the sequence changed immediately.



When "IMMEDIATELY PLAY" is selected,

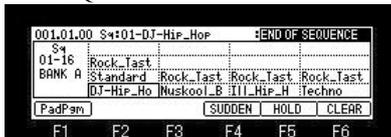
Shortly after changing to Next sequence, playback of Next sequence is begun from the present position.

Note

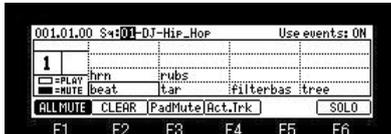
Selection of behavior can be performed during playback of a sequence.

Moreover, it can select on the screen of NEXT SEQ and TRACK MUTE.

NEXT SEQ



TRACK MUTE



If the [WINDOW] button is pressed, the window of "Track Mute" will open.



Customizable Click/Metronome Sounds

■ The change method of a Click/Metronome sound



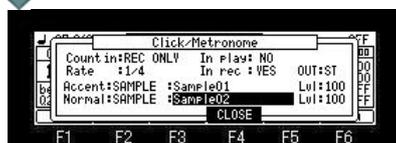
If F2 (CLICK) button is pressed, the window of "Click/Metronome" will open.



Please select SAMPLE in the Accent field and the Normal field.



Please move cursor to the sample field and choose a sample.



A level can be adjusted in the Lvl field. (0-200)

The output destination of the metronome sound can be set in the OUT field.

ST is outputted to STEREO OUT.

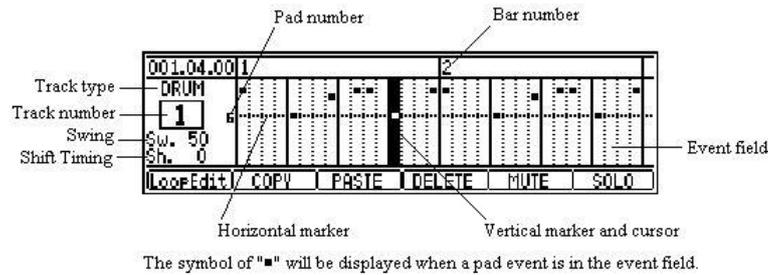
1-4 is outputted to ASSIGNABLE MIX OUT. (in the case of MPC1000)

1-8 is outputted to ASSIGNABLE MIX OUT. (in the case of MPC2500)

L is outputted to L of STEREO OUT and R is outputted to R of STEREO OUT. (Selection only in MPC1000)

GRID EDIT (DRUM)

■ It is the mode which performs the input and edit of an event using a graphic editor. ([MODE]+PAD15)

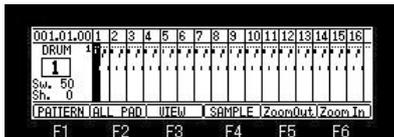


If the ◀ cursor button is pressed, cursor will be moved to the track type field.
 It returns to the event field by ▶ cursor button.
 Swing can be set up with Q1 slider.
 Shift Timing can be set up with Q2 slider. (It is not effective against the recorded event.)
 Movement of a bar can be performed by the <BAR> button.
 It can move quickly by a <BAR> + DATA wheel.
 A vertical marker is moved to the event of the next or back by a [SHIFT] + <BAR> button.
 Regardless of the value of timing correct, a vertical marker 1 tick moves by a [SHIFT] + DATA wheel.
 Change of a track can be performed in a [MODE] + DATA wheel.

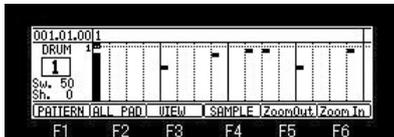
The move interval of the vertical marker in a standard display (2 bar displays)

Usually, if a DATA wheel is turned, regardless of the value of timing correct, it will move at intervals of 24 ticks.
 If a DATA wheel is turned pressing the [NOTE REPEAT] button, it will move at the following intervals with the value of timing correct.

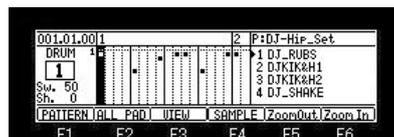
1/8	= 48 ticks
1/8-3	= 32 ticks
1/16	= 24 ticks
1/16-3	= 16 ticks
1/32	= 12 ticks
1/32-3	= 8 ticks
OFF	= 1 tick



It is [SHIFT] + F5 (Zoom Out) button and is zoom out.



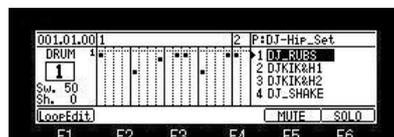
It is [SHIFT] + F6 (Zoom In) button and is zoom-in.



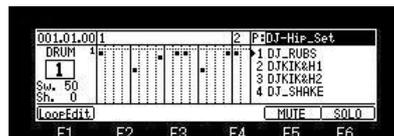
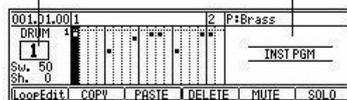
The sample assigned to the pad by [SHIFT] + F4 (SAMPLE) button is displayed.



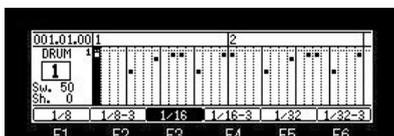
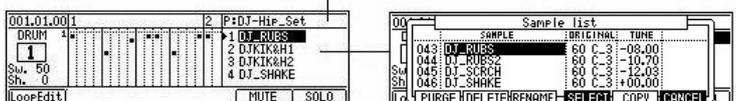
Display in case a program is INST



If the ▶ cursor button is pressed, cursor will move to the sample field.

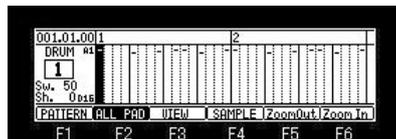


If the [SHIFT] + ▲ cursor button is pressed, cursor will move to the program field.

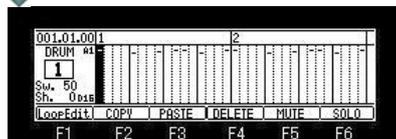


If the [NOTE REPEAT] button is pressed, pressing the [SHIFT] button, it will become NOTE REPEAT mode.
 If a pad is pressed in this mode, the sound of the pad pressed according to the value of timing correct will be repeatedly hit until a pad is released.

If the [NOTE REPEAT] button is pressed, it will return to a former screen.

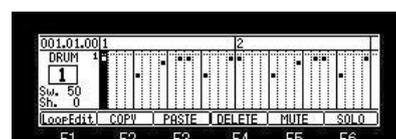


It becomes ALL PAD mode by [SHIFT] + F2 (ALL PAD) button.

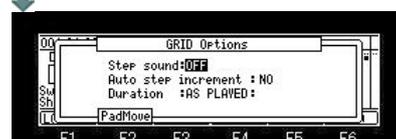


ALL PAD mode (A01-D16)

For returning to 16PAD mode, please press [SHIFT] + F2 (ALL PAD) button.



If the [WINDOW] button is pressed when cursor is in the event field, the window of "GRID Options" will open.



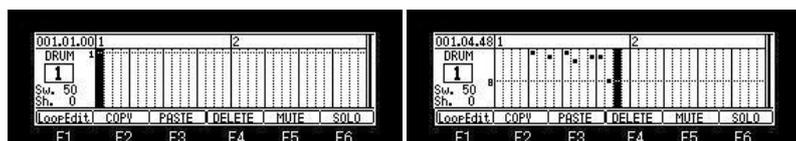
Please refer to "[movement of a pad event](#)" for F2 (PadMove).

Step sound:	If you select ON, the event of a marker position will be sounded when a marker passes.
Auto step increment:	If you select YES, after inputting an event by the pad, a vertical marker moves to the right automatically.
Duration:	AS PLAYED: The length which is pushing the pad is inputted into the value of duration.
	TC VALUE: Regardless of the length which is pushing the pad, a fixed value is inputted according to the value of timing correct.

Note: The type of a track cannot be changed during playback or recording.

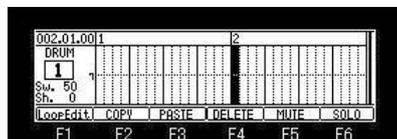
[Next page](#)

Record of event



[REC] or [OVER DUB] + [PLAY START] or [PLAY] button is start recording, please hit a pad and record an event.
When you record events one by one, please move cursor to a location to record an event into, and hit a pad, after turning on [OVER DUB].

Record of pattern

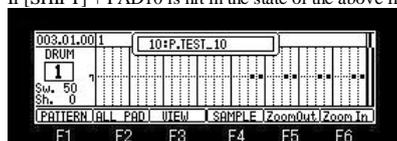


A pattern will be recorded into the horizontal marker location of a bar with a vertical marker if a pad is hit pressing the [SHIFT] button. (Only PATTERN 01-16)

[SHIFT]+PAD1-----PATTERN 01
[SHIFT]+PAD2-----PATTERN 02
[SHIFT]+PAD3-----PATTERN 03

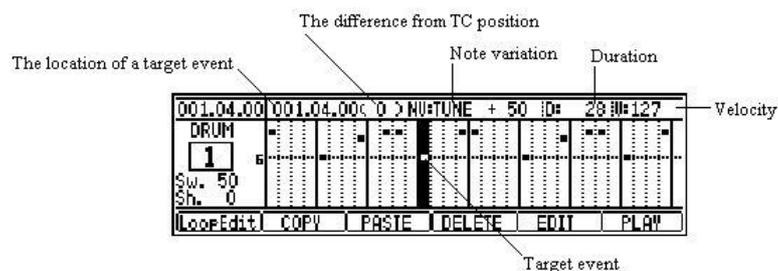
[SHIFT]+PAD16-----PATTERN 16

If [SHIFT] + PAD10 is hit in the state of the above figure, the result of the following figure will be obtained.

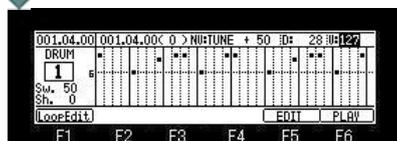


PATTERN 10 was recorded into the location of PAD7 of a bar 2.

Edit of event



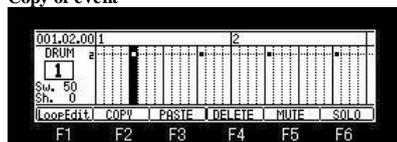
Please choose the event to edit after turning on [OVER DUB].
The event in the location which a horizontal marker and a vertical marker cross becomes a target of edit.
The information on the event of the target of edit is displayed in the upper field.
If F5 (EDIT) button is pressed, cursor will move to the upper field.



Please change the value of a parameter.
If F6 (PLAY) button is pressed, the audition of the edited event is possible.
If ▾ cursor button or F5 (EDIT) button is pressed, cursor will return to the event field.
In addition, if the value of a parameter is changed holding F5 (EDIT) button, cursor will return to the event field at the same time it releases F5 (EDIT) button.

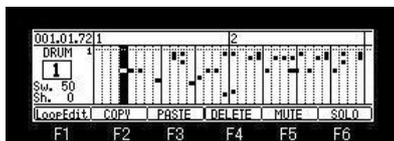
COPY, PASTE, DELETE

Copy of event

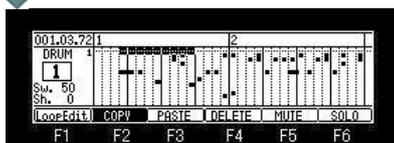


Please press F2 (COPY) button after choosing the event for a copy.
The event in the location which the horizontal marker and the vertical marker cross is copied.

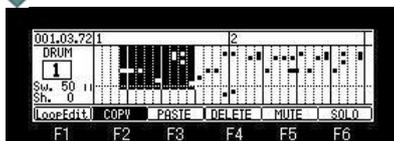
Same time copy of some events



Please select the region of horizontal by a DATA wheel, pressing F2 (COPY) button.

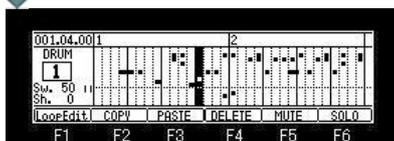


Please select the region of vertical by ▲ or ▼ cursor button, with F2 (COPY) button held.

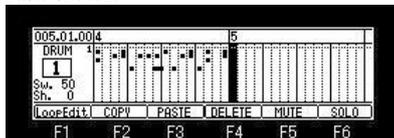


All the events to which the color became reverse are copied.

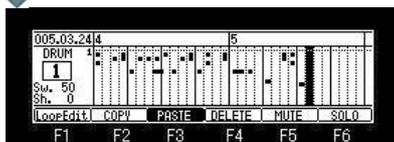
When F2 (COPY) button is released, it is the completion of a copy.



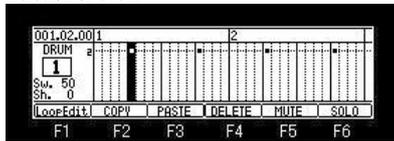
Paste of event



Please move a vertical marker to the location which you want to paste, and press F3 (PASTE) button.

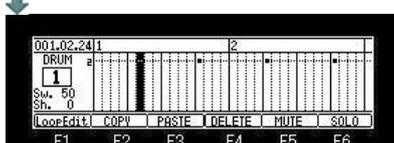
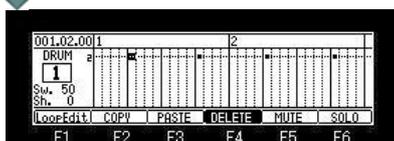


Deletion of event

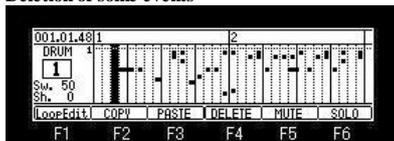


Please press F4 (DELETE) button after choosing the event for a deletion.

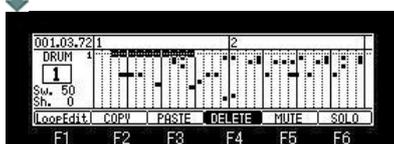
The event in the location which the horizontal marker and the vertical marker cross is deleted.



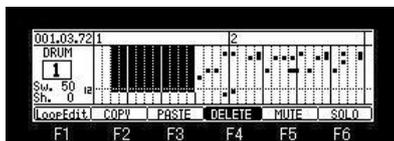
Deletion of some events



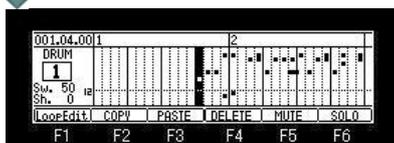
Please select the region of horizontal, pressing F4 (DELETE) button.



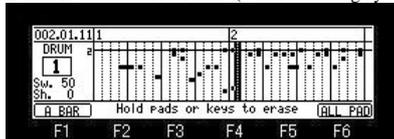
Please select the region of vertical by ▲ or ▼ cursor button, with F4 (DELETE) button held.



Events is deleted simultaneously with selection.



Events is deleted on real time. (When recording by OVER DUB+PLAY START)



When you delete a specific pad event, please press a pad, pressing the [ERASE] button.

For example, if PAD A01 is pressed pressing the ERASE key, the event of PAD A01 while pressing will be deleted.

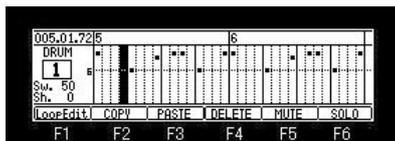
If F1 (A BAR) button is pressed, all the events of the bar on marker will be deleted.

If F6 (ALL PAD) button is pressed, the pad event of all (A01-D16) on marker will be deleted.

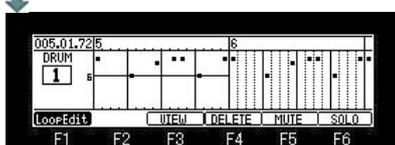
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Loop Edit Mode (16PAD 1 bar edit mode)

■ Loop Edit Mode (Only Time signature 4/4 can be used)



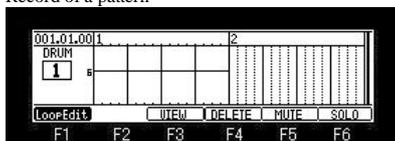
If F1 (LoopEdit) key is pressed, it will become 1 bar edit mode of the bar on a vertical marker. (It is possible even if it presses F1 (LoopEdit) key during a play.) Moreover, OVER DUB is set to ON (the LED is lit).



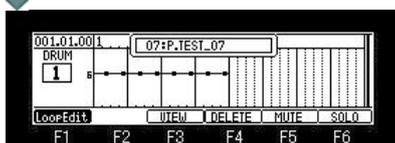
Record of an event can be performed carrying out loop playback, if the [PLAY] button is pressed. Loop Edit mode will be canceled if F1 (LoopEdit) button is pressed.

■ Record of a pattern and an event

Record of a pattern



A turn of a DATA wheel will record a pattern on the position of a horizontal marker.

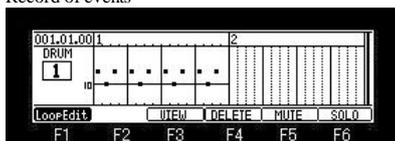


If a pattern is recorded, a pattern name will be displayed on the upper part. Moreover, a pattern is recordable even if it hit a pad, holding the [SHIFT] button. (Only patterns 1-16)

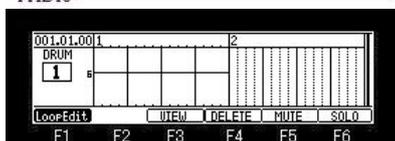
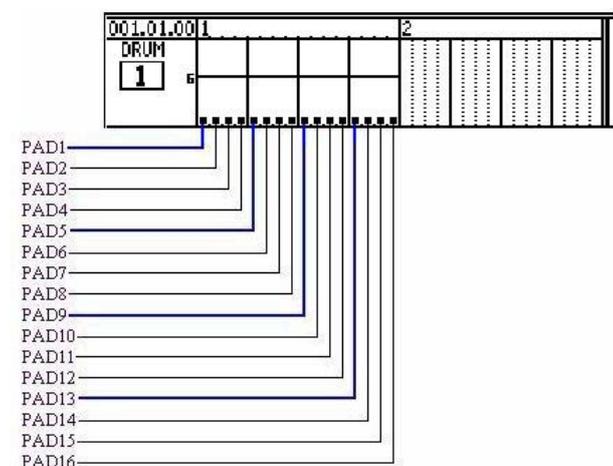
[SHIFT]+PAD1-----01 PATTERN
[SHIFT]+PAD2-----02 PATTERN
[SHIFT]+PAD3-----03 PATTERN

[SHIFT]+PAD16-----16 PATTERN

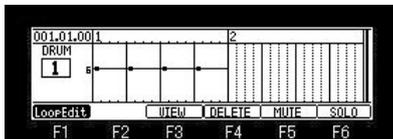
Record of events



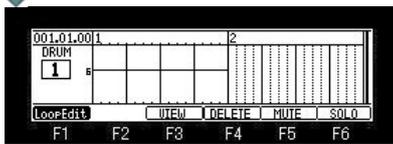
If a pad is hit, the event of the location currently assigned to the pad will be recorded on the position of a horizontal marker. The location currently assigned to the pad is as follows.



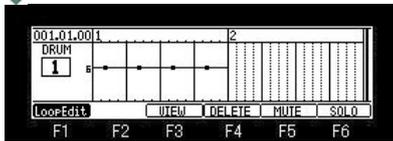
For example, if PAD1, PAD5, PAD9, and PAD13 are struck in the case of the above figure, an event will be recorded as shown in the following figure.



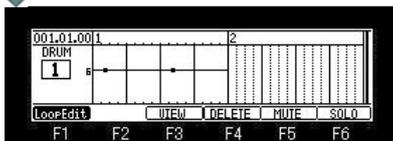
If PAD1, PAD5, PAD9, and PAD13 are hit once again, an event will be deleted as shown in the following figure.



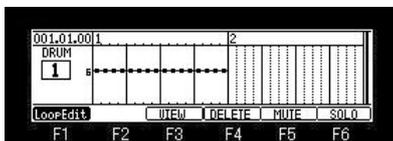
If PAD2, PAD6, PAD10, and PAD14 are hit, it will become as it is shown in the following figure.



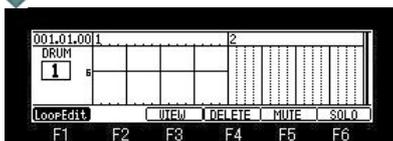
If PAD6 and PAD14 are hit, it will become as it is shown in the following figure.



An event will be deleted if the pad of the location where the event is already recorded like the above-mentioned example is hit.



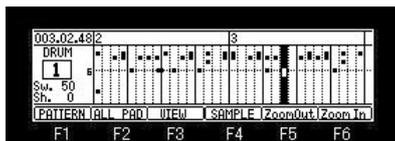
If F4 (DELETE) button is pressed, all the events on a horizontal marker will be deleted.



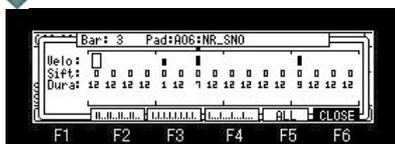
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■ One arbitrary bar can be edited during loop playback execution.

Note: It cannot be used except 4/4.



If [SHIFT] +F3 (VIEW) button is pressed, 1 bar edit mode window of the bar of the cursor position will open.



If the [PLAY] or [PLAY START] button is pressed, loop playback of the present bar will be carried out.

The input and edit of an event can be performed, carrying out loop playback.

What can be edited is one bar of the pad chosen now.

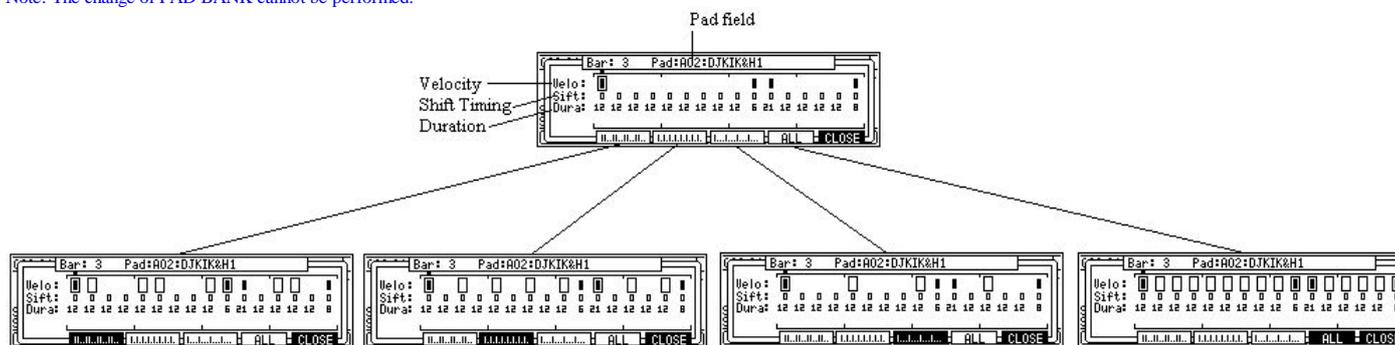
Change of a pad to edit should hit a pad to edit, or should move cursor to the Pad field, and should turn a DATA wheel.

If F6 (CLOSE) button is pressed, a window will be closed and it will play automatically from the present position. (When it closes during loop playback)

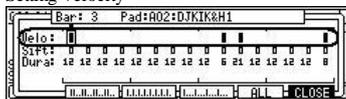
This window can be opened and edited during playback or recording of a sequence.

However, when it opened and edited during recording, it will be in a playback state. (A recording state is not continued.)

Note: The change of PAD BANK cannot be performed.



Setting Velocity

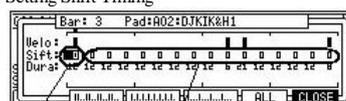


A velocity can be set in seven steps.

The value of the velocity in each stage is as follows.

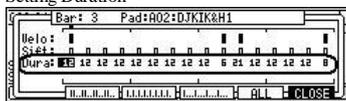
- Velo: [0] Velo: [1] Velo: [2] Velo: [3] Velo: [4] Velo: [5] Velo: [6]
- 1=32 2=48 3=64 4=80 5=96 6=112 7=127

Setting Shift Timing



- 0 to +11
- 12 to +11

Setting Duration

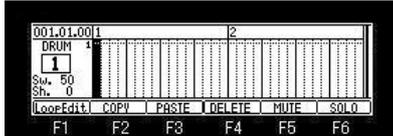


A display is displayed only to 0 to 99.

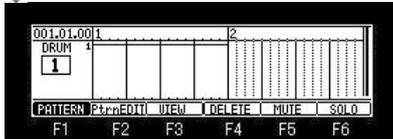
[Next page](#)

Pattern

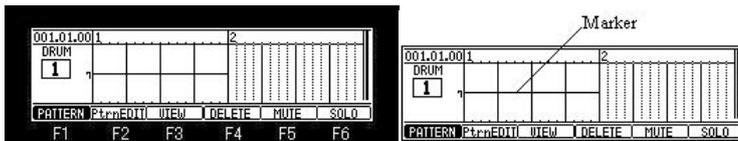
Input of patterns



If [SHIFT] + F1 (PATTERN) button is pressed, it will become an input mode of a pattern. (It is possible even if it presses [SHIFT] + F1 (PATTERN) button during a play.)
Moreover, OVER DUB is set to ON (the LED is lit).

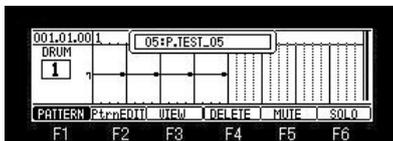


Record of a pattern can be performed carrying out loop playback, if the [PLAY] button is pressed.
Pattern mode will be canceled if F1 (PATTERN) button is pressed.

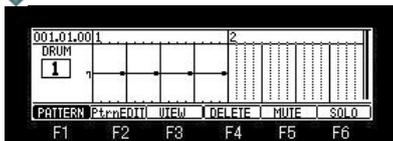


Please move a marker to a position to input a pattern into.

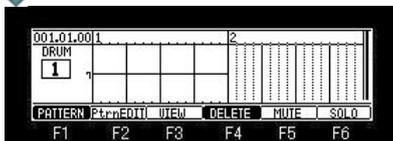
Movement of a marker hits a pad or can be performed by ▲ or ▼ cursor button.



A turn of a DATA wheel will display and input a pattern.

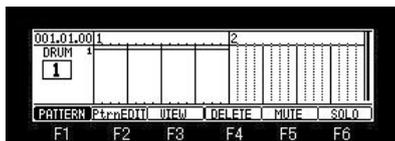


If F4 (DELETE) button is pressed, the event of the same position as a marker will be deleted.

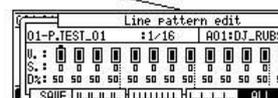
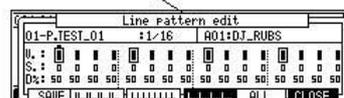
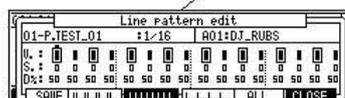
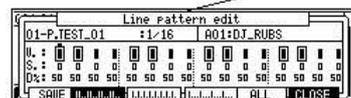
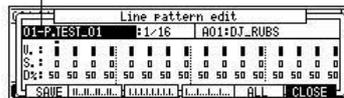
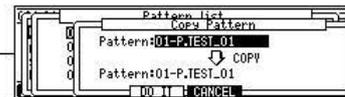
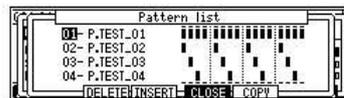
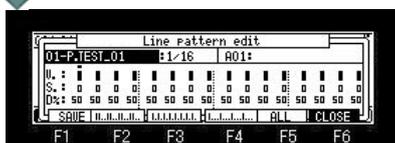


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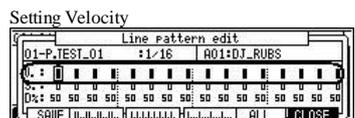
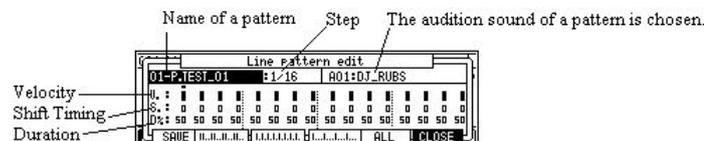
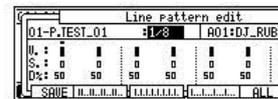
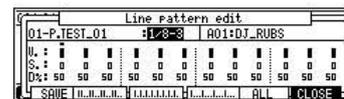
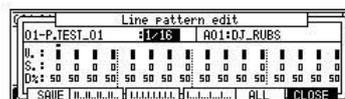
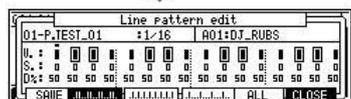
Edit of a pattern



If F2 (PrnEDIT) button is pressed, the edit window of a pattern will open.

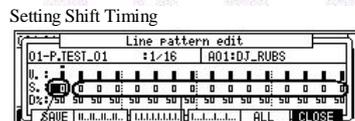


If the **▶** cursor key is pressed in this state, it will be in the state of the following figure.

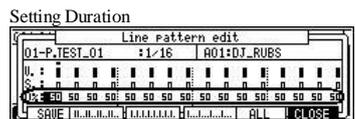


A velocity can be set in seven steps.
The value of the velocity in each step is as follows.

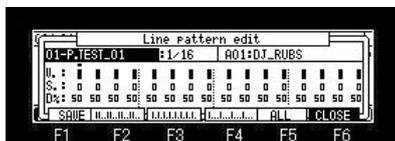
- U. : □
 - U. : □
- 1=32 2=48 3=64 4=80 5=96 6=112 7=127



0 to +11 -12 to +11



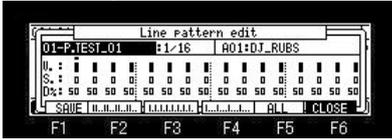
Duration can be set to 0 to 990%. (10% step)



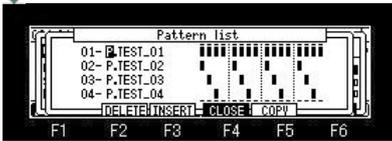
If a pad is hit or the [PLAY] button is pressed, loop plays of the pattern chosen now will be carried out.
Please hit other pads, or move cursor to the sample field and select a sample to change the audition sound of a pattern.
Please set up a parameter an edit of a pattern or make a new pattern.

Edit of a pattern name

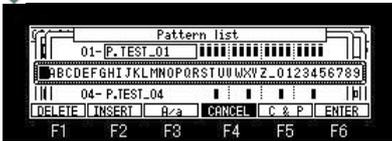
The name of a pattern can be edited in the window of "Pattern list".



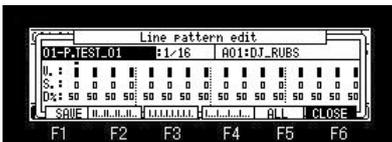
Please move cursor to the pattern name field and press the [WINDOW] button.



If cursor is moved to a pattern name and a DATA wheel is turned, it will become the edit mode of a name.



■ Saving a pattern



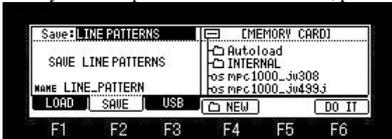
If F1 (SAVE) button is pressed, edit or the made pattern is saved at the flash memory of MPC.



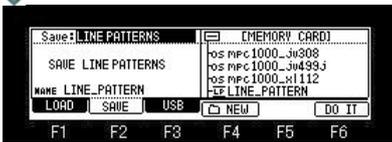
If change is added to a pattern, an asterisk will be displayed on F1 (SAVE).
If F1 (SAVE) button is pressed, an asterisk will disappear.

Note: Since the set of sound is only used for an audition, the set of sound is not saved.

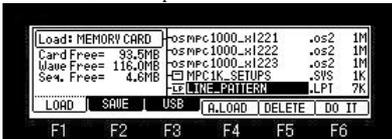
When you save a pattern to CF card or HDD, please carry out from save mode.



Please select "LINE PATTERNS" in save mode and push F6 (DO IT) button.

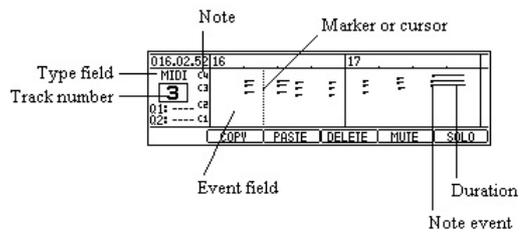


Extension "LPT" is a pattern file.



GRID EDIT (MIDI)

■ If MIDI is chosen in the type field, it will become the grid mode of MIDI.



When you move cursor to the type field, please press the ◀ cursor button.

Cursor returns to the event field by ▶ cursor button.

Movement of a bar can be performed by the < BAR > button.

It can move quickly by a < BAR > + DATA wheel.

A marker is moved to the event of the next or back by a [SHIFT] + < BAR > button.

Regardless of the value of timing correct, a marker 1 tick moves by a [SHIFT] + DATA wheel.

Change of a track can be performed in a [MODE] + DATA wheel.

The move interval of the vertical marker in a standard display (2 bar displays)

Usually, if a DATA wheel is turned, regardless of the value of timing correct, it will move at intervals of 4 ticks.

If a DATA wheel is turned pressing the [NOTE REPEAT] button, it will move at the following intervals with the value of timing correct.

1/8 = 48ticks

1/8-3 = 32ticks

1/16 = 24ticks

1/16-3 = 16ticks

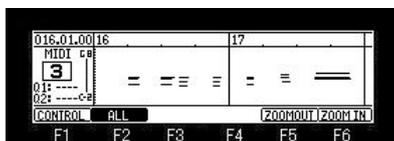
1/32 = 12ticks

1/32-3 = 8ticks

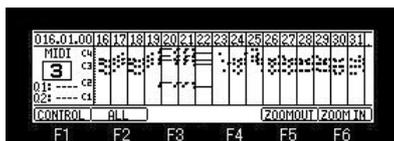
OFF = 1tick



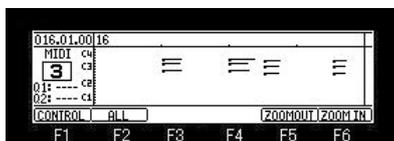
▲▼ cursor button can go up and down the display range of NOTE.



If [SHIFT]+F2 (ALL) button is pressed, all the notes will be displayed.



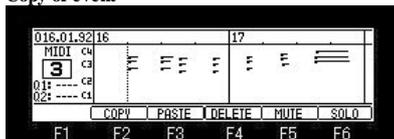
It is [SHIFT] + F5 (ZOOMOUT) button and is zoom out.



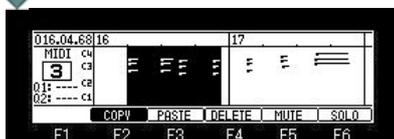
It is [SHIFT] + F6 (ZOOM IN) button and is zoom-in.

■ COPY, PASTE, DELETE

Copy of event

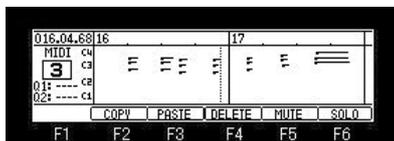
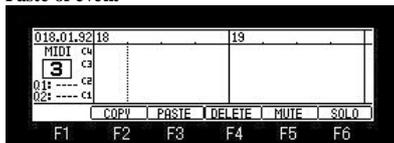


Please select the region to copy by a DATA wheel, pressing F2 (COPY) button.

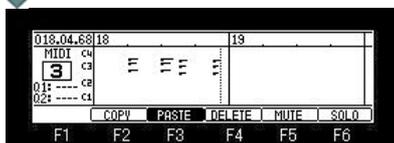
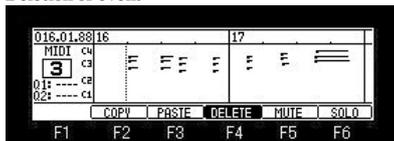


All the events to which the color became reverse are copied.

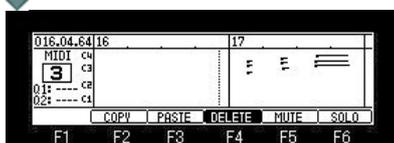
When F2 (COPY) button is released, it is the completion of a copy.

**Paste of event**

Please move a marker to the location which you want to paste, and press F3 (PASTE) button.

**Deletion of event**

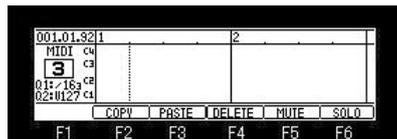
If a DATA wheel is turned pressing F4 (DELETE) button, the event which the marker passed will be deleted.



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Input of event

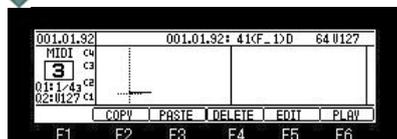
When you perform the input and edit of an event, please turn on LED of [OVER DUB].



If Q1 [AFTER] button is ON (the LED is lit), Duration can be set with a Q1 slider.

If Q2 [AFTER] button is ON (the LED is lit), Velocity can be set with a Q2 slider.

If a pad is hit or the keyboard is played, the note event of the value set by Q1 and Q2 will be inputted into the position of a marker.



When [AFTER] of Q1 and Q2 is turned OFF (the LED is turned off), and a pad is hit or the keyboard is played, a note event is inputted as AS PLAYED.

Location of a target note event Note number Note Duration

Velocity

Event field

Insert duration

1/1 =

1/2 =

1/2 =

1/4 =

1/2 3 =

1/4 =

1/8 =

1/4 3 =

1/8 =

/16 =

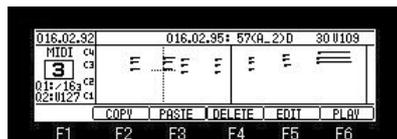
1/8 3 =

/16 =

/16 3 =

Insert velocity

Note marker Location marker Target note event

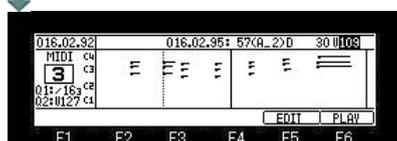


When an event is chosen, the information on an event is displayed on the bar field. (The event information on a crossing marker is displayed.)

When two or more events are in the same position, a note marker can be moved by ▲ or ▼ cursor button.

The value of a parameter can be edited by pressing F5 (EDIT) button.

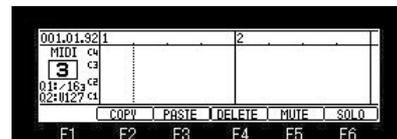
If F5 (EDIT) button is pressed, cursor will move to a parameter.



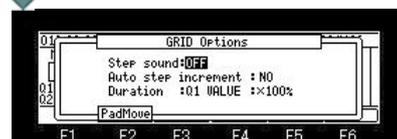
The audition of the event edited by pressing F6 (PLAY) button is possible.

When you return cursor to the event field, please press F5 (EDIT) button or the ▼ cursor button.

Note: If the value of a parameter is changed pressing F5 (EDIT) button, cursor will also return to the event field at the same time it released F5 (EDIT) button.



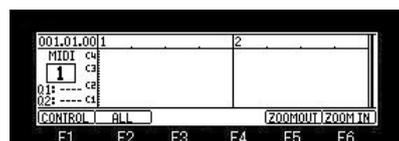
If the [WINDOW] button is pressed when cursor is in the event field, the window of "GRID Options" will open.



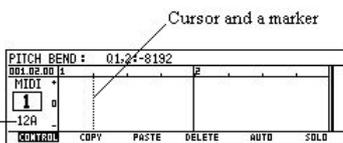
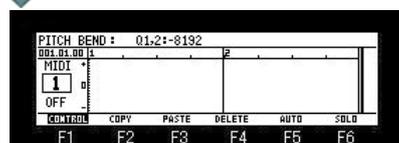
Step sound:	If you select ON, the event of a marker position will be sounded when a location marker passes.
Auto step increment:	If you select YES, after inputting an event by the pad or a keyboard, a location marker moves to the right automatically.
Duration:	AS PLAYED: The length which is pushing the pad and the keyboard is inputted into the value of duration. Q1 VALUE: Regardless of the time which is pushing the pad or the keyboard, a fixed value is inputted according to the value of Q1.

[Next page](#)

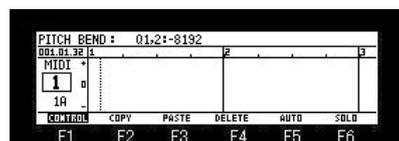
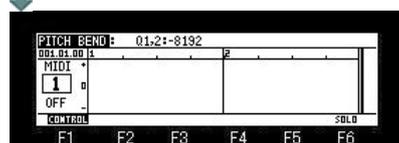
PITCH BEND, CONTROL CHANGE, CHANNEL PRESS, POLY PRESS, Edit Mode.



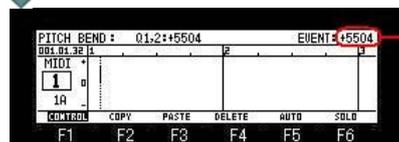
If F1 (CONTROL) key is pressed, pressing the [SHIFT] button, it will become the edit mode of PITCH BEND, CONTROL CHANGE, CHANNEL PRESS, and POLY PRESS.



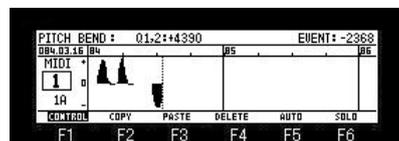
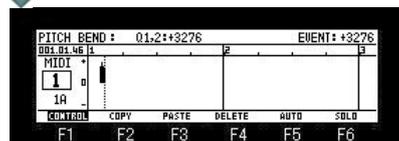
Please press the ▲ cursor button, move cursor to the upside parameter field and select a parameter to edit or input.



Please turn on LED of [OVER DUB] and move a marker to a location to input an event into.



Please input an event by Q1 and Q2 slider.



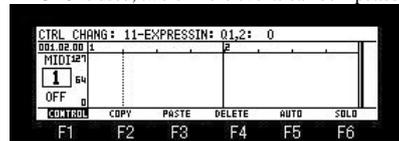
When you edit the inputted event, please move onto an event to edit a marker into and edit a value by a slider.

It is also possible to input an event, pressing the [PLAY] button and playing back a sequence.

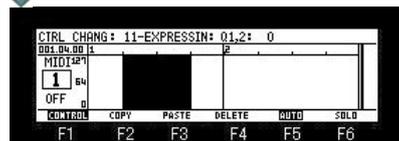
Even if it records by [REC] + [PLAY], only the parameter event of the track number displayed now is erased, and other parameter events are not erased.

In the case of the above figure, the event of new PITCH BEND is recorded, erasing only the event of PITCH BEND of a track 1.

If AUTO is used, two or more events can be inputted at the same time.

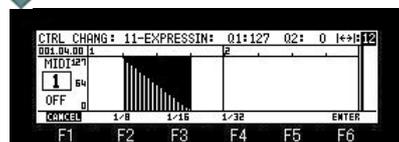


Please turn a DATA wheel, pressing F5 (AUTO) button and select the region which inputs an event.



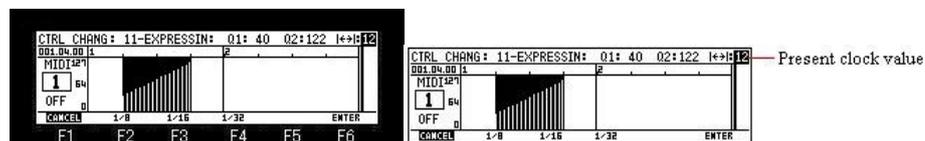
It is inputted into the range of a black screen.

A default value will be inputted if F5 (AUTO) button is released.

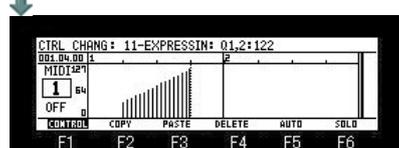


Please set the value of a start with Q1 slider.

Please set up the value of an end with Q2 slider.

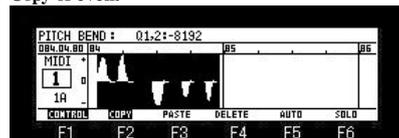


The event from the value of a start to the value of an end is inputted.
 The clock interval of an event can be changed by F2-F4 key, F2(1/8) = 48clocks, F3(1/16) = 24clocks, F4(1/32) = 12clocks.
 Arbitrary clocks (1-48) can be set by a DATA wheel.
 An input will be completed if F6 (ENTER) button is pressed.



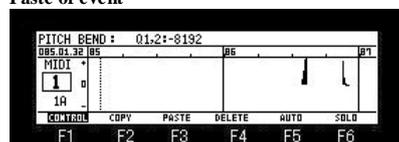
COPY, PASTE, DELETE

Copy of event

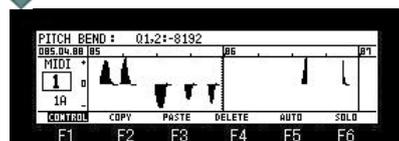


Please select the region to copy by a DATA wheel, pressing F2 (COPY) button.
 All the events to which the color became reverse are copied.
 When F2 (COPY) button is released, it is the completion of a copy.

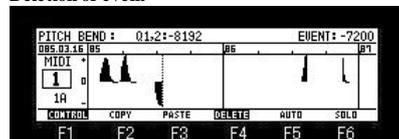
Paste of event



Please move a marker to the location which you want to paste, and press F3 (PASTE) button.



Deletion of event



If a DATA wheel is turned pressing F4 (DELETE) button, the event which the marker passed will be deleted.

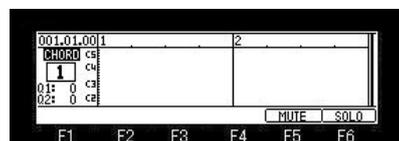
CHORD (GRID)

■ If CHORD is select in the type field, it will become an input mode of a chord.
 The chord currently assigned to the pad hit when the pad was hit is inputted.

Type field

Duration is set with Q1 slider.

The timing pronounced with Q2 slider is set.
 When a value is 0, it is pronounced simultaneously.
 When a value is 1, it is delay for 1 tick and pronounces.
 It is delay for a maximum of 96 ticks, and pronounces.



If the [WINDOW] button is pressed when cursor is in the type field, the window of "Pad to Chord" will open.

Pad to Chord

PAD	ROOT KEY	CHORD
A01	60C-3	01-M
A02	60C-3	01-M
A03	60C-3	01-M
A04	60C-3	01-M

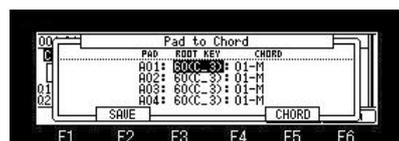
Chord number

Chord List

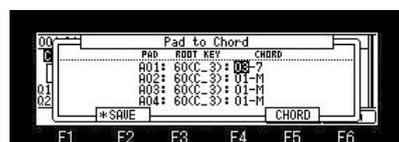
NAME	2	3	4	5	6
01:M	+4	E	+7	G	---
02:G	+4	F	+7	G	+9 A
03:F	+4	F	+7	G	+10 B#
04:M7	+4	F	+7	G	+11 B

SAVE CHORD

Please press the [WINDOW] button, for closing a window.

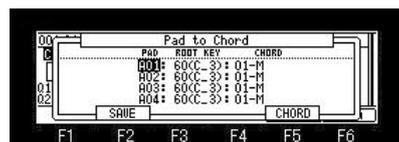


Please choose a key in the "ROOT KEY" field.

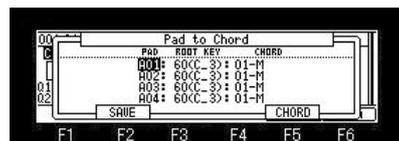
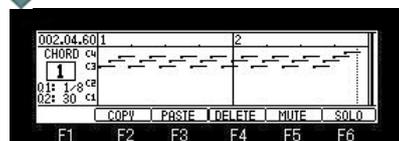


Please choose a chord number in the "CHORD" field.
 Change of a setup will display an asterisk on F2 (SAVE).

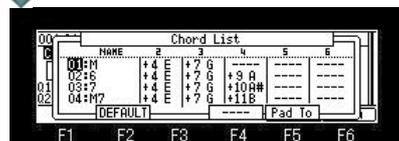
A setup changed when F2 (SAVE) button was pressed is saved at the flash memory of MPC, and an asterisk disappears.



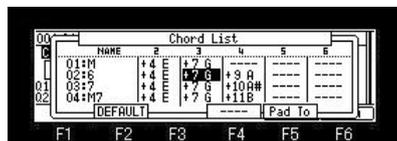
If [OVER DUB] is turned ON by the set of the above figure and a pad A01 is hit, the chord set to the chord number 01 by the key of the root C3 will be inputted.



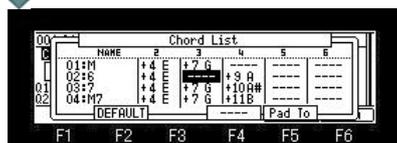
If F5 (CHORD) button is pressed, the window of "Chord List" will open.



A new chord can be created by setting the field of 2-6.
 Moreover, the audition of a chord can be performed if arbitrary pads are pressed.



A press on F4 (----) key will set a rest to the cursor.



If F2 (DEFAULT) button is pressed, it will return to a default setup altogether.

The contents of a setting of a "Pad to Chord" window and a "Chord List" window are saved to the flash memory of MPC, if a window is closed.

Note: An aftertouch is outputted as a channel pressure.

ARPEGGIATOR (GRID)

■ It will become the mode of arpeggiator if ARPGTR is chosen in the type field.

The pressed pad or keyboard is repeatedly performed, while being held.

When two or more pads or keyboards are held, it is pronounced towards a highest note from the lowest note.
Screen is displayed as type MIDI.

Type field

Setup of duration at Q1 slider.
The length of the sound to the note set up in the Q2 field is set.

Timing of pronunciation is setup with Q2 slider.

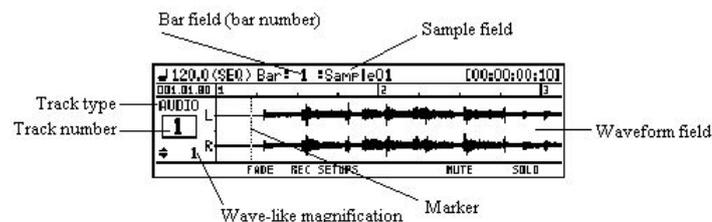
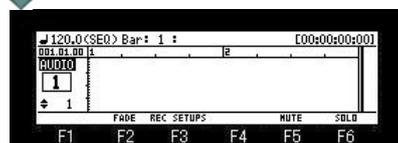
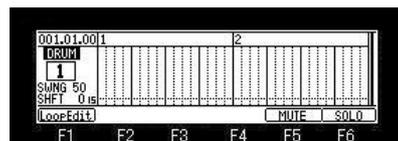
4 = 1/4note
4-3 = 1/4 note triplets
8 = 1/8note
8-3 = 1/8 note triplets
16 = 1/16 note
16-3 = 1/16 note triplets
32 = 1/32 note
32-3 = 1/32 note triplets

An event will be inputted, if [OVER DUB] is turned ON and a pad or a keyboard is pressed.

Note: An aftertouch is outputted as a channel pressure.

Grid Edit (AUDIO)

■ If the type of a track is select as "AUDIO" in the mode of [MODE]+PAD15, it will become the grid mode of an audio track.



■ Playing back a Sample



Please move cursor to the sample field and choose a sample by a DATA wheel.

Selection of a sample can also be chosen from the window of "Sample list" which will be opened if the [WINDOW] button is pressed.

If [PLAY] or the [PLAY START] button is pressed, playback of the selected sample will start.

If the [PLAY START] button is pressed, it will be played back from the start of a sample.

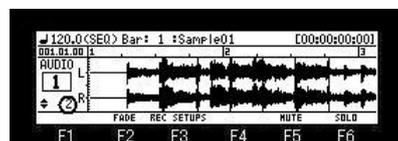
If the [PLAY] button is pressed, playback will be started from the present position.

If the ▲ cursor button is pressed, pressing the [SHIFT] button, cursor will be displayed on the sample field.

If the ▼ cursor button is pressed, it will return to a former state.

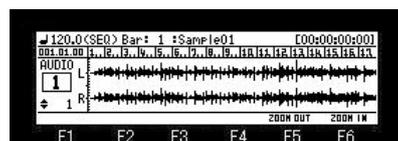
If the ◀ cursor button is pressed, cursor will be displayed on the track type field.

If the ▶ cursor button is pressed, it will return to a former state.



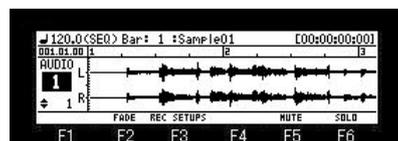
A waveform is expanded by ▲ cursor button. (x1,x2,x4,x8...x128)

The present magnification is displayed under the track number.

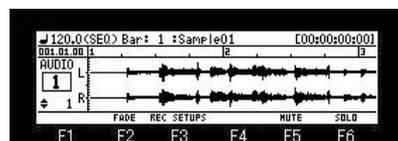


It is [SHIFT]+F5(ZOOM OUT) and is zoom out.

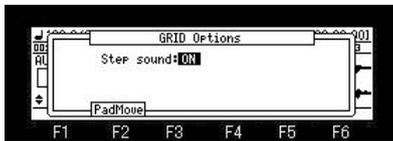
It is [SHIFT]+F6(ZOOM IN) and is zoom in.



If the [WINDOW] button is pressed when cursor is in the track field, the window of "Track list" will open.

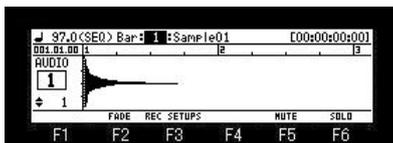
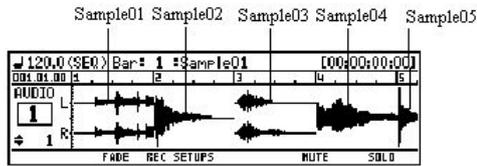


If the [WINDOW] button is pressed when cursor is not displayed, the window of "GRID Options" will open.

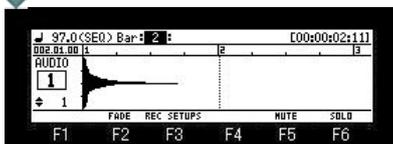


When the selection here is ON, it moves sounding the sound on cursor, while moving the cursor of the waveform field.

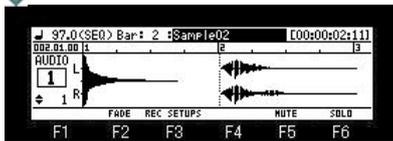
■ Samples is assignable to two or more bar positions.



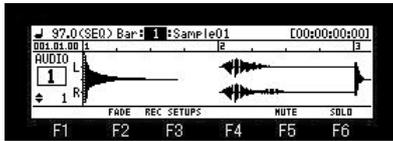
Please select the bar which moves cursor to the Bar field and assigns a sample.



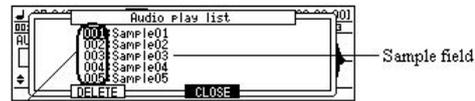
Please choose the sample assigned to the selected bar in the sample field.



In a setup of the above figure, as for a bar 1, Sample01 is played back and, as for a bar 2, Sample02 is played back.



If the [WINDOW] button is pressed when cursor is in the Bar field, the window of "Audio play list" will open.

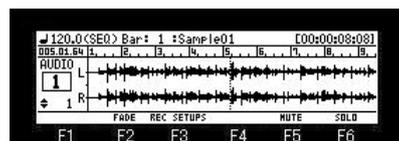


Start bar (Bars number) of the sample set in the right-hand side sample field

A setup chosen if F2 (DELETE) button is pressed is deleted.

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PAD LOCATE

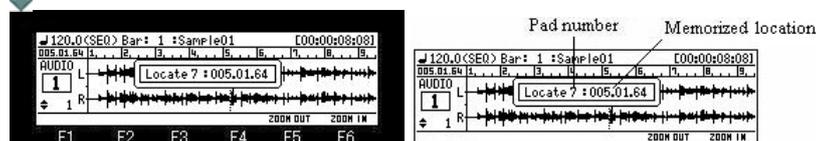


Arbitrary locations are memorizable to PAD. (PAD7-PAD16)

Please move a marker to the location to memorize, and press [SHIFT] + PAD.

If [SHIFT]+PAD is pressed during playback, the marker location at that time will be memorized by the pad.

If [SHIFT]+PAD7 is pressed in the state of the above figure, the present marker location will be memorized by PAD7.



If PAD7 is hit during playback, a marker will move to the location memorized by the pad and playback will be continued from the location.

If PAD7 is hit by the state where it has stopped, playback will be started from the location memorized by PAD7.

A memorizable pad is to PAD7-PAD16.

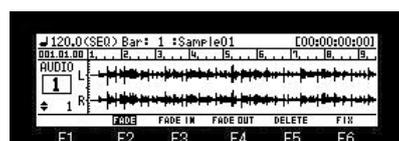
Note

Since it does not work during recording, performance using PAD LOCATE cannot be recorded.

Moreover, as shown in the following figure, the function is assigned to PAD1-PAD6. (Does not work during recording)



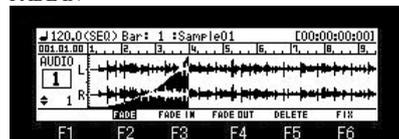
Fade in-out



If F2 (FADE) button is pressed, the character of FADE will be highlighted and it will become the editing mode of Fade in-out.

The mode will be canceled if F2 (FADE) key is pressed once again.

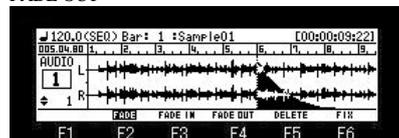
FADE IN



If a DATA wheel is turned to the right, pressing F3 (FADE IN) button, fade-in data will overlap with a sample waveform, and will be displayed.

Playback of a sample will change volume according to fade-in data.

FADE OUT



If a DATA wheel is turned to the right, pressing F4 (FADE OUT) button, fade-out data will overlap with a sample waveform, and will be displayed.

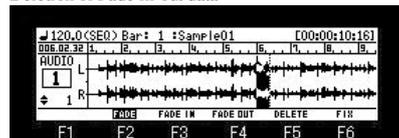
Playback of a sample will change volume according to fade-out data.

Note

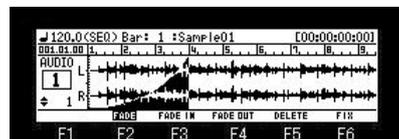
Any number of Fade in-out can be set.

However, that the effect of FIX is acquired is only the sample assigned to the bar 1.

Deletion of Fade in-out data



If a DATA wheel is turned pressing F5 (DELETE) button, the data of Fade in-out can be deleted.



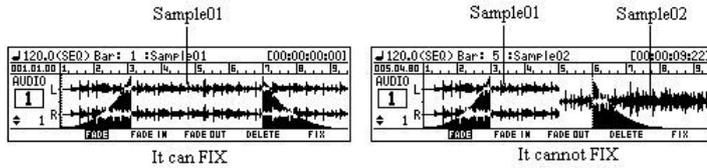
If F6 (FIX) key is pressed, the window of "Fade in/out fix" will open.



If F5 (DO IT) button is pressed, the volume of a sample will be changed according to Fade data. The changed sample cannot be restored.

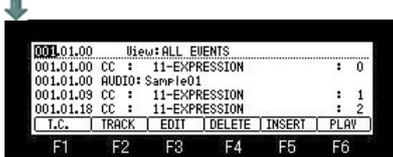
After-execution Fade data is deleted.

In addition, that the effect of FIX is acquired is only the sample assigned to the bar 1.



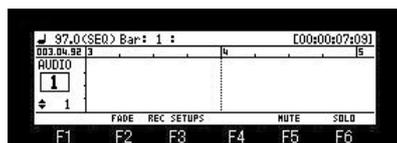
Fade data is recorded on the track of a sequence as MIDI EXPRESSION.

INSERT DELETE is possible on a STEP EDIT screen.

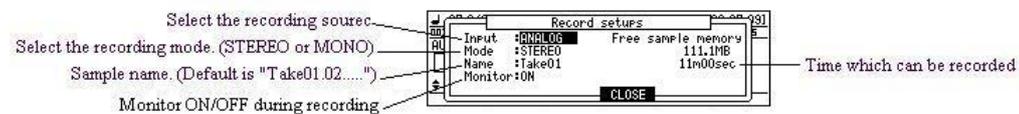


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Recording a sample

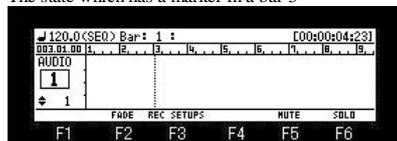


If F3 (REC SETUPS) button is pressed, the window of "Record setups" will open.
Please set if needed.



If the [REC]+[PLAY START] button is pressed, recording will be started from 001.01.00.
Recording will be stopped if the [STOP] button is pressed.

The state which has a marker in a bar 3



When the [REC]+[PLAY] button is pressed in the state of the above figure, recording is started from the bar of a current position.



A stop of recording will input automatically into the Bar field the bar with which the marker was located at the time of a start.
And recorded sample "Take01" is assigned to a bar.



Note

When the loop of a sequence is ON, recording is automatically stopped at the end of a loop.

When the loop of a sequence is OFF, the recording will continue until you press the [STOP] button.

And the number of the bar when you actually pressed the [STOP] button will be set as the new length for the sequence.

Note

[OVER DUB] button does not work.

Moreover, it cannot go to other mode during recording.

Change of a track cannot be performed, either.

Song

[MODE]+PAD16(Song mode)

You can set the order of multiple sequences and play them in a series.
Moreover, multiple sequences are convertible to one sequence.

Tempo field Song field Time code field

STEP	TEMP	SEQUENCE	REPEAT	BAR	TOTAL
1	97.0	01-DJ_Hip_Hop	1	25	25
2	96.0	02-Muskool_Beat	1	16	41
3	96.0	03-III_Hip_Hop	1	24	65
4		(end of song)			

F1 F2 F3 F4 F5 F6

STEP field

F1 F2 F3 F4 F5 F6

The step number is displayed.

You can scroll through the list by turning the DATA wheel.

Tempo field

F1 F2 F3 F4 F5 F6

Displays the tempo of the selected sequence.

You can change the tempo of the sequence, but if you are using the same sequence in another step, the tempo of that sequence will be changed as well.

If the [WINDOW] button is pressed, a "Tempo Change" window will open.

F1 F2 F3 F4 F5 F6

NO: The MPC will execute the tempo change events in the sequence.

YES: The MPC will ignore the tempo change events in the sequence.

F1 F2 F3 F4 F5 F6

If F5 (FIX) button is pressed, all the tempo of each sequence can be changed into the same tempo.

F1 F2 F3 F4 F5 F6

In the Fix tempo field, select the desired tempo.

F1 F2 F3 F4 F5 F6

If F3 (DO IT) button is pushed, all the sequences used in the song will be set to the tempo that is set in the Fix tempo field.

F1 F2 F3 F4 F5 F6

SEQUENCE field

STEP	TIME	SEQUENCE	REPEAT	BAR	TOTAL
1	97,0	01-DJ-Hip_Hop	1	25	25
2	99,0	02-Nuskool_Beat	1	16	41
3	96,0	03-III_Hip_Hop	1	24	65
4		(end of sons)			

(MiscDown) CONVERT | DELETE | INSERT

F1 F2 F3 F4 F5 F6

You can assign the sequences in this field by turning the DATA wheel.

REPEAT field

STEP	TIME	SEQUENCE	REPEAT	BAR	TOTAL
1	97,0	01-DJ-Hip_Hop	3	25	75
2	99,0	02-Nuskool_Beat	1	16	91
3	96,0	03-III_Hip_Hop	1	24	115
4		(end of sons)			

(MiscDown) CONVERT | DELETE | INSERT

F1 F2 F3 F4 F5 F6

You can set the number of times to repeat the sequence.

If you set 0, the MPC will finish the play back after the previous step.

It will not play the next step.

STEP	TIME	SEQUENCE	REPEAT	BAR	TOTAL
1	97,0	01-DJ-Hip_Hop	HOLD	25	25
2	99,0	02-Nuskool_Beat	1	16	41
3	96,0	03-III_Hip_Hop	1	24	65
4		(end of sons)			

(MiscDown) CONVERT | DELETE | INSERT

F1 F2 F3 F4 F5 F6

If you set HOLD, MPC will repeat the sequence until F4 (SUDDEN) or the F6 (NEXT) button is pressed.

STEP	TIME	SEQUENCE	REPEAT	BAR	TOTAL
1	97,0	01-DJ-Hip_Hop	HOLD	25	25
2	99,0	02-Nuskool_Beat	1	16	60
3	96,0	03-III_Hip_Hop	1	24	74
4		(end of sons)			

(SUDDEN) | (NEXT)

F1 F2 F3 F4 F5 F6

BARS field

Displays the number of bars of the selected sequence.

This field only displays the number of bars, you cannot make any changes in this field.

TOTAL field

The number of total bars is displayed.

Song field

You can set the song number in this field.

The song name will be displayed to the right of the number.

If there is an unused song, it is displayed as (unused).

STEP	TIME	SEQUENCE	REPEAT	BAR	TOTAL
1	97,0	01-DJ-Hip_Hop	1	25	25
2	99,0	02-Nuskool_Beat	1	16	41
3	96,0	03-III_Hip_Hop	1	24	65
4		(end of sons)			

(MiscDown) CONVERT | DELETE | INSERT

F1 F2 F3 F4 F5 F6

If the [WINDOW] button is pressed, a "Song" window will open.

Song	
Song name:	Hop Tracks
DELETE CLOSE COPY	

F1 F2 F3 F4 F5 F6

Song name can be edited.

Song	
Song name:	Hop Tracks
DELETE CLOSE COPY	

F1 F2 F3 F4 F5 F6

If F2 (DELETE) button is pressed, a "Delete Song" window will open.

Delete Song	
Song:	01-Hip Hop Tracks
Pressing DO IT will erase this song!!	
ALL SG CANCEL DO IT	

F1 F2 F3 F4 F5 F6

Please select Song who wants to delete in the Song field.

Deletion will be performed if F5 (DO IT) button is pressed.

If you want to delete all the Song, please press F3 (ALL SG) button.

A "Delete ALL Songs" window will open.

Delete ALL songs	
Pressing DO IT will erase ALL songs!!	
CANCEL DO IT	

F1 F2 F3 F4 F5 F6

If F5 (DO IT) button is pressed, all the Song will be deleted.



If F5 (COPY) button is pressed, a "Copy Song" window will open.



Please select Song that you wish to copy in the upper Song field.

Next, please select the Song number of a copy destination in the lower Song field.

A copy will be performed if F3 (DO IT) button is pressed.

Time code field

The time code is displayed. (Hour: Minutes: Seconds: Frame)



If the [WINDOW] button is pressed, a "Start Time" window will open.



Please refer to "[Midi/Sync\(MMC-MTC-CLOCK\)](#)" for a time code.

Playing a song

You can play the song by pressing the [PLAY START] button.

To play from the middle of the song, select the position that you wish to start the playback, using the cursor, and press the [PLAY] button.

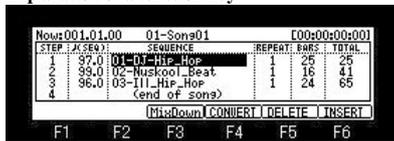
During the playback, the function key will change as follows.



If you press F4 (SUDDEN) button during the playback, will skip to the next step before it finishes the current sequence.

If you press F6 (NEXT) button during the play back, will skip to the next step after it finishes playing back the current sequence regardless of the number of repeats in the REPEAT field.

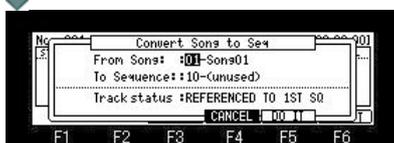
Explanation of a function key



Please refer to "[Mix down](#)" for F3 (MixDown) button.



If F4 (CONVERT) button is pressed, a "Convert Song to Seq" window will open.



You can convert a song to one long sequence.

1. In the From song field, select the song that you wish to convert.
2. In the To seq field, select the destination sequence number.
3. In the Track status field, select the track status after conversion to a sequence.

REFERENCED TO 1ST SQ:	The setting data of each track in the 1st Sequence of the Song will be used for all tracks in the following sequences.
MUTE TRACKS IGNORED:	The muted tracks in the sequences of the Song will not be converted. (The setting data of each track in the 1st Sequence of the Song will be used for all tracks in the following sequences.)
MERGE ON MIDI CH:	Only the track with which the MIDI OUT channel of each sequence is set is converted. Moreover, only the event data of a track is converted. The track in the sequence of the Song will be merged to the track according to the MIDI output channel. The track data of MIDI output channels 1A-16A will be merged to tracks 1-16. The track data of MIDI output channels 1B-16B will be merged to track 17-32. The track data of MIDI output channels 1C-16C will be merged to track 33-48. (Only MPC2500) The track data of MIDI output channels 1D-16D will be merged to track 49-64. (Only MPC2500)

Example 1

STEP1 = SEQ 1 TRACK 1 MIDI OUT 1A TRACK 2 MIDI OUT 3A

STEP2 = SEQ 2 TRACK 1 MIDI OUT 16A

STEP3 = SEQ 3 TRACK 1 MIDI OUT 1B

The conversion result in this case is as follows.

The data of TRACK 1 of SEQ 1 is converted to TRACK 1, and the data of TRACK 2 is converted to TRACK 3.

The data of TRACK 1 of SEQ 2 is converted to TRACK 16.

The data of TRACK 1 of SEQ 3 is converted to TRACK 17.

Example 2

STEP1 = SEQ 1 TRACK 1 MIDI OUT 1A TRACK 2 MIDI OUT 1A

STEP2 = SEQ 2 TRACK 1 MIDI OUT 1A

STEP3 = SEQ 3 TRACK 1 MIDI OUT 1A

The conversion result in this case is as follows.

The data of TRACK 1 of SEQ 1 is converted to TRACK 1.

The data of TRACK 2 is merged and converted to TRACK 1.

The data of TRACK 1 of SEQ 2 is converted to TRACK 1.

The data of TRACK 1 of SEQ 3 is converted to TRACK 1.

4. A conversion will be performed if F5 (DO IT) button is pressed.

Deleting a step

STEP	A:SEQ#	SEQUENCE	REPEAT	BAR#	TOTAL
1	97,0	01-DJ_Hip_Hop	1	25	25
2	99,0	02-Nuskool_Beat	1	16	41
3	96,0	03-111_Hip_Hop	1	24	65
4		(end of song)			

(HitDown) CONVERT DELETE INSERT

F1 F2 F3 F4 F5 F6

If F5 (DELETE) button is pressed, the selected step is deleted and the following steps will be moved forward.

STEP	A:SEQ#	SEQUENCE	REPEAT	BAR#	TOTAL
1	99,0	02-Nuskool_Beat	1	16	16
2	96,0	03-111_Hip_Hop	1	24	40
3		(end of song)			

(HitDown) CONVERT DELETE INSERT

F1 F2 F3 F4 F5 F6

Inserting a step

STEP	A:SEQ#	SEQUENCE	REPEAT	BAR#	TOTAL
1	97,0	01-DJ_Hip_Hop	1	25	25
2	99,0	02-Nuskool_Beat	1	16	41
3	96,0	03-111_Hip_Hop	1	24	65
4		(end of song)			

(HitDown) CONVERT DELETE INSERT

F1 F2 F3 F4 F5 F6

If F6 (INSERT) button is pushed, a new step with the same contents as the selected step will be inserted right before the selected step.

STEP	A:SEQ#	SEQUENCE	REPEAT	BAR#	TOTAL
1	97,0	01-DJ_Hip_Hop	1	25	25
2	97,0	01-DJ_Hip_Hop	1	25	50
3	99,0	02-Nuskool_Beat	1	16	66
4	96,0	03-111_Hip_Hop	1	24	90

(HitDown) CONVERT DELETE INSERT

F1 F2 F3 F4 F5 F6

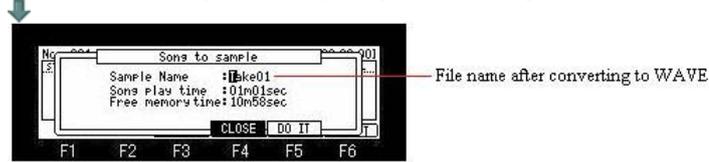
Mix Down

■ A sequence is converted to WAVE.

[MODE]+PAD16



Please choose a sequence to convert to WAVE in the mode of a song.
If F3(MixDown) button is pressed, a "Song to sample" window will open.



When you change the file name after being converted to WAVE, please turn and edit a DATA wheel.
If F5 (DO IT) button is pressed, playback of a sequence and the recording of MAIN OUT will be started. (A sequence is converted to WAVE)



When a sequence is played to the end, recording is also stopped, and the WAVE file by which the sequence was recorded (MAIN OUT was recorded) is made.
In the case of the above figure, the WAVE file of the name of Take01 is made.

Global Program Edit

In the mode of [MODE]+PAD7 or PAD11, a setup of PROGRAM, MXER, and EFFECT can be performed globally.

Track number	Program name	Type of a program (DRUM, INST)	Play POL V
Tr: 1:002-DJ-Hip_Set		(DRUM)	
36C_1A01	DJ_RUBS	MONO	FOR 100+00.00
37C#1A02	DJTK&H1	MONO	FOR 100+00.00
38D_1A03	DJTK&H2	MONO	FOR 100+00.00
39D#1A04	DJ_SHAKE	MONO	FOR 100+00.00

POLY: Two or more notes can be pronounced simultaneously.
 MONO: Two or more notes are not pronounced simultaneously.
 Only one note is pronounced.

Creating a program

The creation method of a new program

Tr: 1:---	OFF	(DRUM)	Play POL V
36C_1A01			FOR 80+00.00
37C#1A02			FOR 80+00.00
38D_1A03			FOR 80+00.00
39D#1A04			FOR 80+00.00

If the [WINDOW] button is pressed when cursor is in the Program field, the window of "Program list" will open.

Tr: 1:---	Program list
001:	
002:	
003:	
004:	
005:	

If F3 (NEW) button is pressed, the window of "New Program" will open.

Tr: 1:---	New Program
001:	New name: Program01
002:	(DRUM) Create DRUM program
003:	(INST) Create INST program
004:	
005:	

If F3 (DRUM) button is pressed, if the program of DRUM presses F4 (INST) button, it will create the program of INST (Instruments).

Tr: 1:---	OFF	(DRUM)	Play POL V
36C_1A01			FOR 80+00.00
37C#1A02			FOR 80+00.00
38D_1A03			FOR 80+00.00
39D#1A04			FOR 80+00.00

When the program field is "OFF" or "Unused", if cursor button is pressed, a new program will be made automatically.

Tr: 1:001-	Program01	(DRUM)	Play POL V
36C_1A01			FOR 80+00.00
37C#1A02			FOR 80+00.00
38D_1A03			FOR 80+00.00
39D#1A04			FOR 80+00.00

Tr: 1:001-	Program01	(DRUM)	Play POL V
42F#1A07			FOR 80+00.00
43G_1A08			FOR 80+00.00
44G#1A09			FOR 80+00.00
45A_1A10			FOR 80+00.00

The type of a program can be changed if a DATA wheel is turned in the type field.

Tr: 1:001-	Program01	(INST)	NON-OVERLAP
21			80
109			80
109			80

Basic operation in case the type of a program is DRUM

Tr: 1:002-DJ-Hip_Set	(DRUM)	Play POL V
36C_1A01	DJ_RUBS	MONO FOR 100+00.00
37C#1A02	DJTK&H1	MONO FOR 100+00.00
38D_1A03	DJTK&H2	MONO FOR 100+00.00
39D#1A04	DJ_SHAKE	MONO FOR 100+00.00

If the cursor button is pressed, cursor will move to the parameter field.

Tr: 1:002-DJ-Hip_Set	(DRUM)	Play POL V
36C_1A01	DJ_RUBS	MONO FOR 100+00.00
37C#1A02	DJTK&H1	MONO FOR 100+00.00
38D_1A03	DJTK&H2	MONO FOR 100+00.00
39D#1A04	DJ_SHAKE	MONO FOR 100+00.00

If the [SHIFT]+cursor button is pressed, cursor will move to the Program field.

Tr: 1:002-DJ-Hip_Set (DRUM) Play: POLV			
WID LIN PAD	SAMPLE	SOUND CHRP DIR	LEV TUNE
36C#1	A01	DJ_RUBES	MNDM --- FOR 100+00.00
37C#1	A02	DJ_KIK&H1	MNDM --- FOR 100+00.00
38D#1	A03	DJ_KIK&H2	MNDM --- FOR 100+00.00
39D#1	A04	DJ_SHAKE	MNDM --- FOR 100+00.00

LSAMPLE | AMP | FILTER | PITCH | LFOMUTE | OUT FX

F1 F2 F3 F4 F5 F6

The value of a parameter will be copied if the ▲ or ▼ cursor button is pressed pressing a pad. (It can do also in TAP TEMPO+▲ or ▼)

Tr: 1:002-DJ-Hip_Set (DRUM) Play: POLV			
WID LIN PAD	SAMPLE	SOUND CHRP DIR	LEV TUNE
36C#1	A01	Sample01	MNDM --- FOR 100+00.00
37C#1	A02	Sample01	MNDM --- FOR 100+00.00
38D#1	A03	Sample01	MNDM --- FOR 100+00.00
39D#1	A04	Sample01	MNDM --- FOR 100+00.00

LSAMPLE | AMP | FILTER | PITCH | LFOMUTE | OUT FX

F1 F2 F3 F4 F5 F6

For example, when you want to copy "Sample01" of A01 to A04 from A02 in the state of the above figure

If cursor is moved to A04 by ▼ cursor button, pressing PAD1, the sample of A01 will be copied from A02 to A04.

Tr: 1:002-DJ-Hip_Set (DRUM) Play: POLV			
WID LIN PAD	SAMPLE	SOUND CHRP DIR	LEV TUNE
36C#1	A01	Sample01	MNDM --- FOR 100+00.00
37C#1	A02	Sample01	MNDM --- FOR 100+00.00
38D#1	A03	Sample01	MNDM --- FOR 100+00.00
39D#1	A04	Sample01	MNDM --- FOR 100+00.00

LSAMPLE | AMP | FILTER | PITCH | LFOMUTE | OUT FX

F1 F2 F3 F4 F5 F6

Tr: 1:002-DJ-Hip_Set (DRUM) Play: POLV			
WID LIN PAD	SAMPLE	SOUND CHRP DIR	LEV TUNE
36C#1	A01	Sample01	MNDM --- FOR 85+00.00
37C#1	A02	Sample01	MNDM --- FOR 85+00.00
38D#1	A03	Sample01	MNDM --- FOR 85+00.00
39D#1	A04	Sample01	MNDM --- FOR 85+00.00

LSAMPLE | AMP | FILTER | PITCH | LFOMUTE | OUT FX

F1 F2 F3 F4 F5 F6

Moreover, if cursor is moved to A01 by ▲ cursor button, pressing PAD4 in the state of the above figure, the result of the following figure will be obtained.

Tr: 1:002-DJ-Hip_Set (DRUM) Play: POLV			
WID LIN PAD	SAMPLE	SOUND CHRP DIR	LEV TUNE
36C#1	A01	Sample01	MNDM --- FOR 85+00.00
37C#1	A02	Sample01	MNDM --- FOR 85+00.00
38D#1	A03	Sample01	MNDM --- FOR 85+00.00
39D#1	A04	Sample01	MNDM --- FOR 85+00.00

LSAMPLE | AMP | FILTER | PITCH | LFOMUTE | OUT FX

F1 F2 F3 F4 F5 F6

The value of LEVEL of A04 is copied to A03-A01.

If a pad is hit pressing the [UNDO SEQ] button, the value on cursor will be copied to the hit pad.

Tr: 1:002-DJ-Hip_Set (DRUM) Play: POLV			
WID LIN PAD	SAMPLE	SOUND CHRP DIR	LEV TUNE
36C#1	A01	Sample01	MNDM --- FOR 100+00.00
37C#1	A02	Sample01	MNDM --- FOR 100+00.00
38D#1	A03	Sample01	MNDM --- FOR 100+00.00
39D#1	A04	Sample01	MNDM --- FOR 100+00.00

LSAMPLE | AMP | FILTER | PITCH | LFOMUTE | OUT FX

F1 F2 F3 F4 F5 F6

If PAD2 and PAD4 are hit pressing the [UNDO SEQ] button in the state of the above figure, the result of the following figure will be obtained.

Tr: 1:002-DJ-Hip_Set (DRUM) Play: POLV			
WID LIN PAD	SAMPLE	SOUND CHRP DIR	LEV TUNE
36C#1	A01	Sample01	MNDM --- FOR 100+00.00
37C#1	A02	Sample01	MNDM --- FOR 100+00.00
38D#1	A03	Sample01	MNDM --- FOR 100+00.00
39D#1	A04	Sample01	MNDM --- FOR 100+00.00

LSAMPLE | AMP | FILTER | PITCH | LFOMUTE | OUT FX

F1 F2 F3 F4 F5 F6

"Sample01" of A01 is copied to A02 and A04.

If a pad is hit pressing the [UNDO SEQ] button when cursor is in the PAD field, it will copy to the pad which hit the pad data of the cursor position.

Tr: 1:002-DJ-Hip_Set (DRUM) Play: POLV			
WID LIN PAD	SAMPLE	SOUND CHRP DIR	LEV TUNE
36C#1	A01	Sample01	MNDM --- FOR 85+08.00
37C#1	A02	Sample01	MNDM --- FOR 100+00.00
38D#1	A03	Sample01	MNDM --- FOR 100+00.00
39D#1	A04	Sample01	MNDM --- FOR 100+00.00

LSAMPLE | AMP | FILTER | PITCH | LFOMUTE | OUT FX

F1 F2 F3 F4 F5 F6

If PAD3 is hit pressing the [UNDO SEQ] button in the state of the above figure, the result of the following figure will be obtained.

Tr: 1:002-DJ-Hip_Set (DRUM) Play: POLV			
WID LIN PAD	SAMPLE	SOUND CHRP DIR	LEV TUNE
36C#1	A01	Sample01	MNDM --- FOR 100+00.00
37C#1	A02	Sample01	MNDM --- FOR 100+00.00
38D#1	A03	Sample01	MNDM --- FOR 100+00.00
39D#1	A04	Sample01	MNDM --- FOR 100+00.00

LSAMPLE | AMP | FILTER | PITCH | LFOMUTE | OUT FX

F1 F2 F3 F4 F5 F6

All the values of the parameter of A01 are copied to A03. (Copy of a pad)

If the ▼ cursor button is pressed, pressing the [SHIFT] button, two or more pads can be chosen.

Tr: 1:002-DJ-Hip_Set (DRUM) Play: POLV			
WID LIN PAD	SAMPLE	SOUND CHRP DIR	LEV TUNE
36C#1	A01	DJ_RUBES	MNDM --- FOR 100+00.00
37C#1	A02	DJ_KIK&H1	MNDM --- FOR 100+00.00
38D#1	A03	DJ_KIK&H2	MNDM --- FOR 100+00.00
39D#1	A04	DJ_SHAKE	MNDM --- FOR 100+00.00

LSAMPLE | AMP | FILTER | PITCH | LFOMUTE | OUT FX

F1 F2 F3 F4 F5 F6

For example, if cursor is moved to A03 by ▼ cursor button, pressing the [SHIFT] button in the state of the above figure will be obtained.

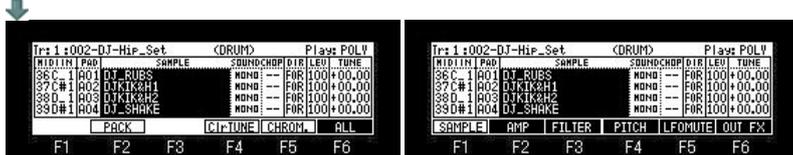


When you cancel two or more selections of a pad, please press F6 (ALL) button, pressing the [SHIFT] button.

If F6 (ALL) button is pressed, pressing the [SHIFT] button, the value of the parameter of all the pads can be changed at the same time.



If F6 (ALL) button is pressed, pressing the [SHIFT] button in the state of the above figure, it will become ALL mode as shown in the following figure.



When you cancel ALL mode, please press F6 (ALL) button, pressing the [SHIFT] button.

Note: The value of a parameter can be set also with Q1 slider.

[Next page](#)

■ A program and samples are packed and it is made one file.

TRIM	PGM	SAMPLE	SOUND	CHAR	DIR	LEV	TUNE
Tr:1	002	DJ-Hip_Set	(DRUM)				Play: POL V
36C	1	A01	DJ_RUBS				FOR 100+00.00
37C	1	A02	DJKIK&H1				FOR 100+00.00
38D	1	A03	DJKIK&H2				FOR 100+00.00
39D	1	A04	DJ_SHAKE				FOR 100+00.00

SAMPLE | AMP | FILTER | PITCH | LFOMUTE | OUT FX
 F1 F2 F3 F4 F5 F6

If [SHIFT]+F2 (PACK) button is pressed, the window of "Sample Packing" will open.

TRIM	PGM	SAMPLE	SOUND	CHAR	DIR	LEV	TUNE
Tr:1	002	DJ-Hip_Set	(DRUM)				Play: POL V
36C	1	A01	DJ_RUBS				FOR 100+00.00
37C	1	A02	DJKIK&H1				FOR 100+00.00
38D	1	A03	DJKIK&H2				FOR 100+00.00
39D	1	A04	DJ_SHAKE				FOR 100+00.00

PACK | CIR TUNE | CHROM | ALL
 F1 F2 F3 F4 F5 F6

TRIM	PGM	SAMPLE	SOUND	CHAR	DIR	LEV	TUNE
Tr:1	002	DJ-Hip_Set	(DRUM)				Play: POL V
36C	1	A01	DJ_RUBS				FOR 100+00.00
37C	1	A02	DJKIK&H1				FOR 100+00.00
38D	1	A03	DJKIK&H2				FOR 100+00.00
39D	1	A04	DJ_SHAKE				FOR 100+00.00

ALL PGM | CANCEL | DO IT
 F1 F2 F3 F4 F5 F6

If F5 (DO IT) button is pressed, a program and samples will be packed and it will be made one file. Moreover, an original sample is deleted. (The sample for which other programs are used is not deleted.)

TRIM	PGM	SAMPLE	SOUND	CHAR	DIR	LEV	TUNE
Tr:1	002	DJ-Hip_Set	(DRUM)				Play: POL V
36C	1	A01	DJ_RUBS				FOR 100+00.00
37C	1	A02	DJKIK&H1				FOR 100+00.00
38D	1	A03	DJKIK&H2				FOR 100+00.00
39D	1	A04	DJ_SHAKE				FOR 100+00.00

SAMPLE | AMP | FILTER | PITCH | LFOMUTE | OUT FX
 F1 F2 F3 F4 F5 F6

As for the packed program, the mark of P is displayed.

TRIM	PGM	SAMPLE	SOUND	CHAR	DIR	LEV	TUNE
Tr:1	002	DJ-Hip_Set	(DRUM)				Play: POL V
36C	1	A01	DJ_RUBS				FOR 100+00.00
37C	1	A02	DJKIK&H1				FOR 100+00.00
38D	1	A03	DJKIK&H2				FOR 100+00.00
39D	1	A04	DJ_SHAKE				FOR 100+00.00

SAMPLE | AMP | FILTER | PITCH | LFOMUTE | OUT FX
 F1 F2 F3 F4 F5 F6

Notes

The program for which 64 or more samples are used cannot be packed.

The packed sample is not displayed in the trim and the sample list.

The sample packed when the packed program was deleted is also deleted together.

Even if it packs, the capacity of a memory does not increase.

If a sample is packed, 999 or more samples can be treated.

Moreover, load time will become early somewhat, when it is the program for which many samples are used.

TRIM	PGM	SAMPLE	SOUND	CHAR	DIR	LEV	TUNE
Tr:1	002	DJ-Hip_Set	(DRUM)				Play: POL V
36C	1	A01	DJ_RUBS				FOR 100+00.00
37C	1	A02	DJKIK&H1				FOR 100+00.00
38D	1	A03	DJKIK&H2				FOR 100+00.00
39D	1	A04	DJ_SHAKE				FOR 100+00.00

SAMPLE | AMP | FILTER | PITCH | LFOMUTE | OUT FX
 F1 F2 F3 F4 F5 F6

The sample which has not been packed cannot be assigned to the packed program. However, packed samples can be exchanged. (It cannot do, when a program is INST.)

TRIM	PGM	SAMPLE	SOUND	CHAR	DIR	LEV	TUNE
Tr:1	002	DJ-Hip_Set	(DRUM)				Play: POL V
36C	1	A01	HIP TREE				FOR 100+00.00
37C	1	A02	HIP TRK				FOR 100+00.00
38D	1	A03	HIP TRK				FOR 100+00.00
39D	1	A04	HIP FILT				FOR 100+00.00

SAMPLE | AMP | FILTER | PITCH | LFOMUTE | OUT FX
 F1 F2 F3 F4 F5 F6

Save#	PROGRAM	INTERNAL
001	Arr_Name	<input type="checkbox"/> ALL_SAMPLES
002	DJ-Hip_Set	<input type="checkbox"/> Arr_Name
003	E_Kit	<input type="checkbox"/> DJ-Hip_Set
004	Ill_Hip_Set	<input type="checkbox"/> E_Kit

LOAD | SAVE | USB | NEW | DO IT
 F1 F2 F3 F4 F5 F6

In save mode, it is displayed as a program.

INTERNAL	PROGRAM	SIZE
<input type="checkbox"/>	Standard_Set	.PGM 10K
<input type="checkbox"/>	Str&Bass	.PGM 10K
<input type="checkbox"/>	E_Kit	.PGM 10K
<input type="checkbox"/>	DJ-Hip_Set	.PAC 1M
<input type="checkbox"/>	57_KICK	.WAV 23K

LOAD | SAVE | USB | DO IT
 F1 F2 F3 F4 F5 F6

In the packed program, an extension becomes a file of "PAC".

■ All the programs are packed.

TRIM	PGM	SAMPLE	SOUND	CHAR	DIR	LEV	TUNE
Tr:1	002	DJ-Hip_Set	(DRUM)				Play: POL V
36C	1	A01	DJ_RUBS				FOR 100+00.00
37C	1	A02	DJKIK&H1				FOR 100+00.00
38D	1	A03	DJKIK&H2				FOR 100+00.00
39D	1	A04	DJ_SHAKE				FOR 100+00.00

ALL PGM | CANCEL | DO IT
 F1 F2 F3 F4 F5 F6

If F3 (ALL PGM) button is pressed in the window of "Sample Packing", the window of "Pack ALL Programs" will open.

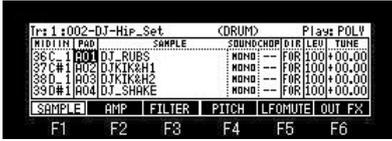
TRIM	PGM	SAMPLE	SOUND	CHAR	DIR	LEV	TUNE
Tr:1	002	DJ-Hip_Set	(DRUM)				Play: POL V
36C	1	A01	DJ_RUBS				FOR 100+00.00
37C	1	A02	DJKIK&H1				FOR 100+00.00
38D	1	A03	DJKIK&H2				FOR 100+00.00
39D	1	A04	DJ_SHAKE				FOR 100+00.00

PROGRAM01+Samples | Program01.PAC
PROGRAM02+Samples | Program02.PAC
PROGRAMNN+Samples | ProgramNN.PAC
CANCEL | DO IT
 F1 F2 F3 F4 F5 F6

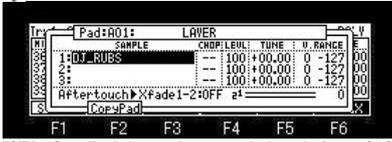
If the F5(DO IT) button is pressed, all programs will be packed.

Copy Pad

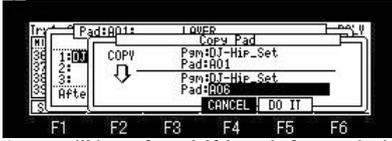
■ The data of a pad is copied to other pads.



Please move cursor to the pad that you wish to copy in the PAD field of a program mode. Next, please press the [WINDOW] button and open the window of "LAYER".



If F2 (CopyPad) button is pressed, the window of "Copy Pad" will open.



A copy will be performed, if the pad of a copy destination is chosen and F5 (DO IT) button is pressed.

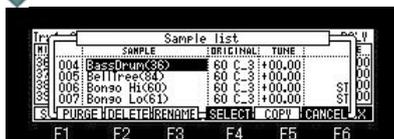
SAMPLE



MIDI IN:	MIDI NOTE 36-99 is A01-D16 of a pad. (This setup cannot be changed.) NOTE 24-35 in case a program is DRUM is converted to NOTE 88-99. Therefore, when NOTE 24 is received, the sample currently assigned to NOTE 88 (PAD D05) is pronounced.
PAD:	The pad number is displayed.
SAMPLE:	The sample assigned to a pad is set.
SOUND:	The sample of a stereo can be switched to a mono. Mono of only L or R and mono of L+R can be select. The number of the voice used even if it switches to mono is the same.
CHOP:	The sample from which the "Chop" field is set to ON by TRIM can select a Chop number. Please refer to " Non-Destructive Chop ".
DIR:	The playback direction of a sample is select. "FOR" is played back to a forward direction. "REV" is played back to an reverse direction.
LEV:	The volume of a sample is set.
TUNE:	The pitch of a sample is set. (+/- 3 octave can be set.)

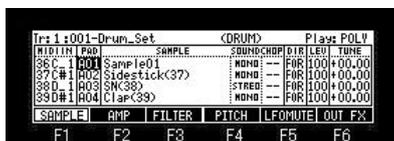


If the [WINDOW] button is pressed, the window of "Sample list" will open.

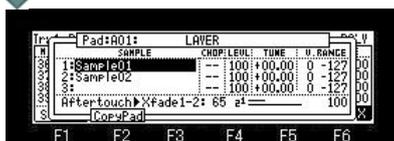


Please refer to a "sample list" for the window of "[Sample List](#)".

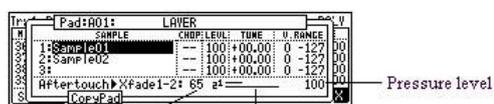
■ Sample Layer Crossfade (Cross fade of the sample of layers 1 and 2 can be carried out by aftertouch.)



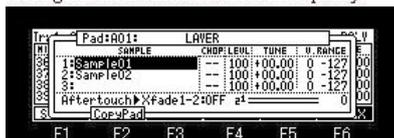
If cursor is moved to the PAD field and the [WINDOW] button is pressed, the window of "LAYER" will open.



Please choose the sample which carries out cross fade by aftertouch with layers 1 and 2, and set up the value of Depth.



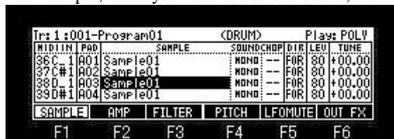
Depth
The depth of cross fade is adjusted.
A larger number carries out cross fade quickly.



Please refer to "[Ccopy pad](#)" for F2 (CopyPad).

■ Auto chromatic assignment. (PAD of the cursor position is set to TUNE 00.00, and the value of TUNE is fluctuated 01.00 (half tone) every.)

For example, when you want to use one sound, making it into a chromatic scale



Please choose the sample which makes a chromatic scale in the SAMPLE column.

If [SHIFT]+F5 (CHROM.) button is pressed, PAD of the cursor position will be set to TUNE 00.00, and the value of TUNE will be fluctuated 01.00 (half tone) every. (A maximum of +/- 3 octave)

If [SHIFT]+F5 (CHROM.) button is pressed in the case of the above figure, the result of the following figure will be obtained.

Tr: 1:001-Program01		(DRUM)		Play: POL V	
MIDI IN	PAD	SAMPLE	SOUNDCHAP	DIR	LEV. TUNE
36 C-1	A01	Sample01	MND	--	F00 +00.00
37 C#1	A02	Sample01	MND	--	F00 +00.00
38 D-1	A03	Sample01	MND	--	F00 +00.00
39 D#1	A04	Sample01	MND	--	F00 +00.00

F1 F2 F3 F4 F5 F6

[SHIFT] +F5 (CHROM.) button is pressed.

Tr: 1:001-Program01		(DRUM)		Play: POL V	
MIDI IN	PAD	SAMPLE	SOUNDCHAP	DIR	LEV. TUNE
36 C-1	A01	Sample01	MND	--	F00 -02.00
37 C#1	A02	Sample01	MND	--	F00 -01.00
38 D-1	A03	Sample01	MND	--	F00 +00.00
39 D#1	A04	Sample01	MND	--	F00 +01.00

F1 F2 F3 F4 F5 F6

PAD of A03 is set to TUNE 00.00, and the value of TUNE is fluctuated 01.00 (half tone) every.

A02-A01 is minus 01.00 (half tone) every, and A04-C07 is plus 01.00 (half tone) every.

In addition, if F4 (ClrTUNE) button is pressed, the value of TUNE of all the PAD will be set to 00.00.

PURGE (Delete all the unused samples at the same time)

Tr: 1:001-Drum_Set		(DRUM)		Play: POL II	
MIDI IN	PAD	SAMPLE	SOUNDCHAP	DIR	LEV. TUNE
36 C-1	A01	BassDrum(36)	MND	--	F00 +00.00
37 C#1	A02	Sidestick(37)	STRG	--	F00 +00.00
38 D-1	A03	SN(38)	MND	--	F00 +00.00
39 D#1	A04	Clap(39)	MND	--	F00 +00.00

F1 F2 F3 F4 F5 F6

If cursor is moved to the SAMPLE column and the [WINDOW] is pressed, the window of "Sample list" will open.

Sample list		ORIGINAL		TUNE	
NO	SAMPLE	NO	NO	NO	NO
004	BassDrum(36)	60	C-3	+00.00	00
005	BellTree(4)	60	C-3	+00.00	00
006	Bonno Hi(60)	60	C-3	+00.00	ST 00
007	Bonno Lo(61)	60	C-3	+00.00	ST 00

F1 F2 F3 F4 F5 F6

If F1 (PURGE) button is pressed, the window of "Purge Samples" will open.

Purge Samples	
 Pressing DO IT will erase all samples not used in any programs and audio track in memory.	
105 samples not used	
<input type="button" value="CANCEL"/> <input type="button" value="DO IT"/>	

F1 F2 F3 F4 F5 F6

If F5 (DO IT) button is pressed, an unused sample can be deleted by all the programs.

AMP

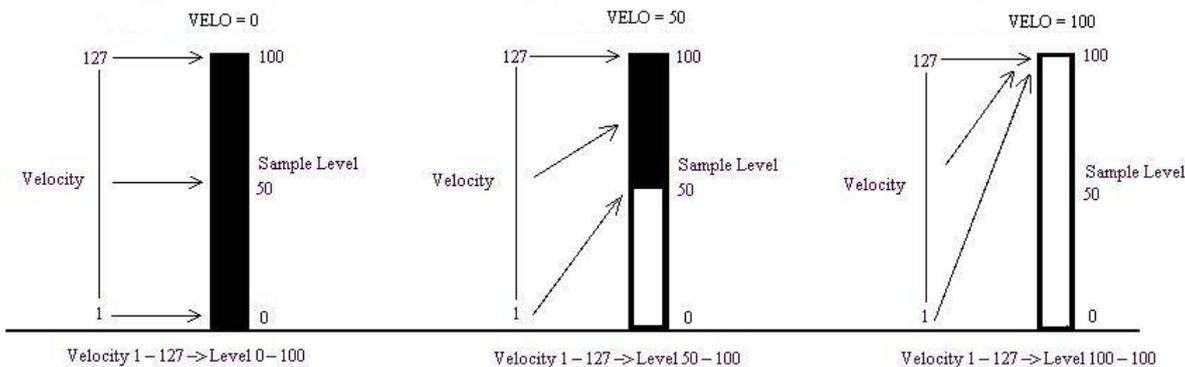
Tr:1:001-Program01 (DRUM) Play: POL V										
PAD	PLAY	MODE	VOICE	HELD	S	R	L	R	AMP	Envelope
A01	ONE SHOT	POLV	50	0	0	100	20			
A02	ONE SHOT	POLV	50	0	0	100	20			
A03	ONE SHOT	POLV	50	0	0	100	20			
A04	ONE SHOT	POLV	50	0	0	100	20			

PLAY MODE	ONE SHOT	The MPC plays the sample until the end regardless of how long you hold the pad.
	NOTE ON	The MPC plays the sample only while you hold the pad.
	LOOP&HOLD	<p>Loop playback of the sample is carried out, and it repeats until a pad is hit once again. (loop hold playback)</p> <p>Notes</p> <p>Loop hold playback works to ON/OFF of pads, and ON/OFF of notes. Therefore, it does not work to ON/OFF of the recorded notes. Moreover, loop hold playback is recorded as duration. As for the sample to which the loop is set, the loop hold playback will be done from the loop point to end point. As for the sample to which the loop is not set, the loop hold playback will be done from the start point to end point. S.START of Q-Link, S.END, and CHOP do not work to the sample by which loop hold playback is performed. Loop hold playback of the sample set to REV (reverse) is not performed.</p>
VOICE		It opts for the behavior when pronouncing the same note during a release.
	POLY	The sound during release pronounces a new note, without erasing.
	MONO	The sound during release is erased and pronounces a new note.

Tr:1:001-Program01 (DRUM) Play: POL V									
MIDI IN	PAD	SAMPLE	SOUND	CHOP	DR	LEV	TUNE		
36C	1	A01	Sample01	STRE	--	80	+00.00		
37C	#1	A02		--	FR	80	+00.00		
38D	1	A03		--	FR	80	+00.00		
39D	#1	A04		--	FR	80	+00.00		

■ **VELO** (The curve of volume against velocity is determined.)

When this value is low, by a velocity, volume is wide range changes.
When this value is high, by a velocity, volume is narrow range changes.
When this value is 100, it always becomes the same as a velocity 127.



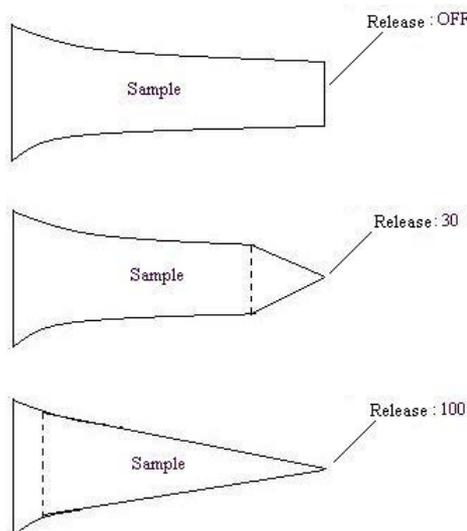
A---(Attack) Time until it reaches the maximum volume of the sound from NOTE ON is set.

D---(Decay) Time until it shifts to a Sustain level from the maximum volume which reached with the Attack is set.

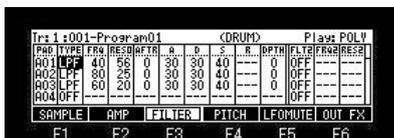
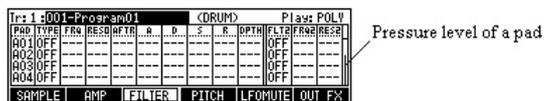
S---(Sustain) After Decay finishes, the volume pronounced as long as sound is sounding is set.

R---(Release) Time until sound finishes sounding from NOTE OFF is set.

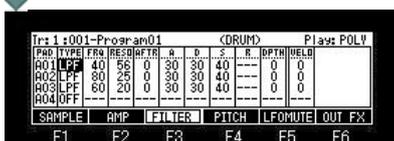
As shown in the following figure, when a sample is ONE SHOT, "Release" works.



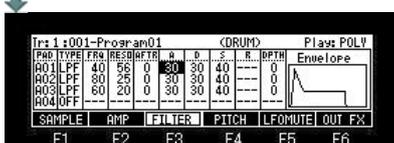
FILTER



If F3 (FILTER) button is pressed when cursor is between TYPE-AFTR columns, the column of VELO (Velo.▶Depth) will be displayed.
 If F3 (FILTER) button is pushed when VELO (Velo.▶Depth) is displayed, the column of FLT2 (Filter 2) will be displayed.



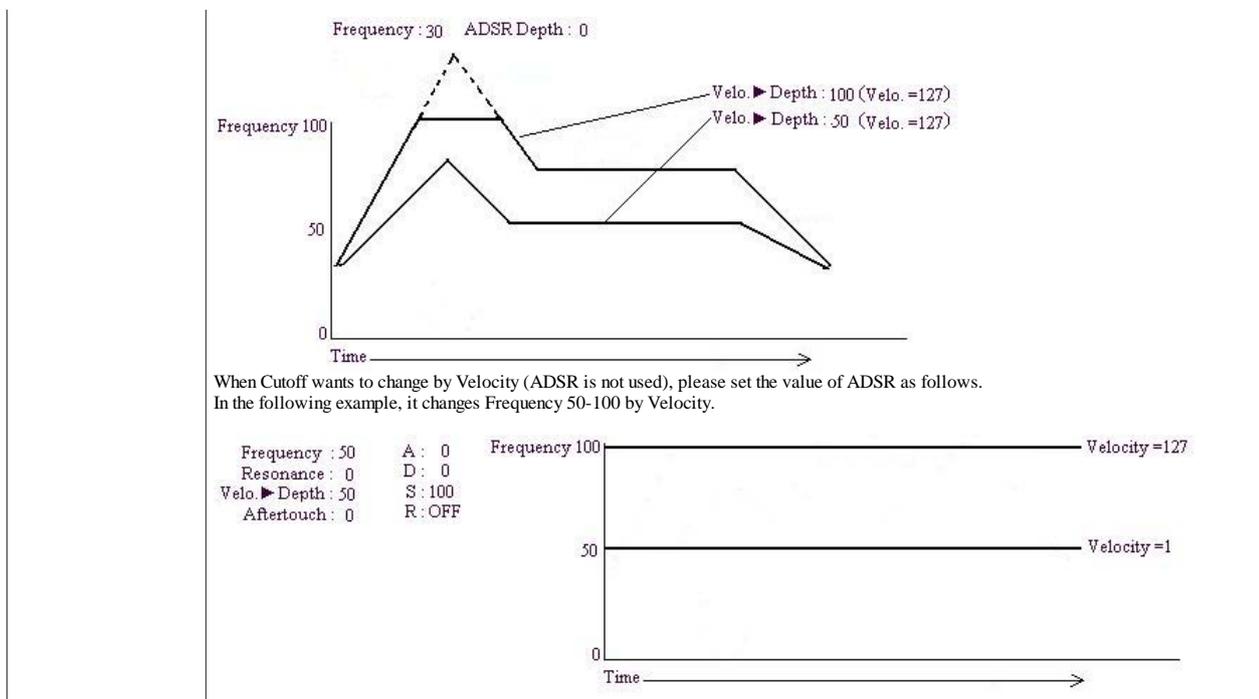
An envelope will be displayed if cursor is moved to the column of A (Attack).



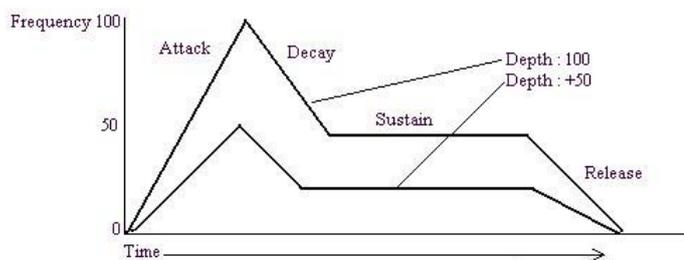
Note:

The parameters of Filter2 are only Frequency and Resonance.
 Moreover, ADSR does not work to Filter2.

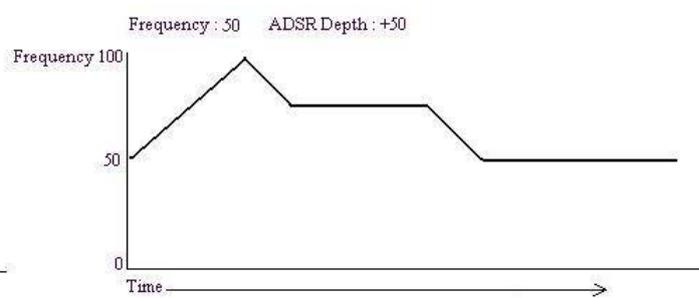
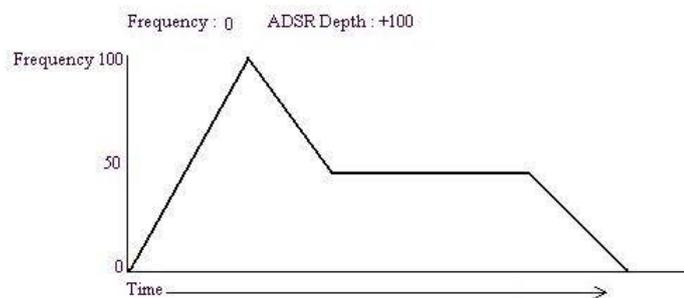
TYPE	Please select the kind of filter.
	LPF(LOW PASS): This filter cuts out the high frequencies and passes the low frequencies. BPF(BAND PASS): The filter passes the specific frequencies and cuts out the other frequencies. HPF(HIGH PASS): This filter cuts out the low frequencies and passes the high frequencies. EQL(Equalizer Low): Low sound is boost and cut. (This parameter is not in MPC2500) EQH(Equalizer High): High sound is boost and cut. (This parameter is not in MPC2500) LNK(Filter2): The always same setting as a filter 1 is applied.
FRQ(Frequency)	Please set the cut off frequency. (0-100) When TYPE are EQL and EQH(-100 to +100)
RESO(Resonance)	If you set the resonance value at a larger value, the frequencies set in the FREQ column will be boosted more. (0-100)
AFTER(Aftertouch)	The value of the pressure of a pad is added to FREQ. Example AFTER: +100 1-100 is added to FREQ by the pressure. AFTER: -50 -1 to -50 is added to FREQ by the pressure.
A(Attack)	Time until reaching the value of NOTO ON to DPTH is set.
D(Decay)	Time until it reaches a value set by "Sustain" from the value of "DPTH" which reached by "Attack" is set.
S(Sustain)	The end point of Decay is set.
R(Release)	Time until it reaches a value of "FRQ" from NOTE OFF is set. (Release cannot be set when PLAY MODE is ONE SHOT)
DPTH(ADSR Depth)	Quantity whose effect of ADSR to a filter is effective. If the value here is 0, ADSR will not work.
VELO(Velo▶Depth)	The value of Velocity is added to ADSR Depth. Example VELO(Velo▶Depth):100 1-100 is added to ADSR Depth by Velocity. VELO(Velo▶Depth):50 1-50 is added to ADSR Depth by Velocity.



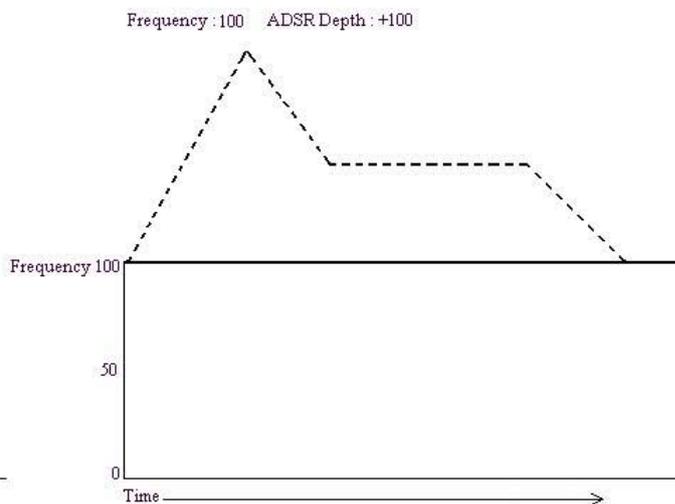
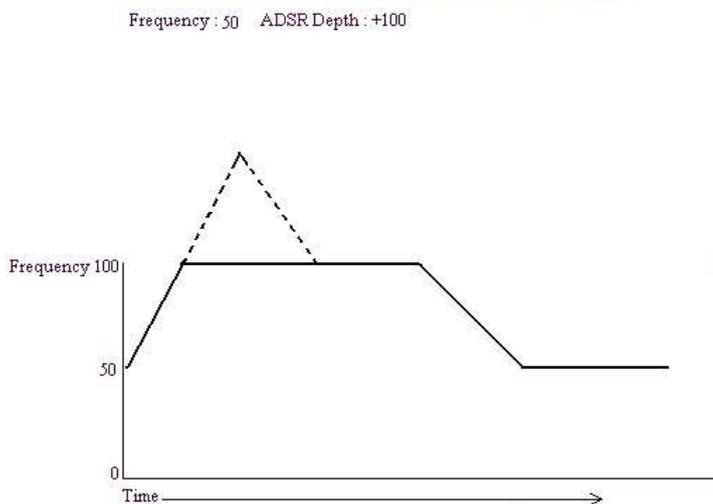
■ Cutoff frequency of Filter changes, as shown in the following figure.

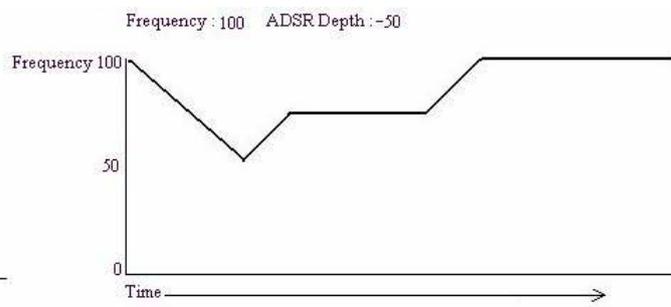
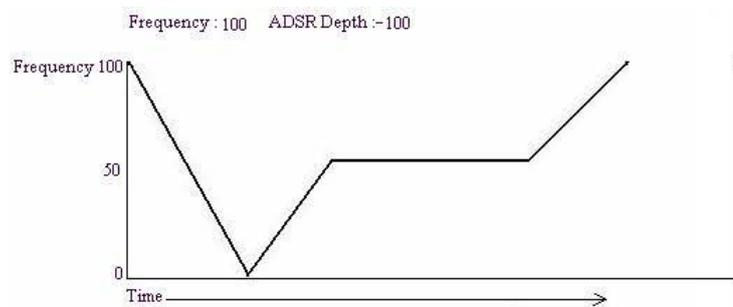


■ The value of ADSR is added to the value of Frequency of a Filter parameter.

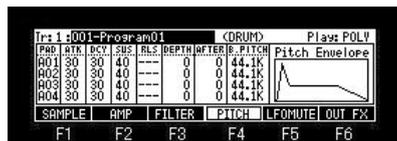


When the result of addition is 100 or more, it is the same as 100.





PITCH



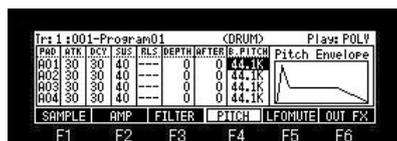
ATK---(Attack) Time until reaching the value of NOTO ON to DPTH is set.

DCY---(Decay) Time until it reaches a value set by "Sustain" from the value of "DPTH" which reached by "Attack" is set.

SUS---(Sustain) The end point of Decay is set.

RLS---(Release) Time until it reaches of Base Pitch from NOTE OFF is set. (Release cannot be set when PLAY MODE is ONE SHOT)

■ Base Pitch 44.1K



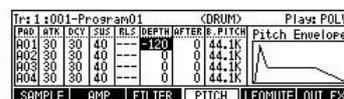
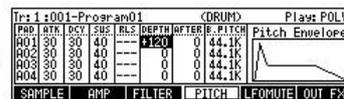
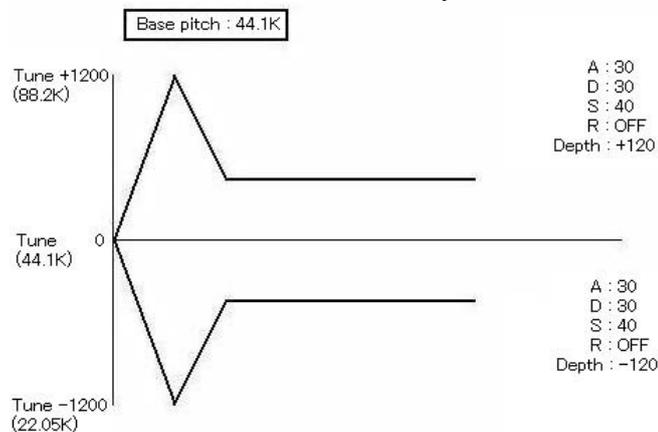
It is in the usual play state.

When note-on is carried out, playback speed starts from 44.1K.

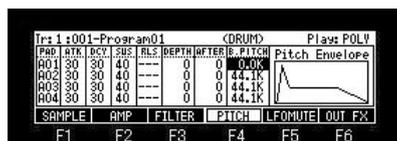
DEPTH : +/- 120 = +/- 1200 cent (1 octave) TUNE changes.

AFTER (Aftershow) : +/- 120 = TUNE of +/- 1200 cent changes with the pressures of a pad.

The value of Aftershow is added to the value of ADSR Depth.



■ Base Pitch 0.0K



When note-on is carried out, playback speed starts from 0.

Depth : +120 = Playback speed increases from 0 to 2X.

Depth : -120 = Reverse playback speed increases from 0 to 2X.

As for Aftershow, Depth of ADSR changes with the pressures of a pad.

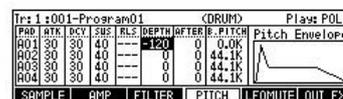
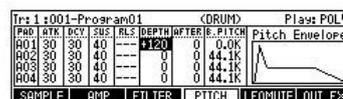
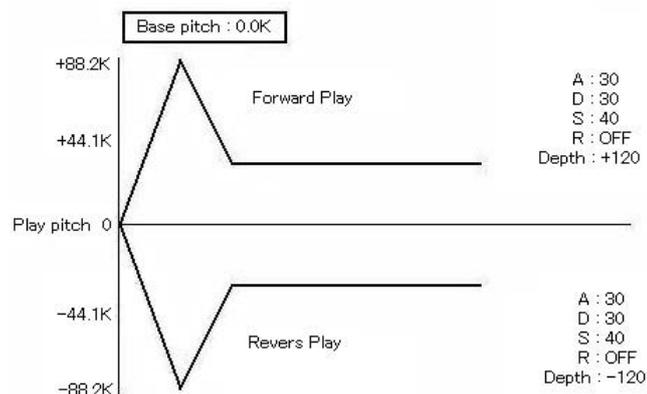
The value of Aftershow is added to the value of ADSR Depth.

In this mode, an effect which turned and stopped the record player by hand is acquired.

Depth : + xx = Forward plays

Depth : -xx = Revers plays

Note: When the value of DEPTH and AFTER is 0, there is no sound.

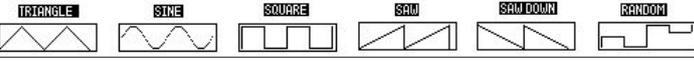


LFO(Low Frequency Oscillator)

■ The effect of a vibrato or a tremolo is given to the sound of a sample.

Tr:1 :001-Program01		(DRUM)				Play: POLY			
PRG	WAVE FORM	RATE	DELAY	PITCH	FILT	LEVEL	AFTER		
A01	TRIANGLE	0.30	0.00	0	0	0	0		
A02	LFO	0.30	0.00	0	0	0	0		
A03	TRIANGLE	0.30	0.00	0	0	0	0		
A04	TRIANGLE	0.30	0.00	0	0	0	0		

SAMPLE	AMP	FILTER	PITCH	MUTE	OUT FX
F1	F2	F3	F4	F5	F6

WAVE FORM	Please select the waveform of LFO. 
RATE	You can set the cycle (speed) of the LFO. (0.12-99.00) This setting value is based on the Beat and Tick. The cycle (speed) will be changed with the tempo of the sequence.
DELAY	You can set the delay time (the time before starting the LFO) with the Beat and the Tick. (0.00-99.00) For example, if you wish to start the LFO after two beat from starting from the point of triggering a sample, set it to "2.00".
PITCH	You can set a value to change the pitch of the sample. (Vibrate effect). (0-100) The lower this value, the less pitch variation you will get, and vice versa the higher this value, the more pitch variation.
FILTER	You can set this value to change the filter of the sample. (WOW effect) (0-100) The lower this value, the less the WOW becomes, and vice versa. This parameter works is based upon the setting in the F3(FILTER).
LEVEL	You can set this value to change the level of a sample. (Tremolo effect) (0-100) The lower this value, the less tremolo effect, the larger the value, the more tremolo effect.
AFTER	The depth of LFO changes by a pressure. (Only pitch) (0-100) If this value is high, an effect will be acquired deeply.

MUTE/Simult Pad

- MUTE(When the sample of a certain pad is during playback, it is a function which stops playback of the sample which hit another pad and was sounding before.)

Tr: 1:001-Program01 (DRUM) Play: POLY							
PAD	MODE	TARGET1	TARGET2	TARGET3	TARGET4	GROUP	
A01	MUTE	---	---	---	---	---	---
A02	MUTE	OFF	OFF	OFF	OFF	---	---
A03	MUTE	OFF	OFF	OFF	OFF	---	---
A04	MUTE	OFF	OFF	OFF	OFF	---	---
SAMPLE	AMP	FILTER	PITCH	LFO(MUTE)	OUT FX		
F1	F2	F3	F4	F5	F6		

Please select "MUTE" in the column of MODE.

Next, when the pad of the "PAD" column is hit, please choose the pad which wants to stop playback in the column of "TARGET".

Tr: 1:001-Program01 (DRUM) Play: POLY							
PAD	MODE	TARGET1	TARGET2	TARGET3	TARGET4	GROUP	
A01	MUTE	A02	A03	A04	---	---	---
A02	MUTE	---	---	---	---	---	---
A03	MUTE	---	---	---	---	---	---
A04	MUTE	---	---	---	---	---	---
SAMPLE	AMP	FILTER	PITCH	LFO(MUTE)	OUT FX		
F1	F2	F3	F4	F5	F6		

In a setup of the above figure, if a pad A01 is hit during playback of samples, playback of the sample of a pad A02, A03, and A04 will be stopped

- The pads set to the same number in the column of "GROUP" will not be played at the same time.

Tr: 1:001-Program01 (DRUM) Play: POLY							
PAD	MODE	TARGET1	TARGET2	TARGET3	TARGET4	GROUP	
A01	MUTE	---	---	---	---	1	---
A02	MUTE	---	---	---	---	1	---
A03	MUTE	---	---	---	---	1	---
A04	MUTE	---	---	---	---	2	---
A05	MUTE	---	---	---	---	2	---
SAMPLE	AMP	FILTER	PITCH	LFO(MUTE)	OUT FX		
F1	F2	F3	F4	F5	F6		

In the case of a setup of the above figure

As for the sample assigned to A01, playback will be carried out, if a pad A01 is hit during playback of samples.

However, the playback of the sample of A02 and A03 assigned to the pad of the same group number is stopped.

If a pad A02 is hit, the sample assigned to A02 will be played, and playback of the sample assigned to A01 and A03 is stopped.

If a pad A03 is hit, the sample assigned to A03 will be played, and playback of the sample assigned to A01 and A02 is stopped.

If a pad A04 is hit, the sample assigned to A04 will be played, and playback of the sample assigned to A05 is stopped.

If a pad A05 is hit, the sample assigned to A05 will be played, and playback of the sample assigned to A04 is stopped.

Notes: When you use the function of a mute group, please set the Play field to POLY.

- Simult Pad (It is a function used to pronounce two or more pads simultaneously.)

SIMULT1

Tr: 1:001-Program01 (DRUM) Play: POLY							
PAD	MODE	TARGET1	TARGET2	TARGET3	TARGET4	GROUP	
A01	MUTE	---	---	---	---	---	---
A02	SIMULT1	---	---	---	---	---	---
A03	MUTE	OFF	OFF	OFF	OFF	---	---
A04	MUTE	OFF	OFF	OFF	OFF	---	---
A05	MUTE	OFF	OFF	OFF	OFF	---	---
SAMPLE	AMP	FILTER	PITCH	LFO(MUTE)	OUT FX		
F1	F2	F3	F4	F5	F6		

When you select SIMULT1 in a "MODE" column and the pad of the "PAD" column is hit, please choose a pad to make it pronounce simultaneously in a "TARGET" column.

Tr: 1:001-Program01 (DRUM) Play: POLY							
PAD	MODE	TARGET1	TARGET2	TARGET3	TARGET4	GROUP	
A01	MUTE	---	---	---	---	---	---
A02	SIMULT1	A02	A03	---	---	---	---
A03	MUTE	OFF	OFF	OFF	OFF	---	---
A04	MUTE	OFF	OFF	OFF	OFF	---	---
A05	MUTE	OFF	OFF	OFF	OFF	---	---
SAMPLE	AMP	FILTER	PITCH	LFO(MUTE)	OUT FX		
F1	F2	F3	F4	F5	F6		

In a setup of the above figure, if a pad A01 is hit, the sound of a pad A02 and a pad A03 will also be pronounced simultaneously.

Recording	If a pad A01 is hit, a pad A02 and a pad A03 will also be recorded.
Playback	Even if the event of the pad A01 currently recorded is played, a pad A02 and a pad A03 are not pronounced. (It overlaps with the event of A02 and A03 currently recorded, and does not sound)

SIMULT2

Tr: 1:001-Program01 (DRUM) Play: POLY							
PAD	MODE	TARGET1	TARGET2	TARGET3	TARGET4	GROUP	
A01	MUTE	---	---	---	---	---	---
A02	SIMULT2	A02	A03	---	---	---	---
A03	MUTE	OFF	OFF	OFF	OFF	---	---
A04	MUTE	OFF	OFF	OFF	OFF	---	---
A05	MUTE	OFF	OFF	OFF	OFF	---	---
SAMPLE	AMP	FILTER	PITCH	LFO(MUTE)	OUT FX		
F1	F2	F3	F4	F5	F6		

Recording	Even if it hit a pad A01, a pad A02 and a pad A03 are not recorded.
Playback	If the event of the pad A01 currently recorded is played, a pad A02 and a pad A03 will also be pronounced.

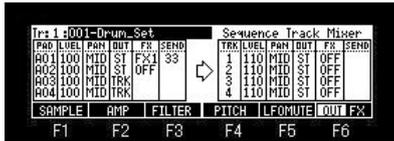
Notes

It does not work to the MIDI NOTE.

In the case of SIMULT2, Q-Link works only to the pad of a master.

OUT FX

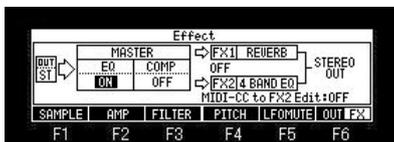
■ The output destination of a sample, the effect to be used, etc. are set up.



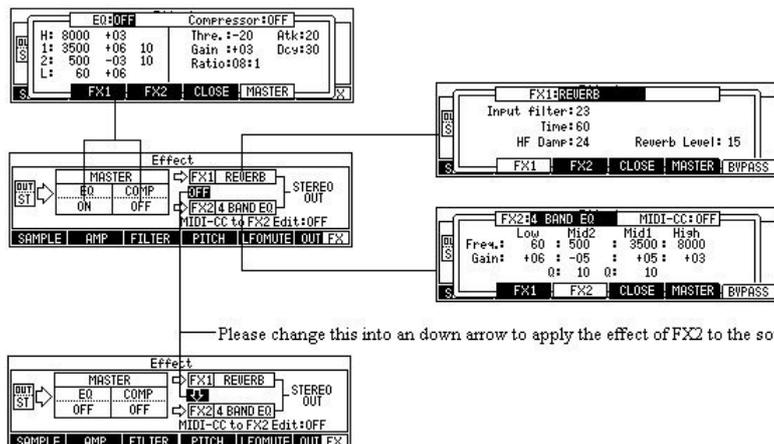
Notes: The sequence memorizes the setups (value of parameters) of the track mixer.

LVEL:	Please set an output level.
PAN:	Please set the value of PAN. The value of pan of the pad and track is mixed. For example, the value of the pan of a track is R50. The value of pan of a pad is set to MID when the value of pan of a pad is L50.
OUT:	Please set the output destination. ST is outputted to STEREO OUT. 1-4 is outputted to ASSIGNABLE MIX OUT. (in the case of MPC1000) 1-8 is outputted to ASSIGNABLE MIX OUT. (in the case of MPC2500) L is outputted to L of STEREO OUT and R is outputted to R of STEREO OUT. (Selection only in MPC1000)
FX:	Please set, when you apply an effect. OFF: No effect will be used. (The effect of a master is adapted. However, when EQ and COMP are ON) FX1: The effect selected by FX1 is adapted. FX2: The effect selected by FX2 is adapted. Note: Selection is possible only when ST is select in the OUT column.
SEND:	Please set the amount that an effect is applied to. (It can set, only when REVERB or DELAY is select with the effect.)

Notes
A sequence memorizes a setup of a truck mixer.
Therefore, if a setup of a truck mixer is changed, please save a sequence.



MASTER EQ:	The equalizer of a master is adapted when it is ON.
MASTER COMP:	The compressor of a master is adapted when it is ON.
FX1,FX2:	Please select the effect to be used.
MIDI-CC to FX2 Edit:	When you operate the value of the parameter of FX2 by a MIDI controller, please turn ON. Refer for the method of a setup of a controller here .



SAMPLE (INST)

■ It is a program mode of the type that shares one sample by two or more consecutive note numbers, applies the musical scale, and performs.

The value of a column can be adjusted also with Q1 slider.

Range of the musical scale which a sample uses

Original key of a sample

Tr: 1:001-Brass		(INST)		OVERLAP	
LOW	HIGH	SAMPLE	ORC	LEVEL	TUNE
1	36	B_0	D_6	SAW_A_3	100+00.00
2	36	B_0	D_6		100+00.00
3	36	B_0	D_6		100+00.00
4	36	B_0	D_6		100+00.00

SAMPLE | AMP | FILTER | PITCH | LFO | OUT FX

Please set the range of the musical scale which the original key(note) of a sample and a sample and a sample use.

In the case of the above figure, sample "SAW_A_3" is set as a sound of TUNE 00.00 of a note A_3.

And musical scale to B_0-D_6 is assigned automatically.

About the original key of a sample

As for the sample to which the note is not set, C_3 is set by a default.

The sample has memorized the note of a sample.

Therefore, when the note of a sample is changed, please save a sample.

Sample list					
SAMPLE	ORC	TUNE	SPAN	CL	CR
1	002	braphone C5	84	C_5	+00.00 LOOP
2	003	braphone C6	96	C_6	+00.00 LOOP
3	004	braphone D6	82	D_3	+00.00 LOOP
4	005	braphone D6	95	D_3	+00.00 LOOP

SAMPLE | AMP | FILTER | PITCH | LFO | OUT FX

An asterisk is displayed on the sample to which edit or change was added.

■ NON-OVERLAP mode

Tr: 1:001-Program01		(INST)		OVERLAP	
LOW	HIGH	SAMPLE	ORC	LEVEL	TUNE
1	36	C_1	D#6		80+00.00
2	36	C_1	D#6		80+00.00
3	36	C_1	D#6		80+00.00
4	36	C_1	D#6		80+00.00

SAMPLE | AMP | FILTER | PITCH | LFO | OUT FX

It will become NON-OVERLAP if a DATA wheel is turned to the right in the OVERLAP field.

Tr: 1:001-Program01		(INST)		NON-OVERLAP	
SAMPLE	ORC	SPAN	CL	CR	LEVEL
1		21			80
2		109			80
3		109			80
4		109			80

SAMPLE | AMP | FILTER | PITCH | LFO | OUT FX

Original key of a sample

Range of the musical scale which a sample uses

Tr: 1:001-07Harpichord		(INST)		NON-OVERLAP	
SAMPLE	ORC	SPAN	CL	CR	LEVEL
1	Harpichord31	31G_0	21		80
2	Harpichord36	36C_1	34		80
3	Harpichord44	44G#1	41		80
4	Harpichord51	51D#2	48		80

SAMPLE | AMP | FILTER | PITCH | LFO | OUT FX

Tr: 1:001-07Harpichord		(INST)		NON-OVERLAP	
SAMPLE	ORC	SPAN	CL	CR	LEVEL
1	Harpichord31	31G_0	21		80
2	Harpichord36	36C_1	34		80
3	Harpichord44	44G#1	41		80
4	Harpichord51	51D#2	48		80

SAMPLE | AMP | FILTER | PITCH | LFO | OUT FX

Please set the range of the musical scale which the original key (note) of a sample and a sample and a sample use. (Value of LOW is set)

In the case of the above figure, sample "Harpichord31" is used for the musical scale to 21-33 of notes.

Sample "Harpichord36" is used for the musical scale to 34-40 of notes.

Sample "Harpichord44" is used for the musical scale to 41-47 of notes.

Auto set

The sample which finishes with the note number or note name of the sample can perform the above-mentioned setup automatically.

The following is an example in case a note is a sample of D0.

As for all the following samples, a note is recognized as a sample of D0.

Piano26.wav

Piano 26.wav

Piano_26.wav

PianoD0.wav

Pianod0.wav

Piano D0.wav

Piano d0.wav

Piano_D0.wav

Piano_d0.wav

For example, it is assumed that the sample of the following note names was loaded to MPC.

Piano D0

Piano F0

Piano G0

Piano B0

Tr: 1:002-Program01		CINST		NON-OVERLAP			
SAMPLE	BRENAL	SPAN	C4	C3	C2	C1	LEVEL
Piano B0	35B_0	21					80
		109					80
		109					80
		109					80

SAMPLE AMP FILTER PITCH LFO OUT FX
F1 F2 F3 F4 F5 F6

Please set arbitrary samples in the column of SAMPLE.

If [SHIFT]+F1(AutoSet) button is pressed in this state, it will become as it is shown in the following figure.

Tr: 1:002-Program01		CINST		NON-OVERLAP			
SAMPLE	BRENAL	SPAN	C4	C3	C2	C1	LEVEL
Piano B0	35B_0	21					80
		109					80
		109					80
		109					80

AutoSet PACK INSERT DELETE
F1 F2 F3 F4 F5 F6

[SHIFT]+F1(AutoSet) button is pressed.

Tr: 1:002-Program01		CINST		NON-OVERLAP			
SAMPLE	BRENAL	SPAN	C4	C3	C2	C1	LEVEL
Piano D0	26D_0	21					80
Piano F0	29F_0	28					80
Piano G0	31G_0	31					80
Piano B0	35B_0	34					80

SAMPLE AMP FILTER PITCH LFO OUT FX
F1 F2 F3 F4 F5 F6

The sample of the same sample name is searched.

A sample is arranged in order of a note and the range is set automatically.

INSERT

Tr: 1:002-Program01		CINST		NON-OVERLAP			
SAMPLE	BRENAL	SPAN	C4	C3	C2	C1	LEVEL
Piano D0	26D_0	21					80
Piano F0	29F_0	28					80
Piano G0	31G_0	31					80
Piano B0	35B_0	34					80

SAMPLE AMP FILTER PITCH LFO OUT FX
F1 F2 F3 F4 F5 F6

A space will be inserted in the position of cursor if [SHIFT]+F3 (INSERT) button is pressed in this state.

Tr: 1:002-Program01		CINST		NON-OVERLAP			
SAMPLE	BRENAL	SPAN	C4	C3	C2	C1	LEVEL
Piano D0	26D_0	21					80
Piano F0	29F_0	28					80
Piano G0	31G_0	31					80
Piano B0	35B_0	34					80

AutoSet PACK INSERT DELETE
F1 F2 F3 F4 F5 F6

[SHIFT]+F3(INSERT) button is pressed.

Tr: 1:002-Program01		CINST		NON-OVERLAP			
SAMPLE	BRENAL	SPAN	C4	C3	C2	C1	LEVEL
Piano D0	26D_0	21					80
Piano F0	29F_0	28					80
Piano G0	31G_0	31					80
Piano B0	35B_0	34					80

SAMPLE AMP FILTER PITCH LFO OUT FX
F1 F2 F3 F4 F5 F6

DELETE

Tr: 1:002-Program01		CINST		NON-OVERLAP			
SAMPLE	BRENAL	SPAN	C4	C3	C2	C1	LEVEL
Piano D0	26D_0	21					80
Piano F0	29F_0	28					80
Piano G0	31G_0	31					80
Piano B0	35B_0	34					80

SAMPLE AMP FILTER PITCH LFO OUT FX
F1 F2 F3 F4 F5 F6

If [SHIFT]+F4(DELETE) button is pressed in this state, the sample of the position of cursor will be deleted.

Tr: 1:002-Program01		CINST		NON-OVERLAP			
SAMPLE	BRENAL	SPAN	C4	C3	C2	C1	LEVEL
Piano D0	26D_0	21					80
Piano F0	29F_0	28					80
Piano G0	31G_0	31					80
Piano B0	35B_0	34					80

AutoSet PACK INSERT DELETE
F1 F2 F3 F4 F5 F6

[SHIFT]+F4(DELETE) button is pressed.

Tr: 1:002-Program01		CINST		NON-OVERLAP			
SAMPLE	BRENAL	SPAN	C4	C3	C2	C1	LEVEL
Piano D0	26D_0	21					80
Piano G0	31G_0	31					80
Piano B0	35B_0	34					80
Piano D1	38D_1	37					80

SAMPLE AMP FILTER PITCH LFO OUT FX
F1 F2 F3 F4 F5 F6

The sample of the cursor position is deleted, and the following samples will be automatically moved forward.

■ A program and samples are packed and it is made one file.

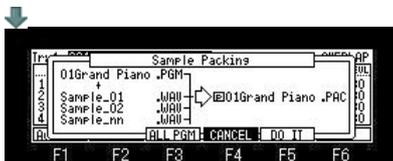
Tr: 1:001-01Grand Piano		CINST		NON-OVERLAP			
SAMPLE	BRENAL	SPAN	C4	C3	C2	C1	LEVEL
Piano D0	26D_0	21					80
Piano F0	29F_0	28					80
Piano G0	31G_0	31					80
Piano B0	35B_0	34					80

SAMPLE AMP FILTER PITCH LFO OUT FX
F1 F2 F3 F4 F5 F6

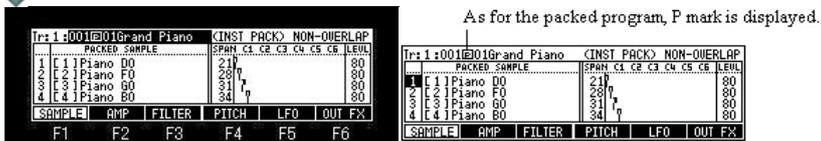
If [SHIFT]+F2 (PACK) button is pressed, the window of "Sample Packing" will open.

Tr: 1:001-01Grand Piano		CINST		NON-OVERLAP			
SAMPLE	BRENAL	SPAN	C4	C3	C2	C1	LEVEL
Piano D0	26D_0	21					80
Piano F0	29F_0	28					80
Piano G0	31G_0	31					80
Piano B0	35B_0	34					80

AutoSet PACK INSERT DELETE
F1 F2 F3 F4 F5 F6



If F5 (DO IT) button is pressed, a program and samples will be packed and it will be made one file.
Moreover, an original sample is deleted. (The sample for which other programs are used is not deleted.)

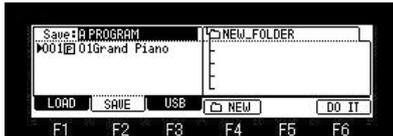


Since the sample of the packed program cannot be changed, cursor movement to the sample field cannot be performed. (in the case of INST)
The packed sample is not displayed in the trim and the sample list.

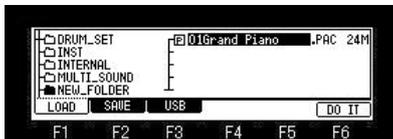
Even if it packs, the capacity of a memory does not increase.

If a sample is packed, 999 or more samples can be treated.

Moreover, load time will become early somewhat, when it is the program for which many samples are used.

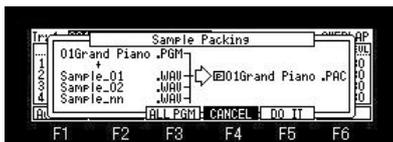


In save mode, it is displayed as a program.

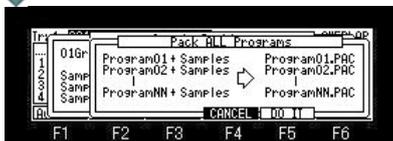


In the packed program, an extension becomes a file of "PAC".

■ All the programs are packed.

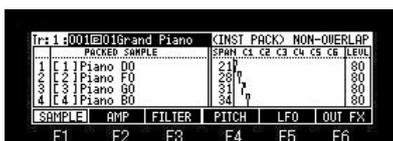


If F3 (ALL PGM) button is pressed in the window of "Sample Packing", the window of "Pack ALL Programs" will open.

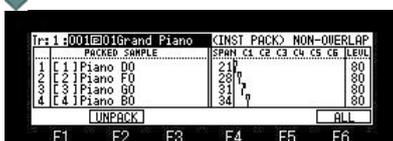


If the F5(DO IT) button is pressed, all programs will be packed.

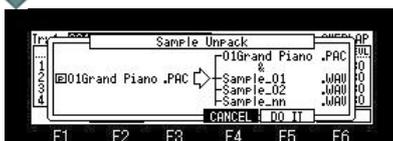
■ The packed program is restored.



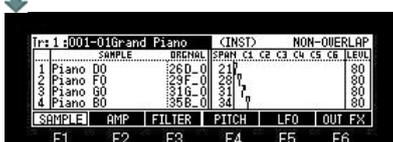
Please select the program which you want to restore and press [SHIFT]+F2 (UNPACK) button.



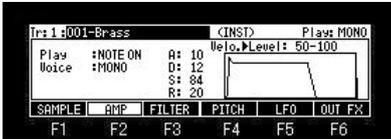
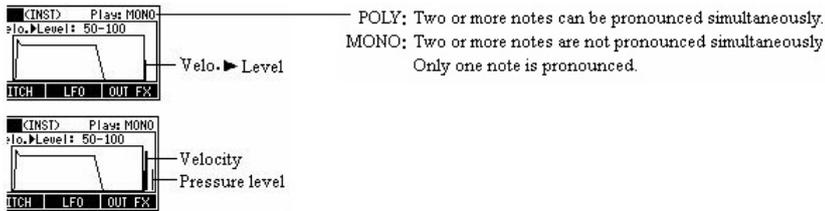
If [SHIFT]+F2 (UNPACK) button is pressed, the window of "Sample Unpack" will open.



The packed program will be restored if F5 (DO IT) button is pressed.



AMP (INST)



Note: The value of a parameter can be set also with Q1 slider.

Play	ONE SHOT	The MPC plays the sample until the end regardless of how long you hold the pad or keyboard.
	NOTE ON	The MPC plays the sample only while you hold the pad or keyboard. It opts for the behavior when pronouncing the same note during a release.
Voice	POLY	The sound during release pronounces a new note, without erasing.
	MONO	The sound during release is erased and pronounces a new note.

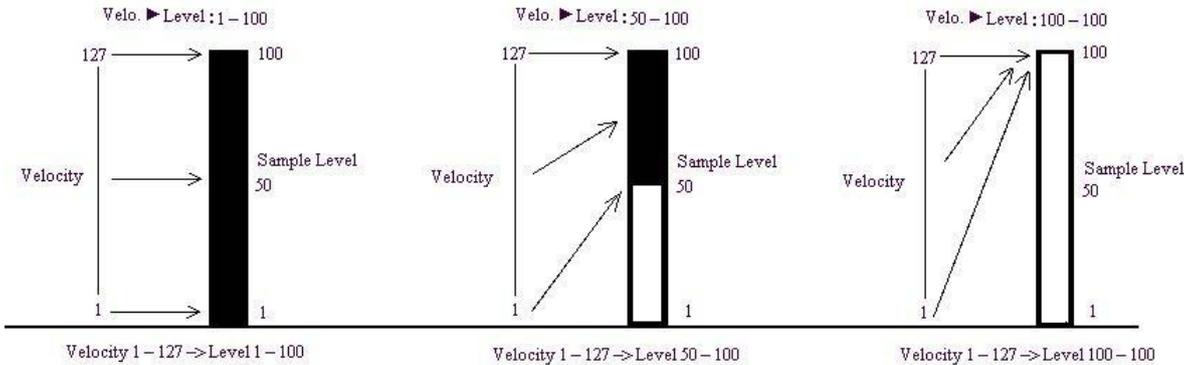
Velo.▶Level

The curve of volume against velocity is determined.

When this value is low, by a velocity, volume is wide range changes.

When this value is high, by a velocity, volume is narrow range changes.

When this value is 100, it always becomes the same as a velocity 127.



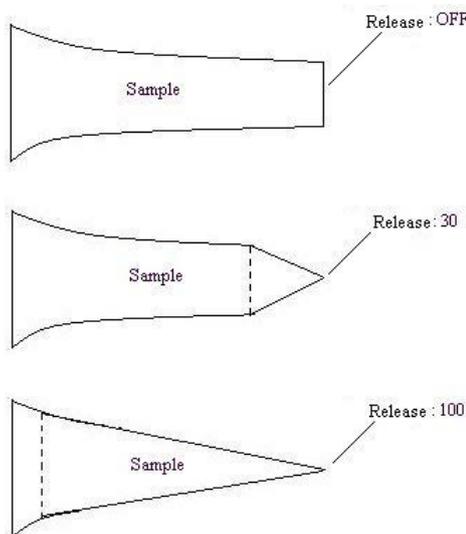
A---(Attack) Time until it reaches the maximum volume of the sound from NOTE ON is set.

D---(Decay) Time until it shifts to a Sustain level from the maximum volume which reached with the Attack is set.

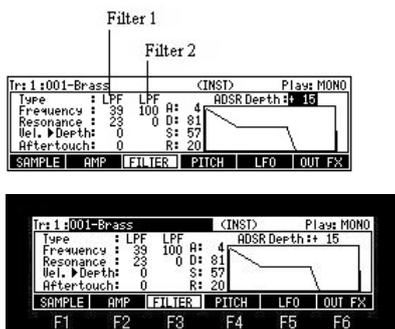
S---(Sustain) After Decay finishes, the volume pronounced as long as sound is sounding is set.

R---(Release) Time until sound finishes sounding from NOTE OFF is set.

As shown in the following figure, when a Play is ONE SHOT, "Release" works.



FILTER (INST)

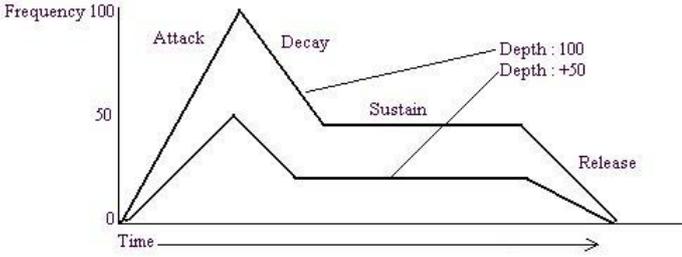


Note
 The parameters of Filter2 are only Frequency and Resonance.
 Moreover, ADSR does not work to Filter2.

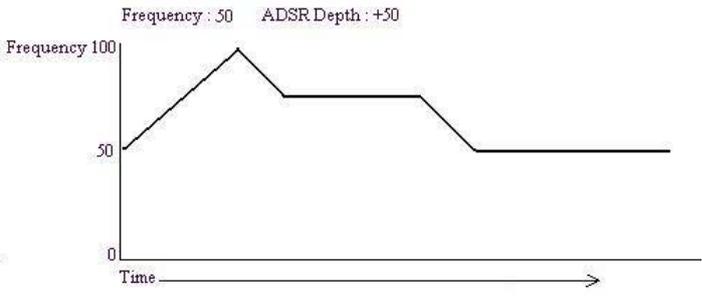
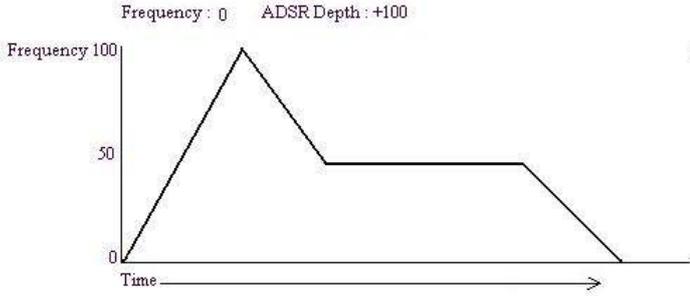
Type	Please select the kind of filter.																
	<p>LPF(LOW PASS): This filter cuts out the high frequencies and passes the low frequencies. BPF(BAND PASS): The filter passes the specific frequencies and cuts out the other frequencies. HPF(HIGH PASS): This filter cuts out the low frequencies and passes the high frequencies. EQL(Equalizer Low): Low sound is boost and cut. (This parameter is not in MPC2500) EQH(Equalizer High): High sound is boost and cut. (This parameter is not in MPC2500) LNK(Filter2): The always same setting as a filter 1 is applied.</p>																
Frequency	Please set the cut off frequency. (0-100) When TYPE are EQL and EQH. Boost/Cut (-100 to +100)																
Resonance	If you set the resonance value at a larger value, the frequencies set in the "Frequency" column will be boosted more. (0-100)																
Vel ▶ Depth	<p>The value of Velocity is added to ADSR Depth.</p> <p>Example Vel ▶ Depth:100 1-100 is added to ADSR Depth by Velocity.</p> <p>Vel ▶ Depth:50 1-50 is added to ADSR Depth by Velocity.</p> <p>When Cutoff wants to change by Velocity (ADSR is not used), please set the value of ADSR as follows. In the following example, it changes Frequency 50-100 by Velocity.</p> <table border="0"> <tr> <td>Frequency : 50</td> <td>A : 0</td> <td>Frequency 100</td> <td>Velocity =127</td> </tr> <tr> <td>Resonance : 0</td> <td>D : 0</td> <td></td> <td></td> </tr> <tr> <td>Velo ▶ Depth : 50</td> <td>S : 100</td> <td></td> <td>Velocity =1</td> </tr> <tr> <td>Aftertouch : 0</td> <td>R : OFF</td> <td></td> <td></td> </tr> </table>	Frequency : 50	A : 0	Frequency 100	Velocity =127	Resonance : 0	D : 0			Velo ▶ Depth : 50	S : 100		Velocity =1	Aftertouch : 0	R : OFF		
Frequency : 50	A : 0	Frequency 100	Velocity =127														
Resonance : 0	D : 0																
Velo ▶ Depth : 50	S : 100		Velocity =1														
Aftertouch : 0	R : OFF																
Aftertouch	<p>The value of the pressure of a pad is added to Frequency.</p> <p>Example Aftertouch: +100 1-100 is added to Frequency by the pressure.</p> <p>Aftertouch: -50 -1 to -50 is added to Frequency by the pressure.</p>																
A(Attack)	Time until reaching the value of NOTO ON to DPTH is set.																
D(Decay)	Time until it reaches a value set by "Sustain" from the value of "DPTH" which reached by "Attack" is set.																
S(Sustain)	The end point of Decay is set.																
R(Release)	Time until it reaches a value of "FRQ" from NOTE OFF is set. (Release cannot be set when PLAY MODE is ONE SHOT)																

ADSR Depth	Quantity whose effect of ADSR to a filter is effective. If the value here is 0, ADSR will not work.
------------	---

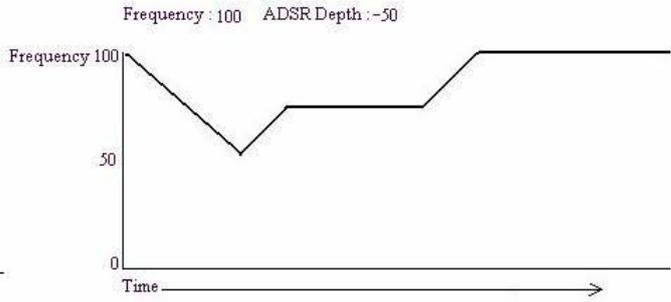
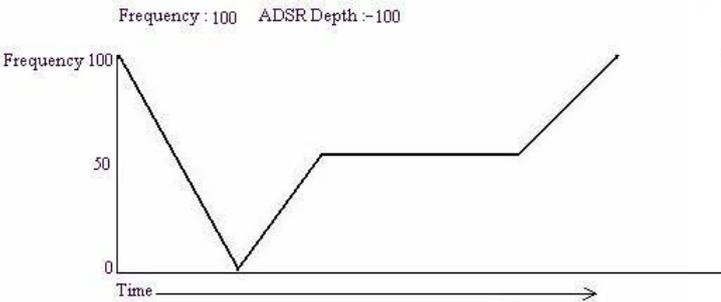
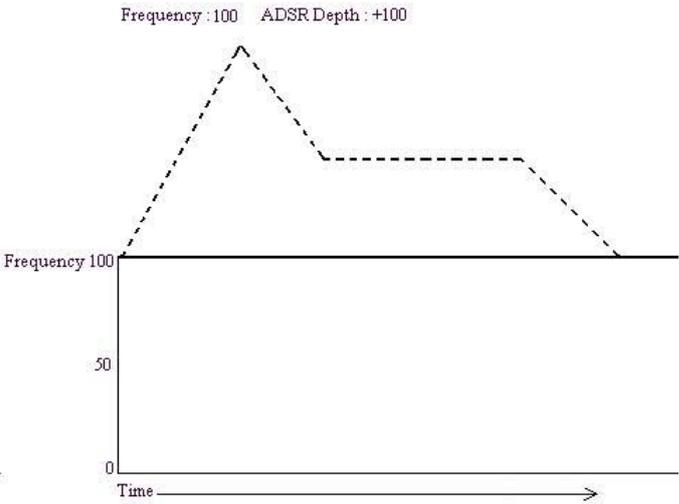
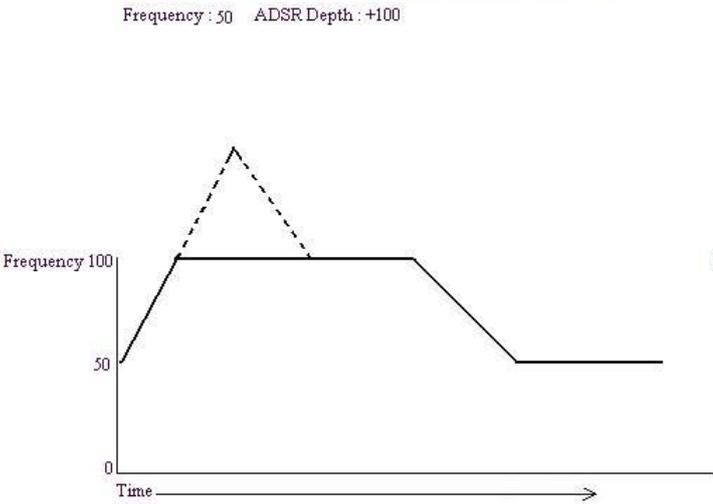
■ Cutoff frequency of Filter changes, as shown in the following figure.



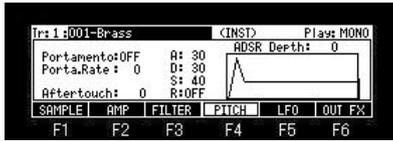
■ The value of ADSR is added to the value of Frequency of a Filter parameter.



When the result of addition is 100 or more, it is the same as 100.



PITCH (INST)



ADSR Depth: +/- 120 = +/- 1200 cent (1 octave) TUNE changes.

Aftertouch: +/- 120 = TUNE of +/- 1200 cent changes with the pressures of a pad.

The value of Aftertouch is added to the value of ADSR Depth.

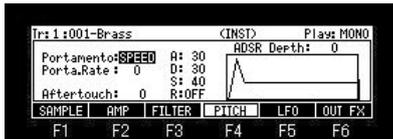
A---(Attack) Time until reaching the value of NOTO ON to ADSR Depth is set.

D---(Decay) Time until it reaches a value set by "Sustain" from the value of ADSR Depth which reached by "Attack" is set.

S---(Sustain) The end point of Decay is set.

R---(Release) Time until it reaches a value (ADSR Depth: 0) of a start from NOTE OFF is set. (Release cannot be set when PLAY MODE is ONE SHOT)

■ Portamento (When moving from a certain sound to another sound, it moves changing sound smoothly.)



	OFF	The effect of Portamento is not applied.
Portamento	SPEED	The pitch will change at a fixed speed.
	TIME	The pitch change will occur over a fixed time.
Port.Rate		Specifies the speed at which the pitch will change.

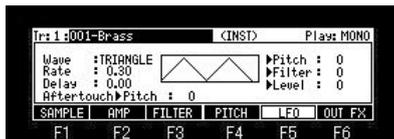
Notes

Work only within the same key group.

Does not occur across key group change.

LFO (INST)

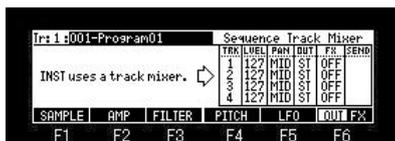
■ The effect of a vibrato or a tremolo is given to the sound of a sample.



Wave	Please select the waveform of LFO. 
Rate	You can set the cycle (speed) of the LFO. (0.12-99.00) This setting value is based on the Beat and Tick. The cycle (speed) will be changed with the tempo of the sequence.
Delay	You can set the delay time (the time before starting the LFO) with the Beat and the Tick. (0.00-99.00) For example, if you wish to start the LFO after two beat from starting from the point of triggering a sample, set it to "2.00".
Aftertouch▶Pitch	The depth of LFO of Pitch changes by a pressure. (0-100) If this value is high, an effect will be acquired deeply.
Pitch	You can set a value to change the pitch of the sample. (Vibrate effect). (0-100) The lower this value, the less pitch variation you will get, and vice versa the higher this value, the more pitch variation.
Filter	You can set this value to change the filter of the sample. (WOW effect) (0-100) The lower this value, the less the WOW becomes, and vice versa. This parameter works is based upon the setting in the F3(FILTER).
Level	You can set this value to change the level of a sample. (Tremolo effect) (0-100) The lower this value, the less tremolo effect, the larger the value, the more tremolo effect.

OUT FX(INST)

The output destination of a sample, the effect to be used, etc. are set up.

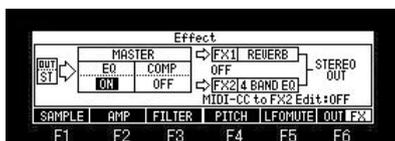


Notes: The sequence memorizes the setups (value of parameters) of the track mixer.

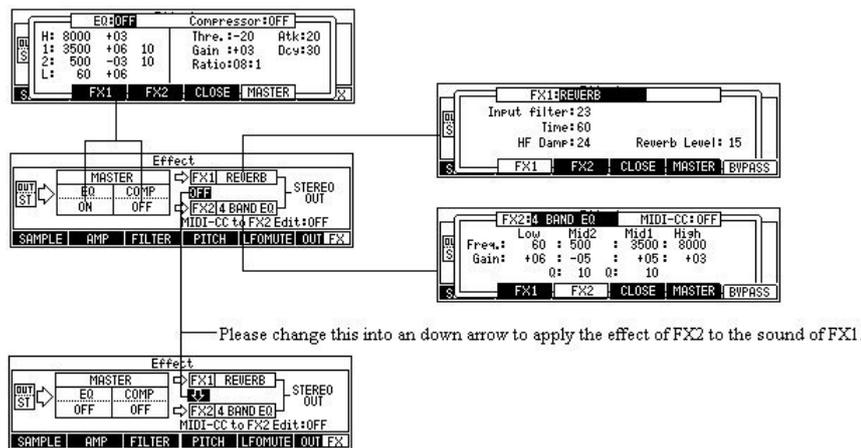
LVEL:	Please set an output level.
PAN:	Please set the value of PAN.
OUT:	Please set the output destination. ST is outputted to STEREO OUT. 1-4 is outputted to ASSIGNABLE MIX OUT. (in the case of MPC1000) 1-8 is outputted to ASSIGNABLE MIX OUT. (in the case of MPC2500) L is outputted to L of STEREO OUT and R is outputted to R of STEREO OUT. (Selection only in MPC1000)
FX:	Please set, when you apply an effect. OFF: Don't use an effect. (However, the effect of a master is adapted. When EQ and COMP are ON) FX1: The effect selected by FX1 is adapted. FX2: The effect selected by FX2 is adapted. Note: Selection is possible only when ST is select in the OUT column.
SEND:	Please set the amount that an effect is applied to. (It can set, only when REVERB or DELAY is select with the effect.)

Notes

A sequence memorizes a setup of a truck mixer.
Therefore, if a setup of a truck mixer is changed, please save a sequence.



MASTER EQ:	The equalizer of a master is adapted when it is ON.
MASTER COMP:	The compressor of a master is adapted when it is ON.
FX1,FX2:	Please select the effect to be used.
MIDI-CC to FX2 Edit:	When you operate the value of the parameter of FX2 by a MIDI controller, please turn ON. Refer for the method of a setup of a controller here .



The value of the parameter of an effect is controllable by a MIDI controller

■ The parameter of FX2 is controllable by a MIDI controller. (Parameter of FX1 is not controllable)

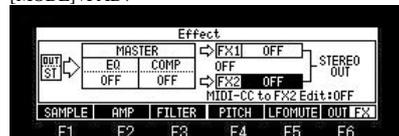
Note

If the value of Time of DELAY is changed during a play, a noise will occur.

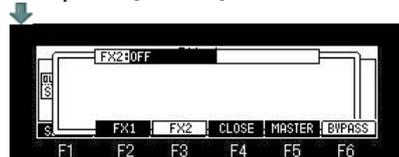
This is a limit of CPU which is not a bug.

The method of a setup.

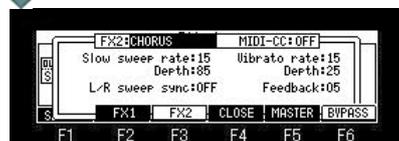
[MODE]+PAD7



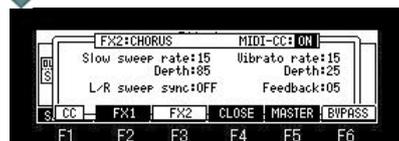
Please press the [WINDOW] button in the FX2 field of a program screen.



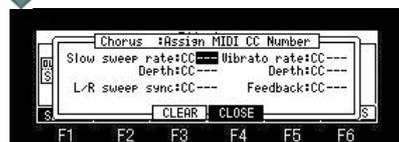
Selection of the type of an effect will display the MIDI-CC field.



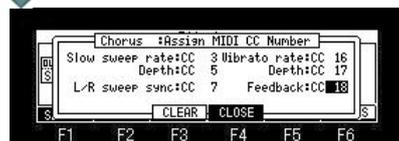
If the MIDI-CC field is turned ON, "CC" will be displayed on F6.



If F1 (CC) button is pressed, the assignment screen of MIDI CC will be displayed.

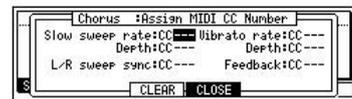
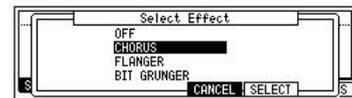
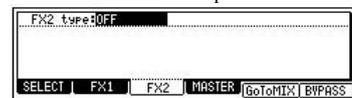


If the knob and slider of a MIDI controller to assign are moved, the received control change number will be automatically set to the parameter of the cursor position.

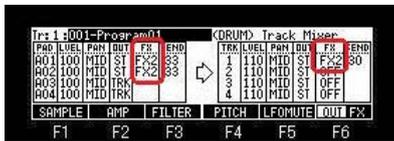


A setup of assigned MIDI CC is memorized by the system by pressing the MAIN button.

The set of MIDI CC can be performed even from the mode of [MODE]+PAD12 (EFFECT).



Please set FX column of pads or tracks to FX2.

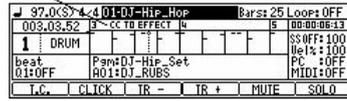


Priority is given to left-hand side and the upper parameter when the same control change number is set as two or more parameters.

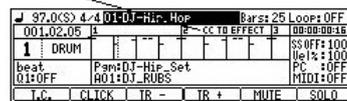


For example, as shown in the above figure, when it is set, it is effective only against Rate.

Operation of the MIDI controller currently assigned to the effect will display "CC TO EFFECT" on a main screen.



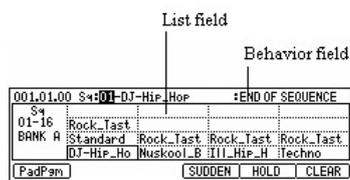
When the value of the parameter of the effect has been changed by CC recorded in the sequence, it is displayed.



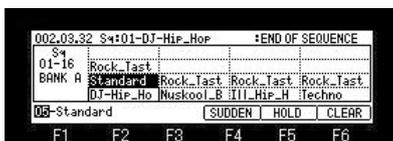
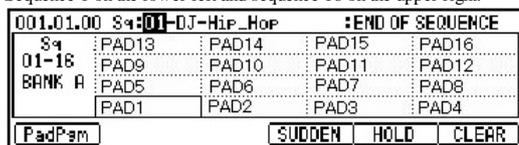
NEXT SEQ

- You can select a sequence that you wish to play next, by hitting the pads.

[NEXT SEQ] Screen



The List field displays the first 8 letters of the sequence name
 You can display 16 pads at one time, allowing you to display 1 to 64 sequences by switching pad banks.
 The sequences are displayed according to the position of the pads;
 Sequence 1 on the lower left and sequence 16 on the upper right.



Please play back a sequence.

And please choose with a pad the sequence which you want to play back next.

The number and name of the selected sequence will be displayed below the screen. (When the behavior field is "END OF SEQUENCE")

Behavior field	
END OF SEQUENCE:	The MPC will switch to the next sequence after it plays the current sequence to the end.
IMMEDIATELY START:	It switch to the selected sequence immediately and is played back from a start.
IMMEDIATELY PLAY:	It switch to the selected sequence immediately and is played back from the current position.

F4(SUDDEN)

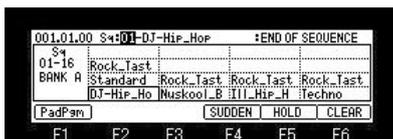
If F4 (SUDDEN) button is pressed while playing back a sequence, it will switch to the next sequence immediately.
 (Effective, only when the behavior field is "END OF SEQUENCE")

F5(HOLD)

If you press the F5 (HOLD) button, the MPC will keep playing back the current sequence until you press the F5 (HOLD) again.
 (Effective, only when the behavior field is "END OF SEQUENCE")

F6(CLEAR)

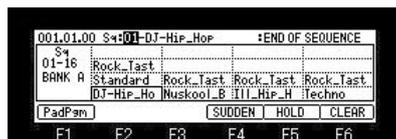
If F6 (CLEAR) button is pressed, a sequence to play back next will be canceled.



Please refer to "[Program is switched by hitting the pads](#)" for F1 (PadPgm).

Program is switched by hitting the pads.

- The program can be switched by hitting the pads.



If F1 (PadPgm) button is pressed on the screen of [NEXT SEQ], it will change to a program mode.



A program name is displayed in a program mode.

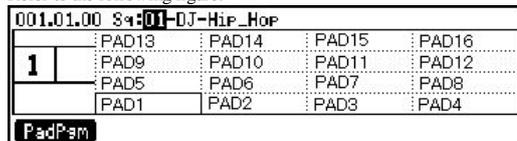
Displays the first 8 letters of the program name.

If a pad is hit and a program is chosen, the program of an active track is switched.

(Change of an active track can be made by a MODE + DATA wheel)

The pads are displayed according to the position of the pads.

Refer to the following figure.



Notes

The programs which can be switched with a pad are only 16 programs currently displayed.

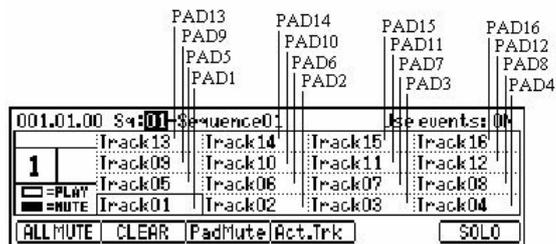
Therefore, other programs are not displayed even if it switches pad bank.

Moreover, information that switches the program by hitting a pad cannot be recorded.

TRACK MUTE

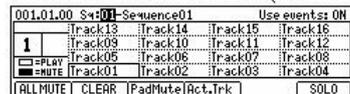
- You can mute/unmute tracks in real time during playback by hitting the pads.

When you want to record track mute events on a sequence,
Please press [PLAY] or the [PLAY START] button, pressing [REC] or the [OVER DUB] button.
The tracks are displayed according to the position of the pads

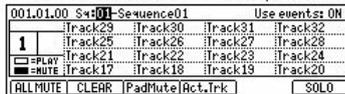


You can display 1 to 64 tracks by switching pad banks.

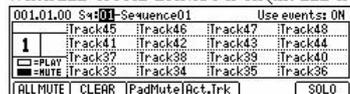
When LED of PAD BANK A is on (the LED is lit)



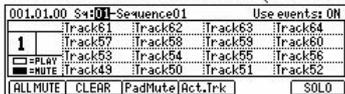
When LED of PAD BANK B is on (the LED is lit)



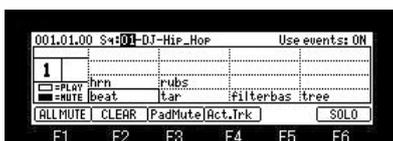
When LED of PAD BANK C is on (the LED is lit)



When LED of PAD BANK D is on (the LED is lit)



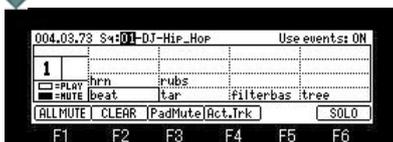
The track list displays the first 8 letters of the track name.



If F1 (ALLMUTE) button is pressed, all the tracks will be mute.



If F2 (CLEAR) button is pressed, all the tracks will be unmute.

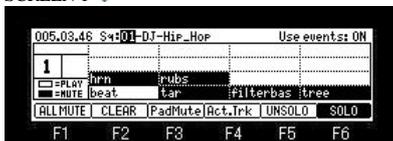


Hit the pad that corresponds to the track that you wish to play, while pressing the F6 (SOLO) button.

F6 (SOLO) will be highlighted and F5 (UNSOLO) will be displayed and MPC will play only the selected track while it mutes the other tracks.

You can switch the tracks to play, by hitting a pad.

SCREEN 1



Solo mode will be canceled if F5 (UNSOLO) button is pressed.

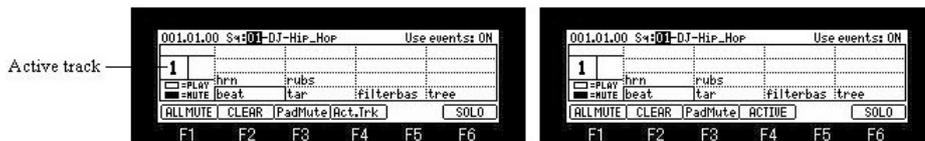
SCREEN 2



If F6 (SOLO) button is pressed in the state of Screen 1, it will return to the state before a solo mode is set to ON.



Change of an active track



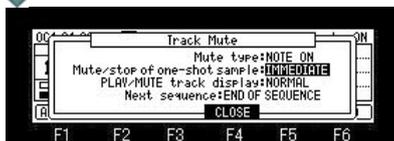
If F4 (Act.Trk) button is pressed, the display of "ACTIVE" will blink and it will become the change mode of an active track. An active track will be changed if a pad is hit. (If F4 (Act.Trk) button is pressed once again, it will return to the mode of track mute.) Since PAD1-64 correspond to TRACK 1-64, for example, if PAD6 is hit an active track will change to TRACK 6. Moreover, if PAD6 of BANK-B is hit, it will change to TRACK 21. In addition, when a solo function is ON, the track of a solo always turns into an active track.

Note: An active track can be changed even if it turns a DATA wheel, pressing the [MODE] button.

If you want to stop a sound immediately when the sample of a one shot is muted, please make a setup of a "Track Mute" window into IMMEDIATE.



If the [WINDOW] button is pressed, the window of "Track Mute" will open.



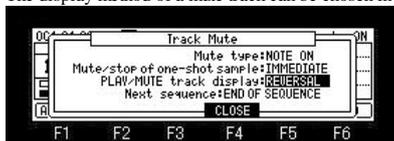
Please set "Mute/stop of one-shot sample" Field to IMMEDIATE.

THROUGH: One shot samples are always played until sample end.

IMMEDIATE: One shot samples are stopped immediately when pressing stop or muting the pad.

The display method selection of a mute track

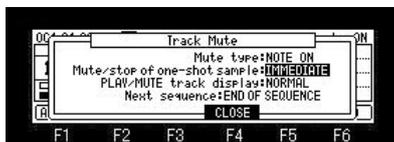
The display method of a mute track can be chosen in the "PLAY/MUTE track display" field of a "Track Mute" window.



NORMAL: A mute track is highlighted and is displayed.

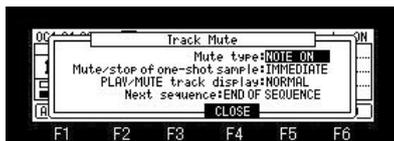
REVERSAL: A not mute track is highlighted and is displayed.

Mute type selection



Mute/stop of one-shot sample=IMMEDIATE

At the time of this condition, the behavior when carrying out mute ON/OFF of the long sample can be changed by selection of MUTE TYPE.

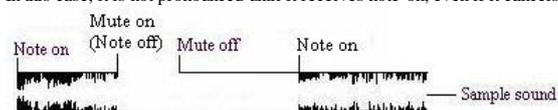


Please select the type of mute in the "MUTE TYPE" field.

NOTE ON

The note event of tracks is turned OFF and muted.

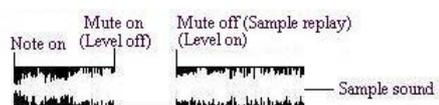
In this case, it is not pronounced until it receives note-on, even if it cancels mute.



LEVEL

The level of a track is set to 0 (OFF) and muted.

In this case, even if it cancels mute immediately after mute, pronunciation is resumed to that timing.

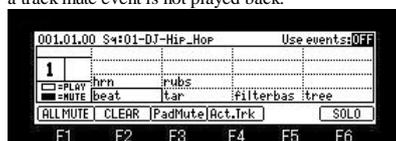


Notes

Level mute does not work to external MIDI.

Please set the "Use events" field to OFF to repeat the recorded track mute event.

In the case of OFF, Even if it play back the sequence on which the mute event is recorded, a track mute event is not played back.



Notes

The Next sequence cannot be performed during recording of a track mute event.

The "UNDO" key does not work in track mute mode.

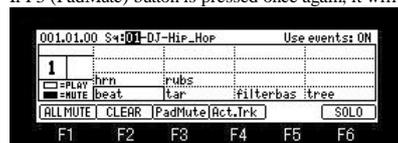
[Next page](#)

PAD MUTE

■ Mute/unmute of pads can be performed by hitting pads.

If F3 (PadMute) button is pressed, it will change to pad mute mode.

If F3 (PadMute) button is pressed once again, it will return to track mute mode.



Sample name assigned to the pad is displayed in pad mute mode.
Displays the first 8 letters of the sample name.

The pads are displayed according to the position of the pads
Refer to the following figure.



If F1 (ALLMUTE) button is pressed, all the pads will be mute.



If F2 (CLEAR) button is pressed, all the pads will be unmute.



It will become solo mode if arbitrary pads are hit pressing F6 (SOLO) button.
Henceforth, the hitting pad becomes a solo.

Screen 1



Solo mode will be canceled if F5 (UNSOLO) button is pressed.

Screen 2



If F6 (SOLO) button is pressed in the state of Screen 1, it will return to the state before a solo mode is set to ON.



Notes

Pad mute events cannot be recorded.

Mute type is only NOTE ON.

Even if Mute type is set as LEVEL, it works as NOTE ON.

Mute of a pad will be unmute if it returns to the mode of track mute.

When a track is changed, pad mute of the track before change is unmute.

Moreover, the present state is continued by pad mute of the changed track.

Refer to the following figure.



A track is changed in this state.



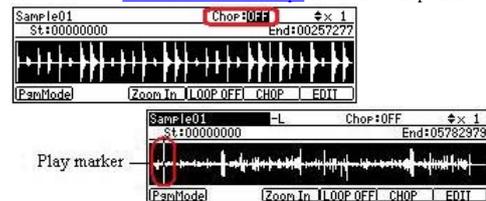
Mute of the PAD5, PAD6 and PAD7 of a track 1 is unmutted.

Moreover, the mute state of PAD5, PAD6, and PAD7 is continued by pad mute of a track 2.

TRIM

[MODE]+PAD6

Please refer to "[Non-Destructive Chop](#)" about the "Chop" field.



A play marker is displayed at the time of an audition of a sample.

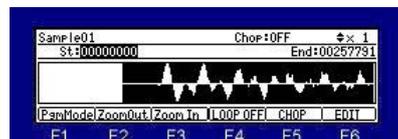
[MODE]+PAD6



If F3 (Zoom In) button is pressed, a waveform will zoom in.

BAR > or [SHIFT] + ► cursor button can perform Zoom in.

Level is expanded and displayed by ▲▼ cursor button.

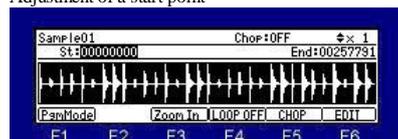


If F2 (Zoom Out) button is pressed, a waveform will zoom out.

< BAR or [SHIFT] + ◀ cursor button can perform Zoom out.

For moving cursor to the upper field, please press the [SHIFT] + ▲ cursor button.

Adjustment of a start point



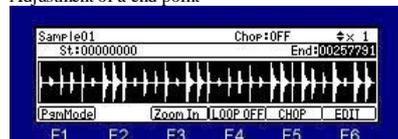
Please move cursor to the St field and turn a DATA wheel.

If a DATA wheel is turned holding [TAP TEMPO] or the [SHIFT] button, the quantity of change will increase 10 times.

If Q1 [AFTER] button is ON (the LED is lit), start point can be adjusted with a Q1 slider.

For moving cursor to the upper field, please press the [SHIFT] + ▲ cursor button.

Adjustment of an end point



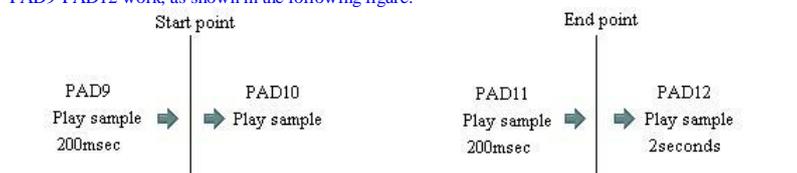
Please move cursor to the End field and turn a DATA wheel.

If a DATA wheel is turned holding [TAP TEMPO] or the [SHIFT] button, the quantity of change will increase 10 times.

If Q2 [AFTER] button is ON (the LED is lit), end point can be adjusted with a Q2 slider.

Notes

PAD9-PAD12 work, as shown in the following figure.



If PAD1-PAD4 is pressed, a sample will be playback by NOTE ON.

If PAD5-PAD8 is pressed, a sample will be playback by ONE SHOT.

A sample will be reverse-played back if PAD3 and PAD7 are pressed.

Moreover, a start or an end point can be adjusted, carrying out audition, if a DATA wheel is turned pressing a pad (PAD1-PAD4 and PAD9-PAD12).

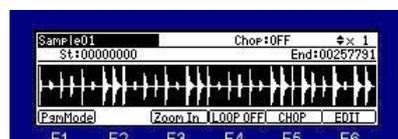
If PAD1, PAD2, PAD5, PAD6, PAD9, and PAD10 are pressed, cursor will move to St field.

If PAD3, PAD4, PAD7, PAD8, PAD11, and PAD12 are pressed, cursor will move to End field.

If PAD9-PAD12 and PAD14-PAD16 are pressed, the waveform of a play portion will blink.

It works similarly on the screen of F5 (CHOP).

However, there is no reverse playback of PAD3 and PAD7.



If the [WINDOW] button is pressed when cursor is in the sample field, the window of "Sample list" will open.

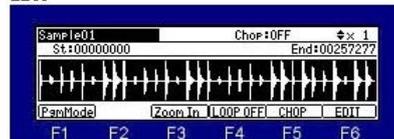




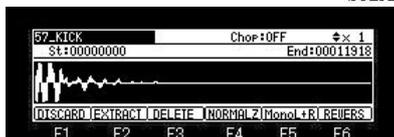
Please choose a sample and press F4 (CLOSE) button.

When arbitrary pads are pushed and a DATA wheel is turned, choice of a sample can be performed hearing sound.

EDIT



DISCARD
EXTRACT
DELETE
SILENCE
INSERT SILENCE
NORMLIZE
REVERSE
TIME STRETCH
PITCH SHIFT
BIT CONVERT
RING MODULATION
COMBINE
FADE IN
FADE OUT
STEREO L=>MONO
STEREO R=>MONO
STEREO L+R=>MONO
STEREO L-R=>MONO



Edit function can be selected also with a [SHIFT] + function key. (Only 6 fixed functions)

■ INSERT SILENCE



The silence of the set time is inserted from a start point.

In the case of the above figure, the silence of 100mSEC is inserted from the start point set in TRIM mode.

■ BIT CONVERT



A sample can be converting into the sound of 4-12 bits.

F2(OVER W) = An overwrite convert is carried out with the set value.

F3(ALL) = The overwrite convert of all the samples is carried out with the set value.

If PAD13-PAD16 is pressed, the audition of the present set point can be performed.

If PAD01-PAD12 is pressed, it can try listening an original sound.

Note: File size does not change after convert.

■ RING MODULATION



The output of 2 oscillators is mixed and a metallic sound is made.

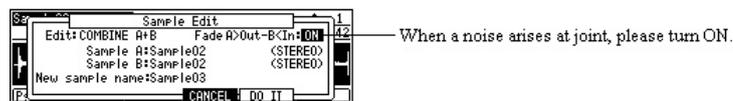
Frequency:	100Hz-5000Hz
WAVE:	~ Sine, □ Square.
Mix:	1-10 The ratio to an original sound is set. An original sound becomes 90% when 1 is set. The sound for which the effect was adapted becomes 10%. When 10 is set, it becomes only the sound for which the effect was adapted.

Note: An audition is possible even if it press PAD13-PAD16.

■ COMBINE



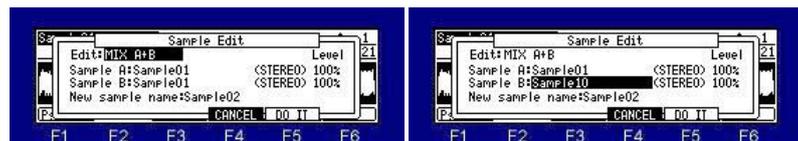
Two samples are combined.



Note: When TUNE is set to the sample, it is set up with the value of Sample A.



MIX



Two samples are mixed.

If PAD13-PAD16 is pressed, the audition of the sample chosen in the "Sample A" field can be performed.

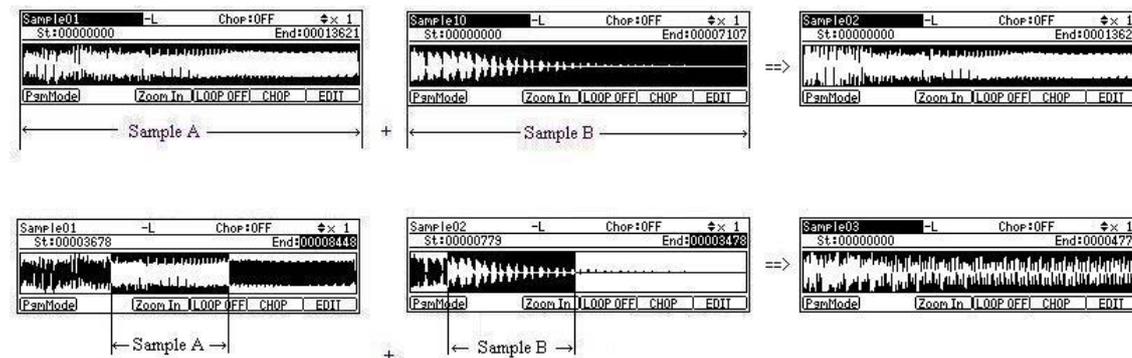
If PAD09-PAD12 is pressed, the audition of the sample chosen in the "Sample B" field can be performed.

The audition of the sample mixed when PAD01-PAD08 was pressed can be performed.

The sample to which TUNE is set sounds by TUNE 00:00.

The sample of ON of a loop sounds by Loop OFF.

Please adjust LEVEL if needed.



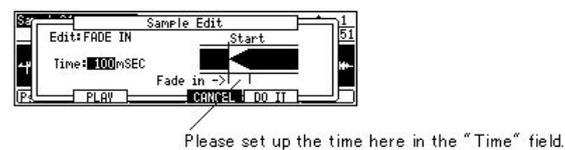
Notes

The sample to which TUNE is set is mixed as TUNE 00:00.

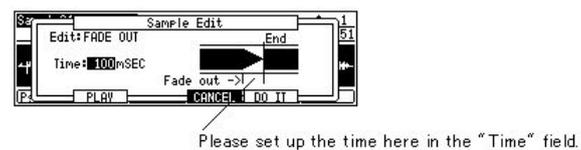
The sample of ON of a loop is mixed as OFF.

A Patched Phrase sample is unmixable.

FADE IN

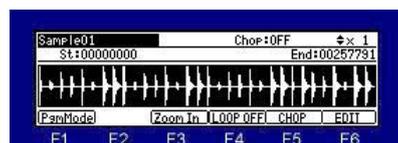


FADE OUT

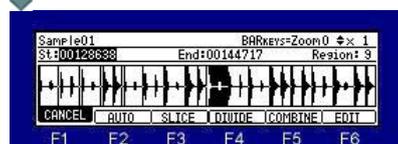


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CHOP

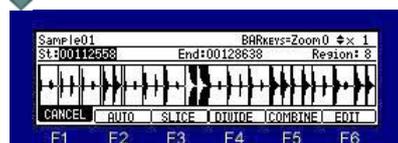


It will become chop mode if F5 (CHOP) button is pressed.

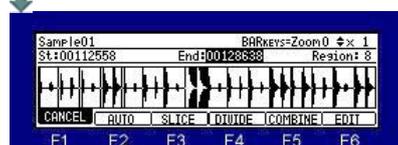


When cursor is in St field, the start point of a region can be adjusted.

When cursor is in St field, if the ◀ cursor button is pressed, the cursor in the region field will move to a left region.



Please move cursor to the End field to adjust the end point of a region.

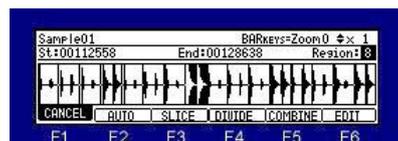


Level is expanded and displayed by ▲ cursor button.

< BAR or [SHIFT] + ◀ cursor button can perform Zoom out.

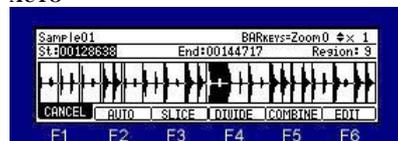
BAR > or [SHIFT] + ▶ cursor button can perform Zoom in.

Selection of a region can be performed, if cursor is moved to the region field and a DATA wheel is turned.



Selection of a region can be performed, if cursor is moved to the region field and a DATA wheel is turned.

AUTO



If F2 (AUTO) button is pressed, the window of "Auto Slice" will open.

Note: The long sample for 20 seconds or more cannot AUTO.

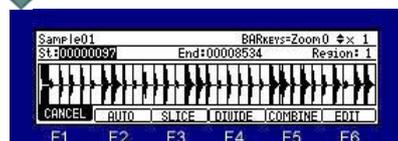


If AUTO is used, search of an attack will be performed automatically and it will be divided on the basis of the attack portion. (It divides into 64 at the maximum.)

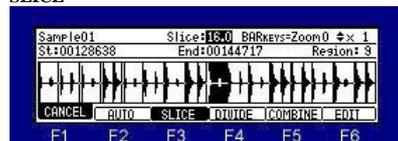
Recovery time(10 - 100): This sets the minimum time between the attack and the next attack. (The attack within a time is ignore.)

Threshold(0 - 100): This sets the detectable level of an attack.

If a setup finishes, please press the F5 (DO IT) button.



SLICE

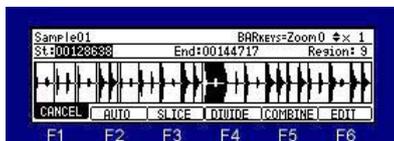


If F3 (SLICE) button is pressed, it becomes slice mode and the number of regions can be changed. (2-64)

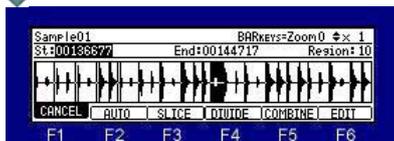
If a DATA wheel is turned holding [TAP TEMPO] or the [SHIFT] button, the quantity of change will increase 10 times.

Slice mode will be canceled, if F3 (SLICE) button is pressed once again or the ▼ cursor button is pressed.

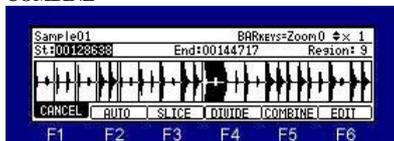
DIVIDE



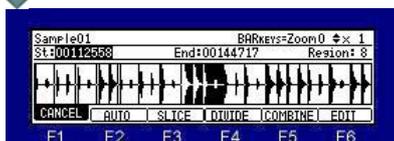
The region chosen if F4 (DIVIDE) button is pressed is divided into two.



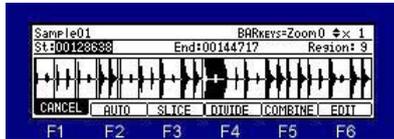
COMBINE



The region chosen if F5 (COMBINE) button is pressed, and an adjoining region are combined. When cursor is in St field, it combines with the region by the side of a start (left), and when it is in the End field, it combines with the region by the side of End (right).



EDIT



If F6 (EDIT) button is pressed, the window of "Extract" will open.



F5(DO IT): The selected region is made into another sample.

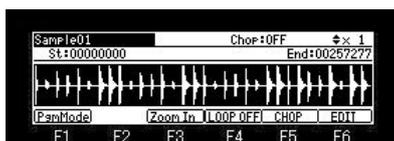
F2: Each which was divided on a slice point is made into another sample.

For example, in the case of Sample01 divided into 32, the samples from Sample01-1 to Sample01-32 are made.

F3: It is converted into Patched Phrase.

Note: It becomes a mono sample when the sample of a stereo is converted into Patched Phrase.

■ Setting the loop



Please press F4 (LOOP OFF) button and make it LOOP ON.



Adjustment of a loop point

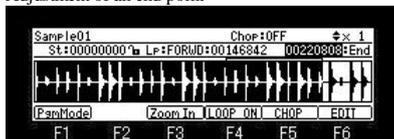


Please move cursor to the Loop field and turn a DATA wheel.

If a DATA wheel is turned holding [TAP TEMPO] or the [SHIFT] button, the quantity of change will increase 10 times.

If Q1 [AFTER] button is ON (the LED is lit), loop point can be adjusted with a Q1 slider.

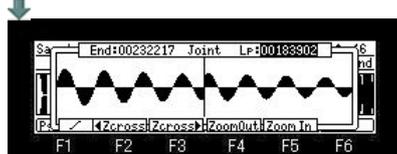
Adjustment of an end point



Please move cursor to the End field and turn a DATA wheel.

If a DATA wheel is turned holding [TAP TEMPO] or the [SHIFT] button, the quantity of change will increase 10 times.
If Q2 [AFTER] button is ON (the LED is lit), end point can be adjusted with a Q2 slider.

If the [WINDOW] button is pressed when a loop is ON, the window of "Joint" will open.



The left of screen is an end point and the right is a loop point.
Please turn and adjust a DATA wheel.

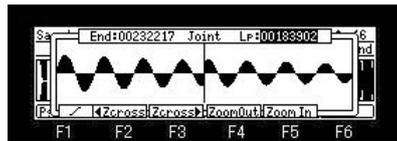
Level is expanded and displayed by ▲▼ cursor button.

Zero crossing point

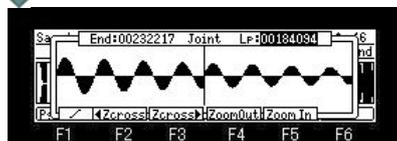
If F2 (◀Zcross) button or F3 (Zcross▶) button is pressed, it will be automatically set to a zero crossing point (wave-like amplitude is a point of 0).

If F2 (◀Zcross) button is pressed, in search of the zero crossing point of the direction of the left, it will set automatically.

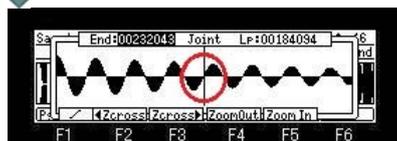
If F3 (Zcross▶) button is pressed, in search of the zero crossing point of the direction of the right, it will set automatically.



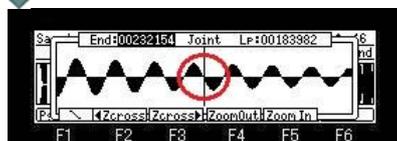
If F3 (Zcross▶) button is pressed in the state of the above figure, a result of the following figure will be brought.



If cursor is moved to the End field and F2 (◀Zcross) button is pressed, a result of the following figure will be brought.



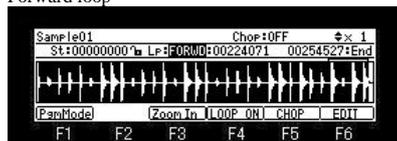
A result of the following figure will be brought, when F1 is changed into and the above-mentioned operation is performed.



selecting Loop mode

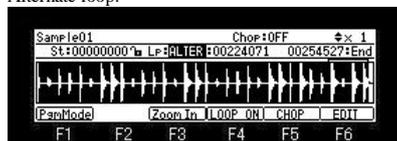
Please move cursor to the loop mode field and select by a DATA wheel.

Forward loop

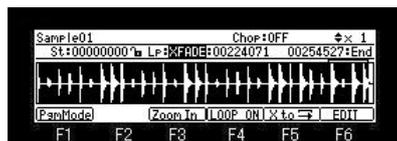


From a loop point to between end point, playback is repeated to forward direction.

Alternate loop.



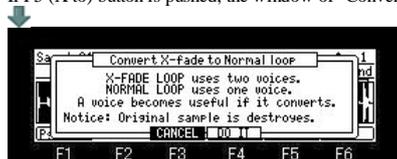
From a loop point to between end points, playback is repeated for a forward direction/reverse direction alternately.



Crossfade loop. (Crossfade of a start and end of a loop is carried out.)

Note: The short loop of 100mSEC or less cannot carry out cross fade.

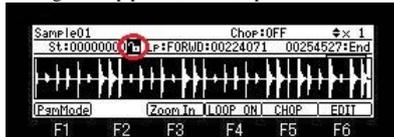
If F5 (X to) button is pushed, the window of "Convert X-fade to Normal loop" will open.



If F4 (DO IT) button is pressed, a cross fade loop will be converted to a normal loop (forward loop).

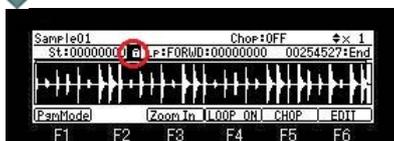
As for the sample of a cross fade loop, two voices are used. (As for a stereo sample, four voices are used)
A voice can be reduced to one by converting to a normal loop. (The stereo sample can reduce a voice to two)

Linking the loop point to the start point



Please move cursor to 'Lp' field.

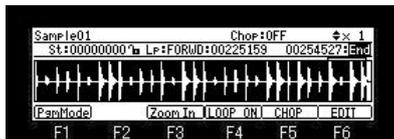
Turn the DATA wheel and set the field to 'L' (locked by the key).



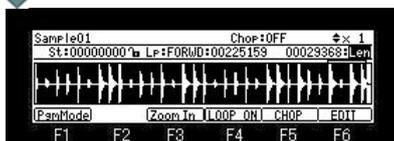
A loop point becomes the same value as a start point, and a start point will also be changed into the same value if a loop point is changed.
A loop point will also be changed into the same value if a start point is changed similarly.

Please reset 'L' to 'L' (unlocked by the key) to set a loop point and a start point separately.

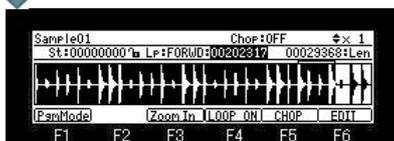
A loop point can be adjusted with the length of a loop held.



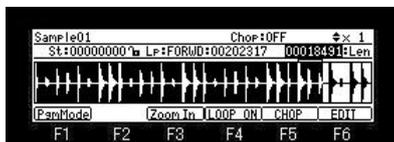
Please move cursor to the "End" field, turn a DATA wheel, and select "Len".



Please move cursor to the loop field.



A loop point can be adjusted holding the length of a loop, when the DATA wheel was turned.

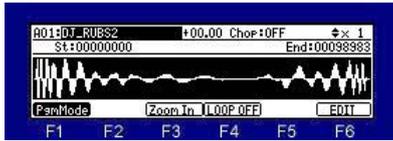


The length of a loop can be adjusted if a DATA wheel is turned in the length field.

---[How to reduce the loop noise of a sample](#)---

[Next page](#)

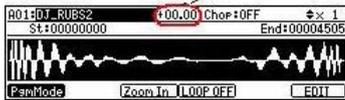
Pgm Mode



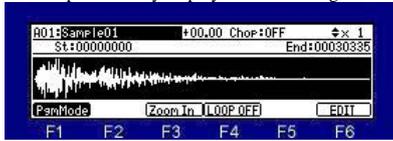
If F1 (PgmMode) button is pressed, it will change to Pgm Mode, and the sound reflecting the value of the program is pronounced. If each pad is hit, the sample currently assigned to the pad by the program will be displayed. The value changed when a sample and TUNE were changed on this screen is reflected in a program.

Trk 1:004-T11_Hip_Set	(DRUM)	Play: POLY
MIDI IN PAD	SAMPLE	SOUND CHOP DIR LEV TUNE
36C#1 R01	01_RUBS2	MOND: -- FOR 85 +00.00
37C#1 R02	01_RUBS2	MOND: -- FOR 100 +00.00
38D#1 R03	01_HAT2	MOND: -- FOR 99 +00.00
39D#1 R04	WIPE_SE	STREB: -- FOR 90 +00.00
SAMPLE AMP FILTER PITCH LFO/MUTE OUT FX		

The TUNE here is displayed.



The same sample can be easily assigned to two or more pads using a [UNDO] button. When cursor is in the sample field, please hit a pad, holding the [UNDO] button. The sample currently displayed will be assigned to the hit pad.



For example, "Sample01" will be assigned to PAD2, PAD3, and PAD4 if PAD2, PAD3, and PAD4 are hit holding the [UNDO] button in the state of the above figure.

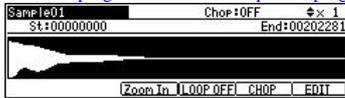
Notes

The sample of a layer 1 is displayed. The sample of layers 2 and 3 is not displayed.

When the sample of ONE SHOT is made into Loop ON, and the value of R (Release) of AMP of GPE is small, a loop will stop immediately.

Trk 1:002-DJ_Hip_Set	(DRUM)	Play: POLY
PAD PLAY MODE	VOICE	VELG
R	A	S
R	A	AMP Envelope
R01	ONE SHOT	POLY 0 0 0 100 50
R02	ONE SHOT	POLY 0 0 0 100 0
R03	ONE SHOT	POLY 0 0 0 100 0
R04	ONE SHOT	POLY 0 0 0 100 0
SAMPLE AMP FILTER PITCH LFO/MUTE OUT FX		

When the program of INST or the packed program is chosen, a Pgm mode does not work.. (PgmMode is not displayed on F1)



Non-Destructive Chop

■ A start/end point of 32(Chop1-Chop32) can be set to one sample.

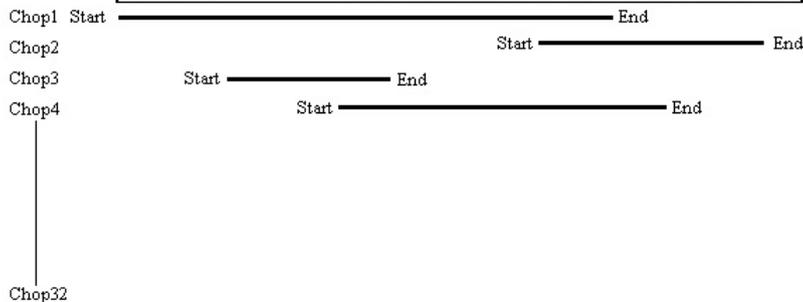
Notes

All samples are plays by ONE SHOT.

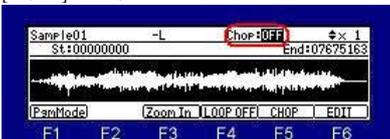
Please press the [STOP] button, if you want to stop sound immediately.

The portion which will blink if [SHIFT] + PAD is pressed is played. (from end point -200mSEC up to an end point)

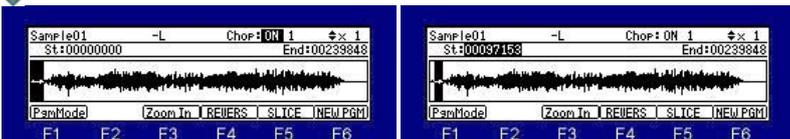
[MODE]+PAD6



[MODE]+PAD6



In TRIM mode, cursor is move to the Chop field, a DATA wheel is turned, and it is made Chop:ON. (Non-Destructive Chop mode.)



If it turns ON, a sample will be divided into 32 as a default value, and it will assign to Chop1-Chop32.

When you want to change a start/end point of each chop, please choose a chop number, move cursor to St or the End field, and turn and adjust a DATA wheel.

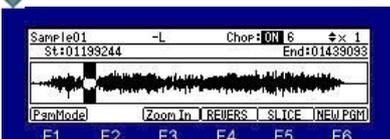
If Q1 and Q2 [AFTER] key is ON (the LED is lit), a start point can adjust an end point by Q2 slider with Q1 slider.

Selection of a chop number, move cursor to the chop number field, and please turn a DATA wheel.

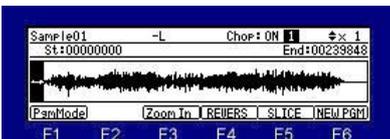


Moreover, since A01-B16 of pads correspond to Chop1-Chop32, a chop number can be chosen even if it hit a pad.

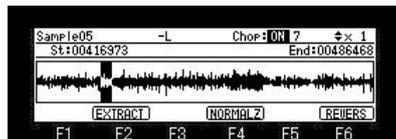
For example, Chop6 will be chosen if A06 of a pad is hit.



Note: When cursor is in the chop number field, a chop number is not chosen even if it hit pads.



It will become reverse playback if F4(REVERS) button is pressed.



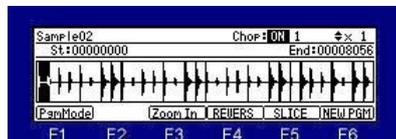
A [SHIFT]+ function key can use an edit function. (It performs to the region of the chop chosen)

Notes

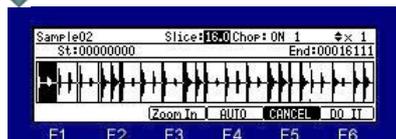
When it performs by selecting the edit function which is not in a button, it does not work normally.

For example, only the region of a chop is not set to MONO even if it chooses and performs the function of "STEREO=>MONO".

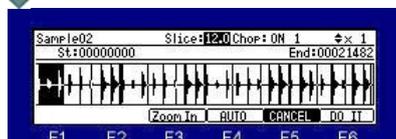
SLICE



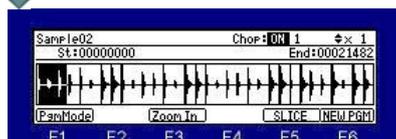
If F5 (SLICE) button is pressed, it will change to the screen in SLICE mode.



Please turn a DATA wheel and divide a sample into arbitrary numbers (2-32).



The sample sliced when F6 (DO IT) button was pressed is assigned to Chop.



AUTO



If F4 (AUTO) button is pressed, the window of "Auto Slice" will open.

Note: The long sample for 20 seconds or more cannot AUTO.

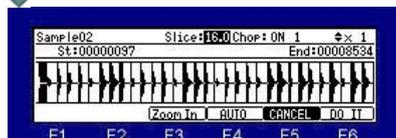


If AUTO is used, search of an attack will be performed automatically and it will be divided on the basis of the attack portion.

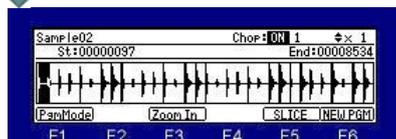
Recovery time(10 - 100): This sets the minimum time between the attack and the next attack. (The attack within a time is ignore.)

Threshold(0 - 100): This sets the detectable level of an attack.

If a setup finishes, please press the F5(DO IT) button.

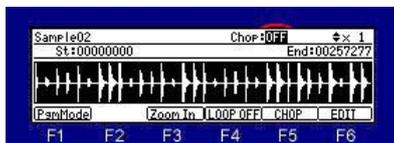


The sample sliced when F6 (DO IT) button was pressed is assigned to Chop.

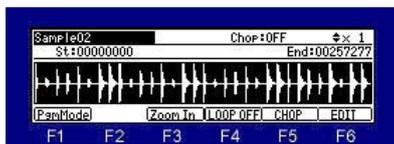


A setup of Chop is saved if saved with Chop ON.



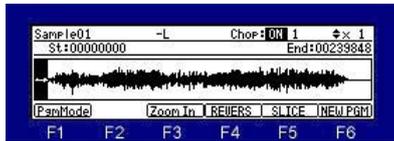


A setup of Chop is not saved when saved by Chop OFF.



Please refer to [TRIM](#) for F6 (EDIT).

NEW PGM



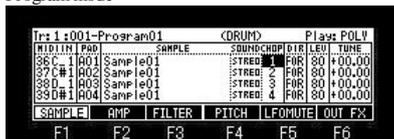
If F6 (NEW PGM) button is pressed, the window of "Create new program" will open.



If F5 (DO IT) button is pressed, a new program will be created and Chop1-32 will be assigned to pad A01-B16.

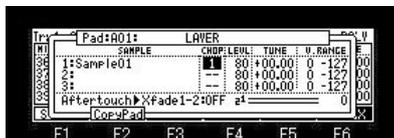
Assigning Chops to the pads.

Program mode



Please choose a chop number in a CHOP column.

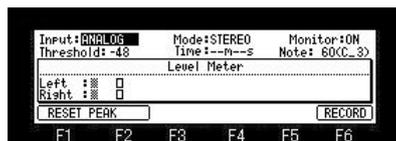
[Refer to video.](#)



The CHOP column of a "LAYER" window can also be chosen.

RECORD

[MODE]+PAD5(Record mode)

**Input field (Select the recording source)**

ANALOG: The incoming signal from a RECORD IN terminal will be recorded.

DIGITAL: The incoming signal from a DIGITAL IN terminal will be recorded.

MAIN OUT: The same signal as the signal from STEREO OUT will be recorded.

Mode field

MONO L: Only the incoming signal of a left channel will be recorded.

MONO R: Only the incoming signal of a right channel will be recorded.

STEREO: The incoming signal of the channel of the left and right will be recorded as a sample of a stereo.

MONO L+R: The incoming signal of the channel of the left and right will be recorded as a sample of a mono.

Monitor field

ON: You can monitor the input signal.

OFF: You cannot monitor the input signal.

Threshold field

After pressing F6 (RECORD) button, if the threshold level which the level of sauce set is exceeded, recording will be started automatically.



When F6 (START) button is pressed in this state, recording is started immediately.

Time field

Please set the recorded time.

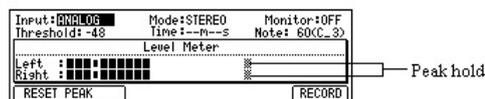
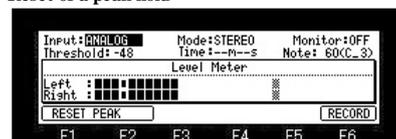
The recording ends automatically at the set time.

When time is not set, if recording is started, the time which can be recorded will be set automatically.

Note field

Please set the note number of the recorded sample.

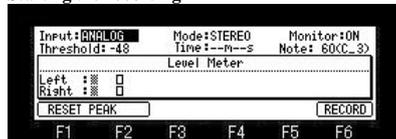
60(C_3) is set by default.

Reset of a peak hold

A peak hold will be reset if F1 or F2 button is pressed.

Notes

When the Input field is MAIN OUT, a level meter does not work.

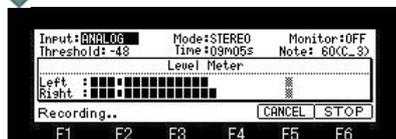
Starting the recording

Please press F6 (RECORD) button.



If an incoming signal exceeds a threshold level, recording will be started automatically.

Please press the F6 (START) button when you want to begin recording at once.



If F5 (CANCEL) button is pressed in this state, it will return to the state before starting recording.

Recording is stopped at the time set in the time field.

And a "Keep or Retry" window will open.

Even if F6 (STOP) button is pressed, recording stops.



Please set the name of the sample recorded in the New name field.

Please select the pad which assigns the recorded sample in the PAD field.

If F2 (RETRY) button is pressed, it will return to the state before removing the recorded sample and starting recording.

The audition of the sample recorded by pressing F3 (PLAY) button can be performed.

If F4 (toPAD) button is pressed, the sample recorded to the pad selected in the PAD field will be assigned, and a window will be closed. (It returns to the state before starting recording.)

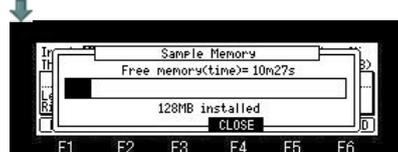
If F5 (KEEP) button is pressed, the recorded sample will not be assigned to a pad.

And it keep in the memory in MPC.

Sample Memory window



If the WINDOW button is pressed, the window of "Sample Memory" will open.



The Free memory field displays the time you can record with the current memory.

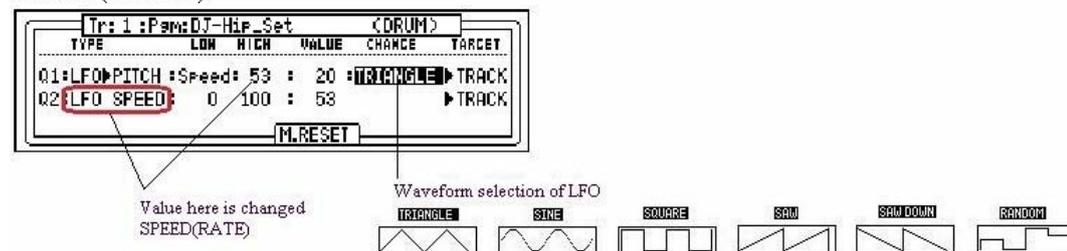
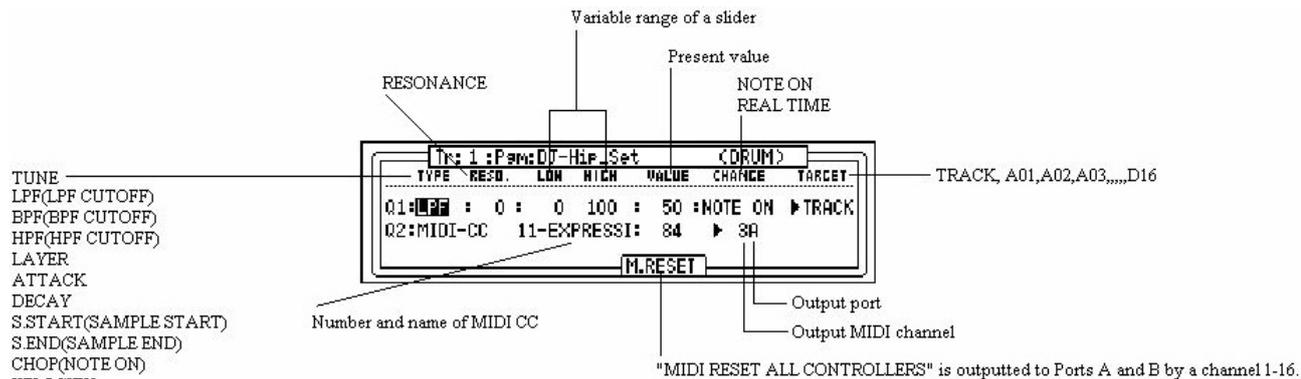
Below it, the status of the memory is indicated as bar graph.

Below the bar graph, the total amount of the RAM in the MPC is displayed.

SLIDER

[MODE]+PAD1

Q-Link works only on the screen of the main, track mute, and the next sequence.



TYPE:	The parameter controlled with a slider is chosen. MIDI-CC outputs a control change.
CHANGE:	Selection of NOTE ON or REAL TIME The parameters which use this selection are only TUNE, LPF, BPF, HPF, LEVEL, and PAN. NOTE ON The setting value of the Q-LINK slider at hitting the pad affects to the sound. If you change the QLINK slider while the sound is playing back, the sound will not be changed. REAL TIME If you change the Q-LINK slider while the sound is playing backs, the sound will be changed.
RESONANCE:	The parameters which use this setup are only LPF, BPF, and HPF.

Notes
In LFO>FILTR, when FILTER of a program is OFF, it works as Frequency 50 Resonance 80 of LPF.
A setup of a program is used when FILTER of the program is set up.

Tr: 1:002-01-Hip_Set	(DRUM)										Play: POLY	
PAD	TYPE	FRQ	RESO	FILTR	A	B	S	R	OPTM	FILTR	FRQ	RESO
A01	LPF	90	44	0	0	0	0	---	0	OFF	---	---
A02	LPF	95	18	0	0	0	0	---	0	OFF	---	---
A03	LPF	96	18	0	0	0	0	---	0	OFF	---	---
A04	OFF	---	---	---	---	---	---	---	---	OFF	---	---

Two or more parameters of LFO do not work at the same time.
Only one always works.
For example, LFO>FILTR and LFO>PITCH do not work at the same time.

It cannot coexist with 16LEVELS.
Q-Link slider will not work, if the AFTER key is not ON (the LED is lit).
Moreover, please turn OFF (the LED is turned off) the AFTER key, when the sequence on which note variation data is recorded is playback.
When the AFTER key is ON (the LED is lit), the note variation data currently recorded is not played back.
Two NOTE ON cannot be set as the same TARGET.
Priority is given to set of Q2 when the same TARGET is chosen.
As for PAN and LEVEL, the value of a program is changed.
Therefore, the changed value is reflected in the screen of MIXER.
[Refer to video.](#)

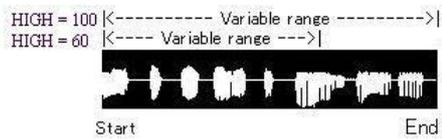
Behavior of CUTOFF

OLD OS is a value of value + Q-Link of a program.
OS2XL does not use the value of a program.
Only the value of Q-Link is used.

Explanation of the variable range of parameter S.START (SAMPLE START) and S.END(SAMPLE END).



When the variable range of a "Start point" is set as "HIGH = 60", the variable range becomes like a following figure.

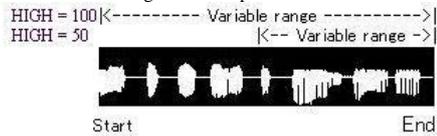


Tr: 1 : PansDJ-Hip_Set (DRUM)					
TYPE	LOW	HIGH	VALUE	CHANGE	TARGET
01: S.END		50	:	0	A01
02: OFF	:				

M.RESET

HIGH = Variable range

When the variable range of a "End point" is set as "HIGH = 50", the variable range becomes like a following figure.



■ CHOP

Chops is changed by slider. (0-32)

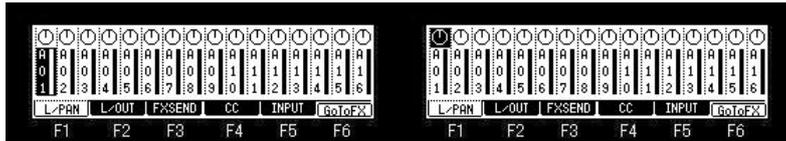
It is the Chop here.



Please refer to "[Non-Destructive Chop](#)" for this Chop.

Pad mixer

[MODE]+PAD8(Pad mixer mode)



The pad 1-16 indicates from the left of the screen.

Currently selected pad is highlighted.

The bar display on the bottom indicates the current level.

Longer bars indicate higher levels.

The circle in the top of the column indicates the pan setting.

The location of the line within the circle indicates the current pan setting.

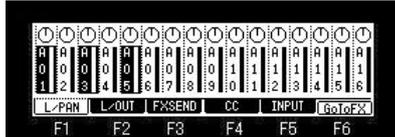
When cursor is in the position of a bar display, level can be adjusted by a DATA wheel.

When cursor is in the position of a circle display, pan can be setting by a DATA wheel.

Please hit a pad or with the right and left cursor button select the pad.

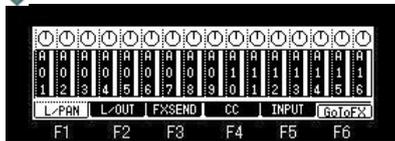
In addition, a setting of pan can be performed with Q1 slider. (MPC2500 can perform a setting of pan by Q3 knob)

Adjustment of level can be performed with Q2 slider. (MPC2500 can perform adjustment of level by Q1 slider)



If a pad is hit holding the [SHIFT] button, two or more pads can be selected.

Moreover, if a [SHIFT]+[PAD BANK] button is pressed, all the pads (16 pads) can be selected.



[SHIFT]+BANK A = PADA01-A16

[SHIFT]+BANK B = PADB01-B16

[SHIFT]+BANK C = PADC01-C16

[SHIFT]+BANK D = PADD01-D16

F2 (L/OUT)



If F2 (L/OUT) button is pressed, the field of a pan will change to the OUT field.

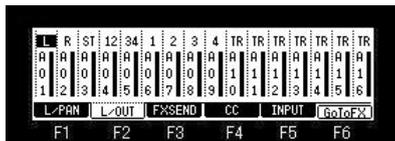
Please turn DATA wheel and set the output destination.

ST is outputted to STEREO OUT.

1-4 is outputted to ASSIGNABLE MIX OUT. (in the case of MPC1000)

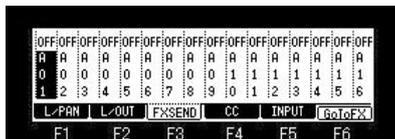
1-8 is outputted to ASSIGNABLE MIX OUT. (in the case of MPC2500)

TR is set by the default. (TR means that the setting of the truck mixer is referred to.)



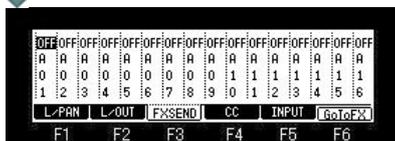
L is outputted to L of STEREO OUT and R is outputted to R of STEREO OUT. (Selection only in MPC1000)

F3 (FXSEND)

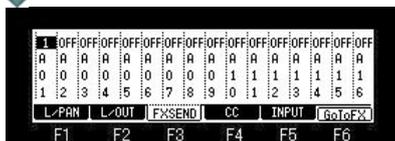


If F3 (FXSEND) button is pressed, it will become a setting screen of FX SEND.

Please move cursor to the upper field.



You can change the setting by turning the DATA wheel.

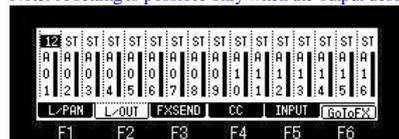


OFF: No effect will be used.

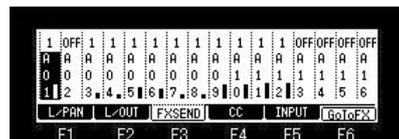
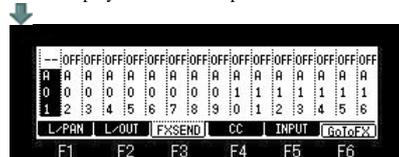
1: The Pad sound will be sent to the FX1 of the effect section.

2: The effect 2 will be used. The Pad sound will be sent to the FX2 of the effect section.

Note: A setting is possible only when the output destination is select as ST.

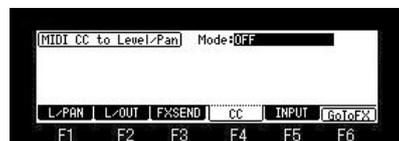


"--" is displayed when the output destination is not set to ST.



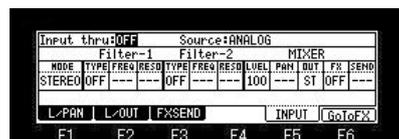
When REVERB or DELAY is select with the effect, the amount of application can be adjusted with Q1 slider. The bar display on the bottom indicates the current amount.

F4 (CC)



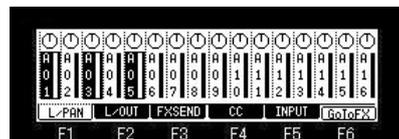
If F4 (CC) button is pressed, it will become a setting screen of a MIDI controller. Please refer to "[Pan and level of a mixer are controlled by a MIDI controller](#)".

F5 (INPUT)

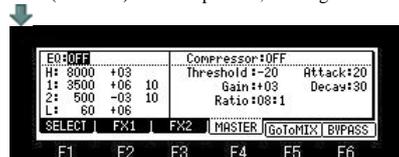


If F5 (INPUT) button is pressed, it will go to Input thru mode.

F6 (GoToFX)



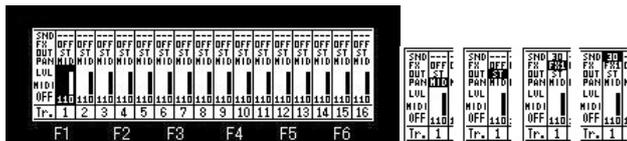
If F6 (GoToFX) button is pressed, it will go to the mode of an effect.



Truck mixer

[MODE]+PAD4(Track Mixer mode)

Notes: The sequence memorizes the setups (value of parameters) of the track mixer.



Please move cursor to the field to set a value to, and turn and set a DATA wheel.

Q1 slider can adjust the value of pan. (MPC2500 is Q3 knob)

Q2 slider can adjust the value of level. (MPC2500 is Q1 slider)

In addition, the value of pan of the pad in the same track and pan of a track is mixed.

For example, the value of pan of a pad is set to L50.

When the value of pan of a track is set to R50, the value of pan of a pad is set to MID.

Notes: When Level is operated with a slider, It cannot be operated if the position of a slider does not exceed the present set point.

PAN field

Please set the value of PAN.

OUT field

Please turn DATA wheel and set the output destination.

ST is outputted to STEREO OUT.

1-4 is outputted to ASSIGNABLE MIX OUT. (in the case of MPC1000)

1-8 is outputted to ASSIGNABLE MIX OUT. (in the case of MPC2500)

L is outputted to L of STEREO OUT and R is outputted to R of STEREO OUT. (Selection only in MPC1000)

Notes: As for the pad with which OUT of the pad is not set as TRK, OUT of a pad will be referred to. Refer to "OUT FX".

FX field

Please set, when you apply an effect.

OFF: No effect will be used. (The effect of a master is adapted. However, when EQ and COMP are ON)

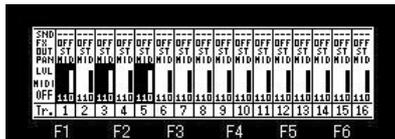
FX1: The effect selected by FX1 is adapted.

FX2: The effect selected by FX2 is adapted.

Notes: Selection is possible only when ST is select in the OUT field.

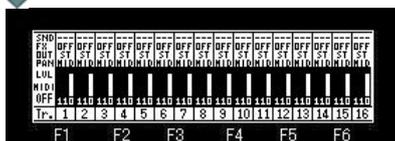
SND field

Please set the amount that an effect is applied to. (It can set, only when REVERB or DELAY is select with the effect.)



If a pad is struck holding the [SHIFT] button, two or more tracks can be chosen. (PAD1-PAD16 correspond to Track1-Track16.)

Moreover, 16 tracks can be chosen if a [SHIFT]+[PAD BANK] button is pressed.

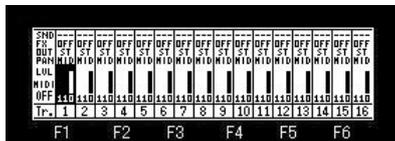


[SHIFT]+BANK A = TRACK1-16

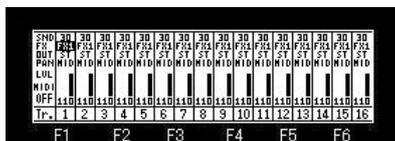
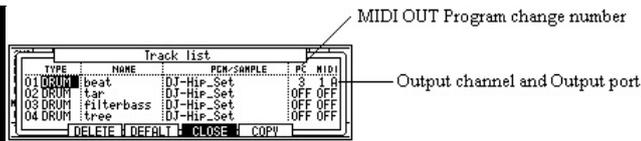
[SHIFT]+BANK B = TRACK17-32

[SHIFT]+BANK C = TRACK33-48

[SHIFT]+BANK D = TRACK49-64



If the [WINDOW] button is pushed when cursor is in level, PAN, and the OUT field, the window of "Track list" will open.



If the [WINDOW] button is pushed when cursor is in FX field, the window of "FX" will open.



If the MIDI field is turned ON, a MIDI controller can adjust level and pan.

A track is controllable only to track1-16

Moreover, when this is ON, the level of a MIDI sequence and the value of a pan are also reflected.

A channel and the control change number are as follows.

Notes: Change of a channel or a control change number cannot be performed.

	チャンネル	レベル	パン
Track 1	1	CC#7	CC#10
Track 2	2	CC#7	CC#10
Track 3	3	CC#7	CC#10
Track 4	4	CC#7	CC#10
Track 5	5	CC#7	CC#10
Track 6	6	CC#7	CC#10
Track 7	7	CC#7	CC#10
Track 8	8	CC#7	CC#10
Track 9	9	CC#7	CC#10
Track 10	10	CC#7	CC#10
Track 11	11	CC#7	CC#10
Track 12	12	CC#7	CC#10
Track 13	13	CC#7	CC#10
Track 14	14	CC#7	CC#10
Track 15	15	CC#7	CC#10
Track 16	16	CC#7	CC#10

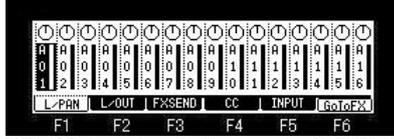
Notes: Priority is given to the mixer of an effect or a pad when the same CC as the mixer of an effect or pad is set.

Pan and level of a mixer are controlled by a MIDI controller

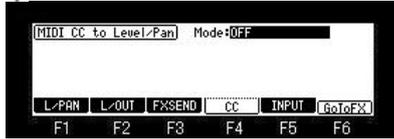
■ The level and pan of a mixer are controllable by a MIDI controller.

■ In the case of the mixer of a pad
A pad is controllable only to A01-A16.

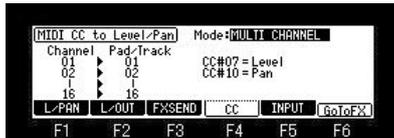
[MODE]+PAD8



If F4 (CC) button is pushed in the mode of MIXER, it will become CC assignment screen of a MIDI controller.



Please turn a DATA wheel and select the mode.



When MULTI CHANNEL mode is select, it is set as follows by fixation.

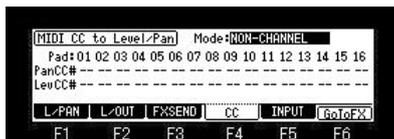
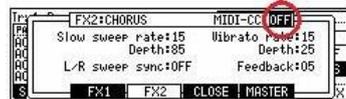
	MIDI Channel	LEVEL	PAN
A01	1	CC#7	CC#10
A02	2	CC#7	CC#10
A03	3	CC#7	CC#10
A04	4	CC#7	CC#10
A05	5	CC#7	CC#10
A06	6	CC#7	CC#10
A07	7	CC#7	CC#10
A08	8	CC#7	CC#10
A09	9	CC#7	CC#10
A10	10	CC#7	CC#10
A11	11	CC#7	CC#10
A12	12	CC#7	CC#10
A13	13	CC#7	CC#10
A14	14	CC#7	CC#10
A15	15	CC#7	CC#10
A16	16	CC#7	CC#10

When CC#7 or CC#10 are set with the effect(FX2), a MIDI controller works to an effect(FX2).

Priority is given to effect(FX2) when the same CC as effect(FX2) is set.

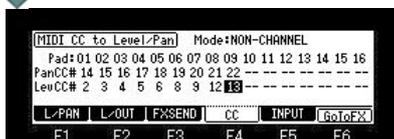
In this case, if the MIDI-CC field of an effect(FX2) is turned OFF, a MIDI controller will work in a mixer. (Refer to the following figure)

Please turn this OFF.



When NON-CHANNEL mode is select, arbitrary control change numbers can be assigned to a pan and level.

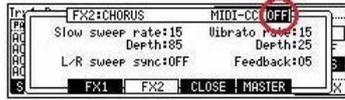
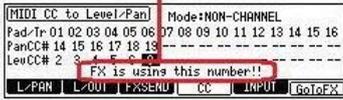
Please set a control change number to each pad in the PanCC# field and the LevCC# field.



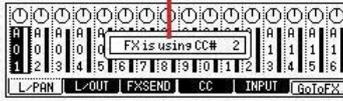
In addition, if the knob and slider of a MIDI controller are moved when cursor is in the PanCC# field or the LevCC# field, the received control change number will be automatically set to the cursor position.

When the same CC as the parameter of FX2 is assigned, this message is displayed on the bottom of a screen.

A message will not be displayed, if this is turned OFF or other CC is set.



It is displayed when the same CC as the parameter of FX2 is assigned.



If other CC is assigned or the MIDI CC field of FX2 is turned OFF, a message will not be displayed. Priority is given to effect(FX2) when the same CC as effect(FX2) is set.

Note: A setup of assigned MIDI CC is memorized by the system by pressing the MAIN button.



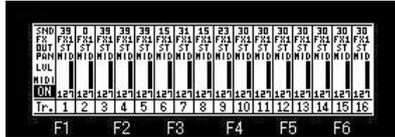
Operation of the MIDI controller currently assigned to the mixer of the pad will display "CC PAD MIXER" on the indicator field of a main screen.

Notes

- CC currently recorded on the sequence does not work in pad mixer.
- Priority is given to pan when the same CC as pan and level is set.
- Priority is given to effect(FX2) when the same CC as effect(FX2) is set.

- In the case of the mixer of a track
- A track is controllable only to track1-16

[MODE]+PAD4



It is controllable if the MIDI field is turned ON. Moreover, when this is ON, the level of a MIDI sequence and the value of a pan are also reflected. A channel and the control change number are as follows.

Notes: Change of a channel or a control change number cannot be performed.

	Channel	Level	Pan
Track 1	1	CC#7	CC#10
Track 2	2	CC#7	CC#10
Track 3	3	CC#7	CC#10
Track 4	4	CC#7	CC#10
Track 5	5	CC#7	CC#10
Track 6	6	CC#7	CC#10
Track 7	7	CC#7	CC#10
Track 8	8	CC#7	CC#10
Track 9	9	CC#7	CC#10
Track 10	10	CC#7	CC#10
Track 11	11	CC#7	CC#10
Track 12	12	CC#7	CC#10
Track 13	13	CC#7	CC#10
Track 14	14	CC#7	CC#10
Track 15	15	CC#7	CC#10
Track 16	16	CC#7	CC#10

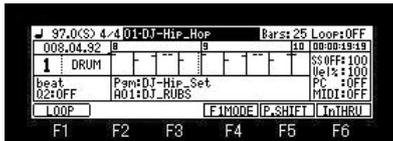
Notes: Priority is given to the mixer of an effect or a pad when the same CC as the mixer of an effect or pad is set.



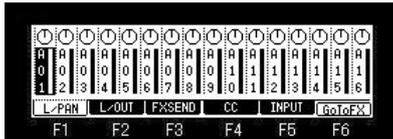
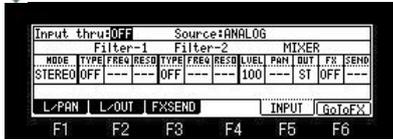
Operation of the MIDI controller currently assigned to the mixer of the track will display "CC TRK MIXER" on the indicator field of a main screen.

Input Thru

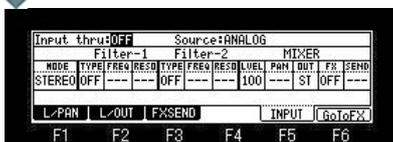
■ The MPC1000 can mix the incoming signal from RECORD IN or DIGITAL IN with the play back sound from the MPC1000. You can also route the Input Thru signal to the internal Effects and Filters.



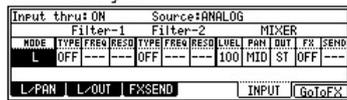
Please press F6(InTHRU) button, pressing the [SHIFT] button on a main screen.



Please press F5 (INPUT) button on the screen of MIXER.



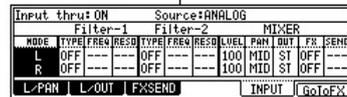
MONO of only L



MONO of only R



MONO of L+R



Level meter



The value of a parameter can be set with a DATA wheel or Q1 slider.

Note: When cursor is in the TYPE column, the value of FREQ will be changed if Q1 slider is operated.

Level mete	The level of an incoming signal is displayed. Please perform adjustment of level by the [REC GAIN] knob. (It cannot adjust, when Source is DIGITAL)
Source	You can select the input signal, ANALOG or DIGITAL.
MODE	You can select the input signal, ST (Stereo), L (L channel) or R (Right channel). Please choose LR to use L and R by a separate set.
TYPE	The type of the filter to be used is select. LPF(LOW PASS): This filter cuts out the high frequencies and passes the low frequencies. BPF(BAND PASS): The filter passes the specific frequencies and cuts out the other frequencies. HPF(HIGH PASS): This filter cuts out the low frequencies and passes the high frequencies. EQL(Equalizer Low): Low sound is boost and cut. EQH(Equalizer High): High sound is boost and cut. LNK(Filter2): The always same setting as a filter 1 is applied.
FREQ	Please set the cut off frequency. (0-100) When TYPE are EQL and EQH(-100 to +100)
RESO	If you set the resonance value at a larger value, the frequencies set in the FREQ column will be boosted more. (0-100)
LEVEL	Please set the level of a signal. (0-100)
PAN	This will allow you to set the pan position. (L50 - MID - R50) Note: When STEREO is chosen in the MODE column, it cannot set.
OUT	Applying effects to an You can select the outputs of the input thru signal. (ST, 12, 34, 1, 2, 3, 4, L, R)
FX	You can select the effect of the input thru signal. (OFF, FX1, FX2) Note: Selection is possible only when ST is select in the OUT column.
SEND	You can set the effect send level of the Input thru signal. (0-100) It can set, only when REVERB or DELAY is select with the effect.

■ Recording

If the [REC] button is pressed, the sound of MAIN OUT will be recorded.

If [STOP] or the [REC] button is pressed once again, recording will stop. (Even if it changes a screen, recording stops.)
If recording is stopped, the recorded contents will be kept to the memory of MPC by the file name of "Sample*:*".

MIDI/SYNC

**Multi timbre field**

It is the field which chooses ON/OFF of a multi timbre. Please refer to a "[Multi timber](#)".

Active track receive channel field

It is a field that selects the received MIDI channel.

If you set this field to ALL, the MPC will receive all channels.

If you select any channel from 1 to 16, the MPC will receive only the selected channel.

Soft thru field

The soft thru field determines how to output the incoming MIDI signal.

You can select the following options.

OFF: The MPC will not output the incoming MIDI signal.

AS TRACK: The MPC refers to the MIDI channel setting of the sequence's track.

The channel information of the incoming MIDI signal will be replaced with the MIDI channel selected the track.

OMNI-A: The MPC will output the incoming MIDI data as it is from MIDI OUT A.

OMNI-B: The MPC will output the incoming MIDI data as it is from MIDI OUT B.

OMNI-C: The MPC will output the incoming MIDI data as it is from MIDI OUT C. (Selection that exists only in MPC2500)

OMNI-D: The MPC will output the incoming MIDI data as it is from MIDI OUT D. (Selection that exists only in MPC2500)

OMNI-AB: The MPC will output the incoming MIDI data as it is from both MIDI OUT A and B.

OMNI-CD: The MPC will output the incoming MIDI data as it is from both MIDI OUT C and D.

(Selection that exists only in MPC2500)

OMNI-ALL: The MPC will output the incoming MIDI data as it is from all of MIDI OUT A, B, C, and D.

(Selection that exists only in MPC2500)

Sequence change by program change field

When this field is set to "ON", MPC can change to a different sequence by MIDI Program Change message from an external MIDI device.

The sequence of the same number as the incoming Program Change number will be selected.

MIDI out after touch field

When this field is set to "YES", the poly pressure will be outputted by the after touch of a pad.

When a program is "INST", a channel pressure is outputted by the after touch of a pad.

■ About a button

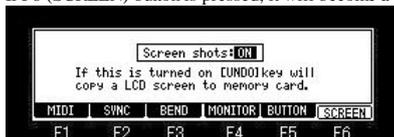
Please refer to "[MMC-MTC-CLOCK](#)" for F2 (SYNC).

Please refer to "[Pitch Bend Sensitivity \(Variable range of Pitch Bend\)](#)" for F3 (BEND).

Please refer to "[MIDI IN monitor](#)" for F4 (MONITOR).

Please refer to "[A function is assigned to MIDI NOTE \(MPC is operated by a MIDI controller\)](#)" for F5 (BUTTON).

If F6 (SCREEN) button is pressed, it will become a screen of the following figure.



If the Screen shots field is set to "ON", and the [UNDO] button is pushed, the BMP file of a screen will be made and it will be saved to CF card.

This is a function for on-line manual creation.

Therefore, it is not related to the function of MPC.

(When there is a program to which the program change 129 is set)

[Refer to video.](#)



NOTE 24-35 in case a program is DRUM is converted to NOTE 88-99.

Therefore, when NOTE 24 is received, the sample currently assigned to NOTE 88 (PAD D05) is pronounced.

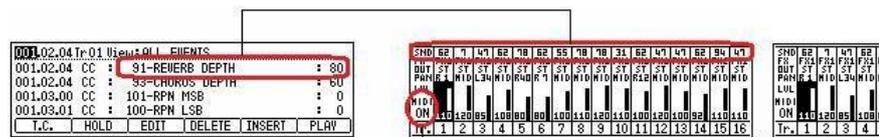
Also when the event of NOTE 24 currently recorded on the sequence is played back, the sample currently assigned to NOTE 88 (PAD D05) is pronounced.

In the case of NOTE 35, the sample currently assigned to NOTE 99 (PAD D16) is pronounced.

[Refer to video.](#)



The value of REVERB DEPTH of a MIDI sequence is reflected in the SEND level of an effect as 127=100.



It is not reflected when the MIDI field of a truck mixer is OFF.

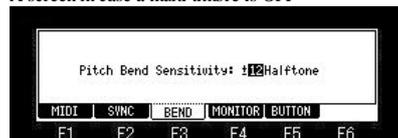
Please refer to it for Pitch Bend [here.](#)

Pitch Bend Sensitivity (Variable range of Pitch Bend)

- If F3 (BEND) button is pushed in the mode of [MODE]+PAD9 (MIDI/SYNC), it will become the mode of "Pitch Bend Sensitivity".

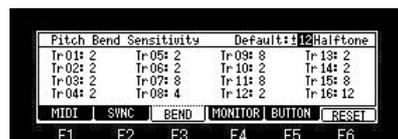
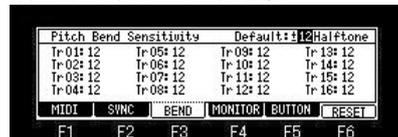
It is the mode which sets the variable range of Pitch Bend.

A screen in case a multi timbre is OFF

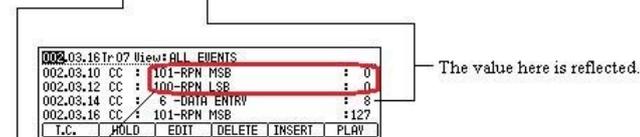


It is possible to set to one octave in each halftone. (1 = Halftone)

A screen in case a multi timbre is ON



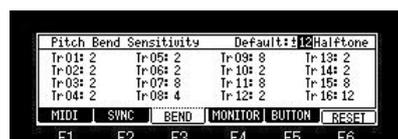
A value will be reflected in each track if the control change of Pitch Bend Sensitivity is received.



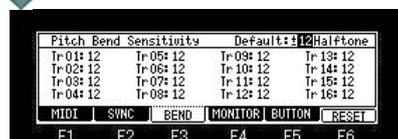
RPN 0 is CC which sets the variable range of Pitch Bend.
(It is a control change recorded in the MIDI sequence.)



2 will be set if BANK SELECT MSB(CC=0) is received.
(It is a control change recorded in the MIDI sequence.)



If F6 (RESET) button is pushed or the [PLAY START] button is pushed, it will return to a default value.

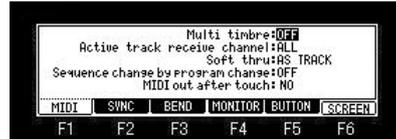


[Refer to video.](#)

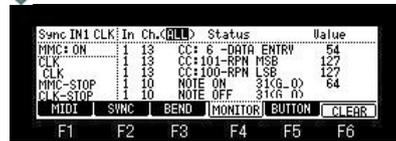
MIDI IN monitor

■ Received MIDI information can be monitored.

[MODE]+PAD9

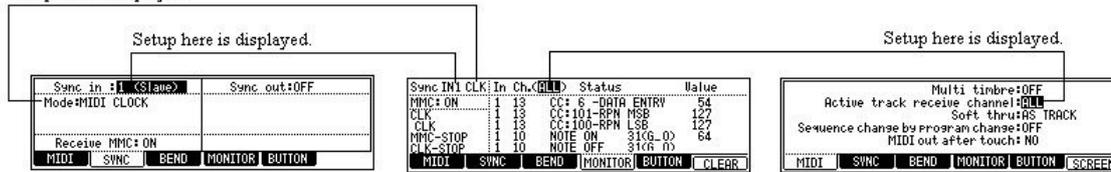


If the F4(MONITOR) button is pressed in the mode of MIDI/SYNC, it becomes the screen of the MIDI IN monitor.



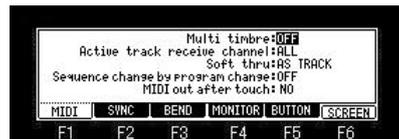
When the F6(CLEAR) button is pressed, all the displays are cleared.

Setup here is displayed.

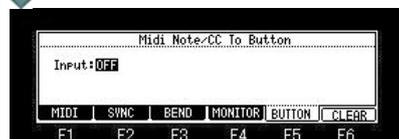


A function is assigned to MIDI NOTE/CC.

- The function of MPC can be assigned to MIDI NOTE/CC and MPC can be operated by a MIDI controller. ([Refer to video](#))



If F5 (BUTTON) button is pressed in the screen of MIDI/SYNC, it will become the mode which assigns the function of MPC to MIDI NOTE/CC.



Please turn ON the Input field.



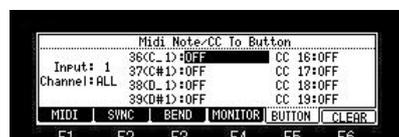
When "1" is select, the function of MPC can be operated by the MIDI controller connected to "1" of a MIDI IN terminal.
When "2" is select, the function of MPC can be operated by the MIDI controller connected to "2" of a MIDI IN terminal.



Please select the channel received in the Channel field.



Please choose the note or cc which assigns a function in the note or cc field.



Please move the cursor to the right of the note or cc, and select the function to assign.



You can select the following functions.

	OFF	It works as NOTE.
	PLAY START, PLAY, STOP, OVER DUB, REC BAR, STEP, CURSOR, MAIN, WINDOW, UNDO SHIFT, TAP TEMPO, MODE, ERASE, FULL LEVEL 16 LEVELS, NEXT SEQ, TRACK MUTE, BANK A - BANK D, F1 - F6, AFTER	If NOTE ON is received, it works the same as the selected button.
	SLIDER, LOAD, SAVE, TRACK MIXER, RECORD TRIM, PROGRAM, PAD MIXER, MIDI/SYNC, OTHER EFFECT, SEQ EDIT, STEP EDIT, GRID, SONG	If NOTE ON is received, it will go to the mode selected.
NOTE 0-127	TRACK01 - TRACK16	If NOTE ON is received, an active track will change into the selected track.
	TRK 01 MUTE-TRK 16 MUTE	If NOTE ON is received, it will mute the selected track. If NOTE OFF is received, it will be unmute.
	TRK 01 SOLO - TRK 16 SOLO	If NOTE ON is received, the selected track is made into a solo. If NOTE OFF is received, it will be unsolo
	NUMERIC 0 - NUMERIC 9 NUMERIC +, NUMERIC -, NUMERIC ENTER	If NOTE ON is received, it works the same as the selected button. This selection is not in MPC2500.
	DATA +	If NOTE ON is received, it works the same as turning a DATA wheel to the right.
	DATA -	If NOTE ON is received, it works the same as turning a DATA wheel to the left.
CC#0-127	OFF	It works as CC.
	START, PLAY, STOP, OVER DUB, REC, UNDO	When 64 or more values of CC are received, it works the same as the selected button.
	REC+PLAY	When 64 or more values of CC are received, it works as the same when you press the REC button and the PLAY button simultaneously
	REC+START	When 64 or more values of CC are received, it works as the same when you press the REC button and the PLAY START button simultaneously
	DUB+PLAY	When 64 or more values of CC are received, it works as the same when you press the OVER DUB button and the PLAY button simultaneously

DUB+START	When 64 or more values of CC are received, it works as the same when you press the OVER DUB button and the PLAY START button simultaneously
Q1SLIDER-Q4SLIDER (Q3 and Q4 are not in MPC1000.)	A value also changes according to the value of CC.
PAD_01-PAD_16	The pad selected when 64 or more values of CC were received is turned on. The pad selected when 63 or less value of CC was received is turned off.

After setting, the contents of a setting are memorized by the system by pushing the [MAIN] button.

Note: A setting here is given to priority when same CC as the effect and the mixer is allocated.



If F6 (CLEAR) button is pressed, all the settings will be returned at OFF.



When the Input field is OFF, it works as a note/cc.

MMC - MTC - CLOCK

■ MMC (MIDI Machine Control)

The start of other devices and a stop are performed by remote control.

■ Sync with the MPC as the master

If START, PLAY, and the STOP button are pressed, MMC START, MMC PLAY, and MMC STOP will be sent, respectively.

If a STEP/BAR button is pressed, the time information on the current location from the start of a sequencer (MMC LOCATE) will be sent.

Example of a setting



[MODE]+PAD9 =>F2(SYNC) Screen

Connect the MIDI OUT of the MPC to MIDI IN of the external MIDI device using a MIDI cable.

■ Sync with the MPC as the slave

Received of MMC START, MMC PLAY, and MMC STOP will carry out the same operation as the button of START, PLAY, and STOP having been pressed.

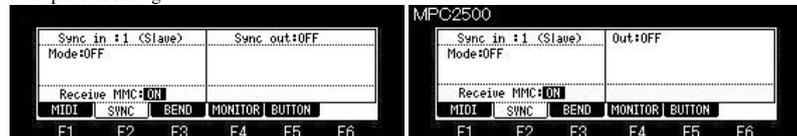
Received of time information (MMC LOCATE) will locate a sequencer in the location.

If MMC PLAY is received, regardless of the play location by the side of a master, a play will be started from a current location.

Note

Although it seems to synchronize since a master and a slave will start a play almost simultaneous if a start and a play are sent, the synchronized signal is not necessarily sent.

Example of a setting



Connect the MIDI IN of the MPC to MIDI OUT of the external MIDI device using a MIDI cable.

Send	
MPC Control	MMC Command sent
Play	MMC Deferred Play
Play Start	MMC Start
Stop	MMC Stop
<Step>, <<Bar>>	MMC Locate

Receive	
MMC Command sent	MPC equivalent
MMC Deferred Play	Play
MMC Start	Play Start
MMC Stop	Stop
MMC Locate	Locate
MMC Record	Record
MMC Pause	Stop

■ MTC (MIDI Time Code)

It uses, when synchronizing with a hard disk recorder, the recorder of a video camera and a tape base, etc.

■ Sync with the MPC as the master

The time information (time second frame) currently played during a play is transmitted continuously.

Example of a setting



Connect the MIDI OUT of the MPC to MIDI IN of the external MIDI device using a MIDI cable.

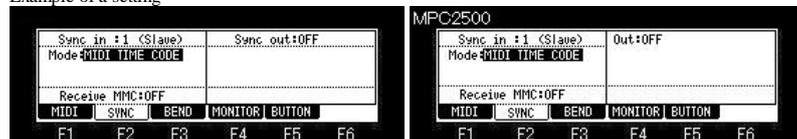
■ Sync with the MPC as the slave

Received of MTC will play a sequencer synchronizing with the time.

MTC synchronizes with the time after a sequencer starts.

If a MTC signal stops, a sequencer will also stop.

Example of a setting



Connect the MIDI IN of the MPC to MIDI OUT of the external MIDI device using a MIDI cable.

■ Setting of start time



When cursor is a Time field, press the [WINDOW] button, the "Start Time" window will open.



Start time:	If the time set up here is received, a sequencer will start.
Frame rate:	When you use MPC as a master, please adjust with the frame rate by the side of a slave. When using MPC as a slave, it is not necessary to set up.

Note

By the time a slave device synchronizes with MTC, the time for several seconds will be needed. Therefore, in order to make it synchronize correctly using MTC, we recommend you to make the blank like one bar beforehand before a performance start.

MIDI CLOCK

It synchronizes with the clock of a sequencer.

MIDI CLOCK will also change the tempo by the side of a slave, if the tempo by the side of a master is changed.

Each other is a MIDI sequencer. It uses, when it seems that changes the tempo by the side of a master, and also wants the slave side to follow it.

Sync with the MPC as the master

A press on START, PLAY, and the STOP key will transmit each MIDI code.

Then, adjusting to tempo, the MIDI CLOCK code is transmitted.

If tempo is made quick, the interval of a clock will become short, and a clock interval will become long if it is made late.

Example of a setting



Connect the MIDI OUT of the MPC to MIDI IN of the external MIDI device using a MIDI cable.

Sync with the MPC as the slave

Received of START will wait to set the play position of a sequence to 01.01.00, and for MIDI CLOCK to come.

Received of PLAY will wait for MIDI CLOCK to come.

Then if MIDI CLOCK is received, it will play synchronizing with the timing of the clock.

In this case, regardless of the play position by the side of a master, it plays from a current position.

Example

MASTER Now:010.01.00

SLAVE Now:015.01.00

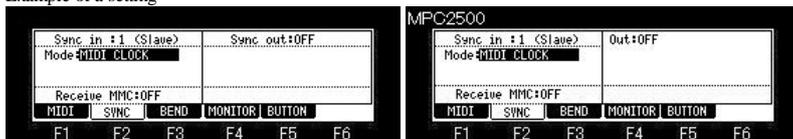
When a master plays in this state.

MASTER is plays from 010.01.00.

Slave is plays from 015.01.00.

If a STEP/BAR button is pressed by the master side, the "SONG POSITION POINTER" code of MIDI is sent and the slave side will be played from the same position as a master.

Example of a setting



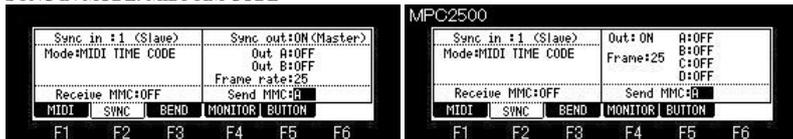
Connect the MIDI IN of the MPC to MIDI OUT of the external MIDI device using a MIDI cable.

The example of a setting in case MPC is in a side and there is apparatus of a master in the distance.

SYNC OUT MMC: ON

SYNC IN MMC: OFF

SYNC IN MODE: MIDI TIM CODE



Connect the MIDI OUT of the MPC to MIDI IN of the device which becomes a master using a MIDI cable.

Connect the MIDI IN of the MPC to MIDI OUT of the device which becomes a master using a MIDI cable.

Setting of master device

1. It sets up receive MMC.

2. It sets up transmit MIDI TIM CODE.

If the [PLAY] button is pressed by the MPC side, the master side will carry out a play start and will send MIDI TIM CODE.

MPC1000 is played synchronizing with it.

When only synchronizing and making it play, it is not necessary to use MMC.

Note

Please use MIDI CLOCK, when the master and slave side is in the neighborhood and wants to make it only synchronize.

Please use MTC, when the device to connect supports only MTC.

Save / Load / Auto Load / Format

■ Save of data

Note

The total of the item (file and folder) that can do save in one folder is the maximum and is "1000".

Therefore, please do not save the file of 1000 or more to one folder.

When the file of 1000 or more is saved, it is not saved correctly.



Please move cursor to the device field (screen upper right), and choose a save destination.

When you want to save to the folder of a hierarchically,

1. Please press the ▼ cursor button and move cursor to the down field.



2. Please choose the folder of a save destination by a DATA wheel or ▼ cursor button.

3. Please press the ► cursor button and open a folder. (Please display contents)

4. Please select Type of a save in the Save field.



5. When you save a file, please press the ▼ cursor button and move cursor to the file field.

6. Please choose the file to save with a DATA wheel or ▼ cursor button, and press F6 (DO IT) button.

The following is a case where "Sample01" of a sample is saved to a "Autoload" holder



Please press the ► cursor button and open a folder. (Please display contents)



Please move cursor to "Sample01" of a left screen.



A press F6(DO IT) button will save "Sample01" to a "Autoload" folder.



If a save is completed, "Sample01" will be displayed on a right screen and it will blink twice.

Note

The audition of a sample to save can be performed.

When the sample is chosen in the file field, the audition of the sample chosen if arbitrary pads are pressing can be performed.

Moreover, even if it chooses a sample by a DATA wheel, pressing a pad, audition is Possible.



If a [SHIFT] + ▲ cursor button is pressed, cursor will move to the upside field.



The save screen of a program



When the "Replace same samples" field is NO, if there is a sample to which edit or change was added, the "Replace changed samples" field will be displayed. When this field is "YES", the sample to which edit or change was added is replaced.

Change of the file name of "ALL_SEQ&SONGS"



The name of "ALL_SEQ&SONGS" can be changed when "ENTIRE MEMORY" or "ALL SEQUENCES" is saved.

Notes

Although "ALL PROGRAMS" and "ALL SAMPLES" are saved independently one by one, "ALL_SEQ&SONGS" is collectively saved as one file.



Moreover, even if the "Replace same file" field is "NO" in this screen, the "SEQ&SONGS" file of the same name is replace.

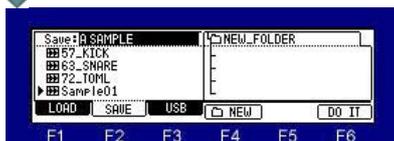
Creating a NEW FOLDER



Please press the F4 (NEW) button.



Please edit the name of a folder and press F6 (ENTER) button.



A new folder is created and will be state which the folder opened.

Loading of a folder or a file



Please select the loading destination in the Load field.



Please move cursor to a folder or a file to load, and press the F6 (DO IT) button.

Sample to load is assigned to a pad.



If the [WINDOW] button is pushed in the mode of LOAD, a "Option" window will open.



When the setup here is "ON", if loading of a sample is performed, the window of "Assign to Pad" will open.



Please move cursor to the pad number which wants to assign the sample to load, and press the F5 (YES) button. When the F4 (NO) button is pressed, it does not assign to a pad. And a window is closed.

Audition of a sample



When the sample is chosen in the file field, the audition of the sample chosen when arbitrary pads were pressed can be performed. Moreover, even if it chooses a sample by a DATA wheel or ▲▼ cursor button, pressing an arbitrary pad, audition is possible. Furthermore, when the [PLAY] or [PLAY START] button is pressed, the sample is played back to end.

AUTO LOAD

LOAD MODE



If F4 (A. LOAD) button is pushed in the mode of LOAD, the window of "Auto Load" will open.



Please select a device.



Please move cursor to Folder1 and choose the folder which wants to carry out an auto load.



A setup will be completed if F5(ENTER) button is pressed.



Note: The auto load of the two arbitrary folders can be carried out.

FORMAT

SAVE MODE



When cursor is upper right field, press the [WINDOW] button, the "Property" window will open.



If F2 (FORMAT) button is pressed, the window of "FORMAT" will open.



LOAD MODE



If the [WINDOW] button is pressed when cursor is in the "Load" field, the window of "Option" will open.



If F2 (FORMAT) button is pressed, the window of "FORMAT" will open.



■ Setups of a system is saved.

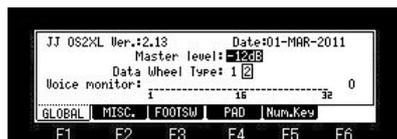
Setups of the present system can be saved by the file name of "MPC1 K_SETUPS.SYS". (MPC2500 is "MPC25 K_SETUPS.SYS")
If OS is changed, setups of a system will return to a default value.
It will return to former setups by loading this file.



A file name cannot be changed.
It will not be able to read, if changed.

OTHER

■ Explanation in OTHER mode

**Master level field**

You set a master level.

The MAIN VOLUME changes the analog signal level.

This will also adjust the entire level of the MPC digitally.

Data Wheel Type field

When the reaction of a DATA wheel is slow or cannot change the value of one step, please change the set.

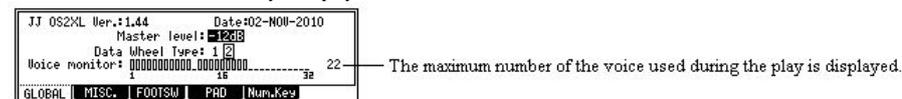
Usually, MPC in which Ver2.12 or less AKAI OS was installed selects 1.

MPC in which Ver2.13 was installed selects 2.

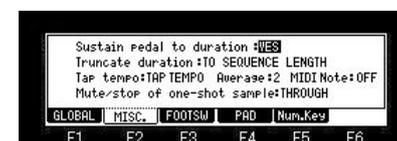
If OS is changed, this set will return to default setting"2".

Voice monitor field

The number of voices used currently is displayed with the bar meter.



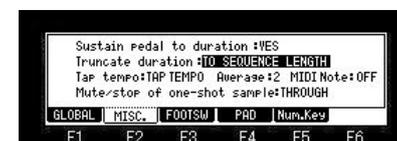
■ F2(MISC.)

**Sustain pedal to duration field**

You select how to record sustain pedal information.

YES: The MPC converts the sustain pedal information into duration.

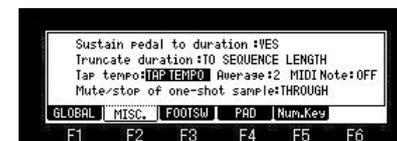
NO: The MPC records the sustain pedal information as it is.

**Truncate duration field**

When you are recording a sequence in the loop mode, you can specify how the MPC should operate when it reaches the boundary of the loop while you are holding a pad.

(it reaches the end of the sequence and jumps back to the beginning)

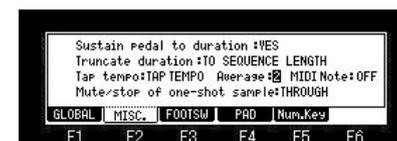
TO SEQUENCE LENGTH:	The MPC records as played up to sequence length.
TO SEQUENCE END:	The MPC cuts the note at the end of the sequence even if you hit the pad.
AS PLAYED:	The MPC records your performance as it is played.

**Tap tempo field**

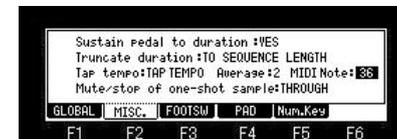
The button or pad which performs tap tempo is selects.

TAP TEMPO: It carries out using the TAP TEMPO button.

PAD1-PAD16: It carries out using the selected pad.

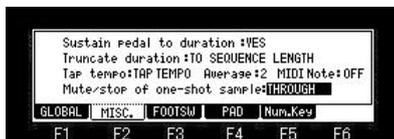
**Average field**

Please select the number of the taps used in order that you may calculate tempo by a tap tempo function.

**MIDI Note field**

Please set a note number, when you perform a tap tempo function by MIDI in note.

(The keyboard of a MIDI controller etc. can use a tap tempo function by setting)

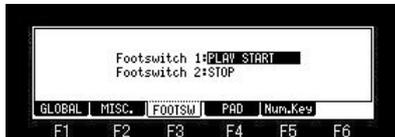


Mute/stop of one-shot sample field

During play of one-shot samples, it is the field which selects behavior when muted or [STOP] button is pressed.

THROUGH:	One shot samples are always played until sample end.
IMMEDIATE:	One shot samples are stopped immediately when pressing stop or muting the pad.

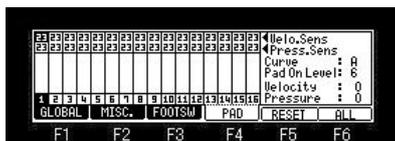
F3(FOOTSW)



It is the mode which assigns a function to a foot switch.

PLAY START:	It works the same as the PLAY START button.
PLAY:	It works the same as the PLAY button.
STOP:	It works the same as the STOP button.
OVER DUB:	It works the same as the OVER DUB button.
REC:	It works the same as the REC button.
PLAY/STOP:	When you step on the switch in stop mode, the MPC will start the playback. When you step on the switch in play mode, the MPC will stop the playback.
REC+PLAY:	It works as the same when you press the REC button and the PLAY button simultaneously
OVERDUB+PLAY:	It works as the same when you press the OVER DUB button and PLAY button simultaneously
REC/PUNCH:	When you step on the switch in stop mode, the MPC will start the playback, when you step on the switch in play mode, it starts recording, in recording mode, it starts playback.
OVERDUB/PUNCH:	When you step on the switch in stop mode, the MPC will start the playback, when you step on the switch in play mode, it starts overdubbing, in overdub mode, it starts playback.
TAP TEMPO:	It works the same as the TAP TEMPO button.
PAD1~PAD16:	The MPC will play the selected pad at the fixed velocity of 127
F1~F6:	They work the same as the function keys 1 through 6.
PAD BANK A~D:	They work the same as the PAD BANK buttons.
REPEAT:	It works the same as the NOTE REPEAT button.
ERASE:	It works the same as the ERASE button.
REC+START:	It works as the same when you press the REC button and the PLAY START button simultaneously
OVERDUB+START:	It works as the same when you press the OVER DUB button and the PLAY START button simultaneously
START/STOP:	MPC will begin playback from the start, when you step the switch in stop mode. When you step on the switch in play mode, the MPC will stop the playback.
TRACK +:	When you step a switch, it changes to the next track.
TRACK -:	When you step a switch, it changes to the back track.
SEQUENCE +:	If you step a switch, it will change to the next sequence. When you step on the switch in play mode, behavior of the next sequence will also be referred to.
SEQUENCE -:	If you step a switch, it will change to the back sequence. When you step on the switch in play mode, behavior of the next sequence will also be referred to.

F4(PAD)



It is the mode which adjusts the sensitivity of pads.

Please refer to "[Adjustment of Pads Sensitivity](#)".

F5(Num.Key)



It is a mode of customizing the NUMERIC button.

Please refer to "[Customize of MAIN and NUMERIC key](#)".

Voice monitor

- The number of the voices used now can be checked in F1 (GLOBAL) of OTHER.

[MODE]+PAD10

```
JJ OS2XL Ver.:1.44      Date:02-NOV-2010
      Master level: 1228
      Data Wheel Type: 1 2
Voice monitor: 000000000.00000000..... 22
                1          15          3e
GLOBAL  MISC.  FOOTSW  PAD  Num.Key
```

— The maximum number of the voice used during the play is displayed.

Looping recorder

It is the mode for live performance.

■ This mode can carry out loop playback of the performance which you recorded immediately. And an overdub can be carried out during loop playback.

If [MODE]+PAD11 is pressed, it will become looping recorder mode.

Notes

In a looping recorder mode, all are pronounced by a mono. (Use in a stereo cannot be performed)

The sample of a stereo is also pronounced by mono.

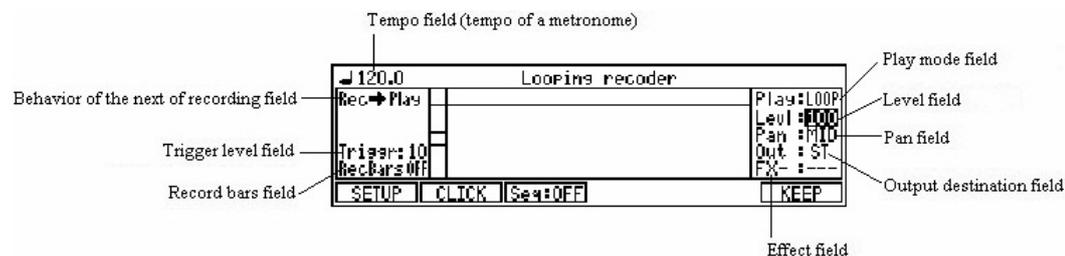
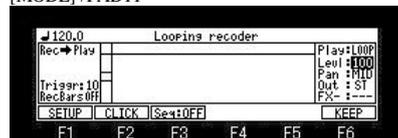
The time which can be recorded at one time is a maximum of 1 minute.

Moreover, in looping recorder mode, ON/OFF of the FULL LEVEL button and change of a value cannot be performed.

While playing back a sequence, please do not go to looping recorder mode from the main. (It may not work normally.)

While playing back a sequence, please do not go to main from the looping recorder mode. (It may not work normally.)

[MODE]+PAD11



Tempo field

The tempo of the metronome is set. (When not playing synchronizing with a sequence)

Behavior of the next of recording field

Please choose the behavior when changing from recording to the next mode automatically.

Behavior selected even when [REC] and the [OVER DUB] button were pressed during recording will be carried out.

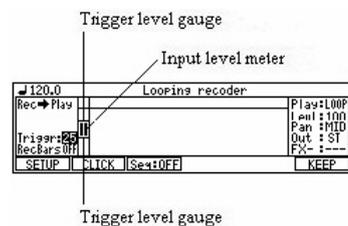
Play: It changes to playing.

Dub: It changes to overdubbing.

Trigger level field

Set an input level (trigger level).

Input levels at or above the value set here will cause recording to start.



Record bars field

Please set, when you decide and record the length of the bar recording beforehand. (a maximum of 16 bars)

It will change to playing automatically, after the recording of a last bar finishes, when "Play" is selected in the behavior of the next of recording field

It will change to overdubbing automatically, when "Rec→Dub" is selected.



Note: Only the [STOP] button will work until the recording of a last bar finishes, when the bar is being set and recorded.

Play mode field

LOOP: Loop playing/overdubbing is carried out.

ONE: It plays and stops only once.

REVS: Reverse loop playback is carried out. (Overdubbing cannot be carried out.)

Reverse playback will be carried out after playback to an end, when it switched during playback.

Level field

The level of the recorded sound is adjusted. (0-127)

Please adjust a recording level by the REC GAIN knob of MPC.

The recording level from a DIGITAL IN terminal cannot be adjusted.

Pan field

The value of a pan is set.

It works only in the recorded sound.

It does not work in a monitor's sound.

Output destination field

The output destination of the recorded sound is set.

Notes

The pads CLICK will always be outputted to ASSIGNABLE MIX OUT 4. (in the case of MPC1000)

The pads sound will always be outputted to ASSIGNABLE MIX OUT 8. (in the case of MPC2500)

Effect field

Please set, when you apply an effect.

FX1: The effect selected by FX1 is adapted.

FX2: The effect selected by FX2 is adapted.

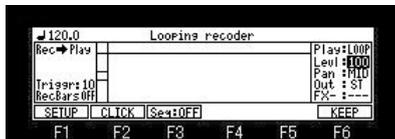
Note

Selection is possible only when ST is select in the Output destination field.

Moreover, the effect is applied only to the recorded sound.

An effect is not applied to a monitor's sound.

Initial setting



If F1 (SETUP) button is pressed, the window of "Setups" will open.



Input field

Please select the source of a signal.

ANALOG: The incoming signal from a RECORD IN terminal is used.

DIGITAL: The incoming signal from a DIGITAL IN terminal is used.

Mode field

MONO L+R: The incoming signal of the channel of the left and the right is used.

MONO L: Only the incoming signal of a left channel is used.

MONO R: Only the incoming signal of a right channel is used.

Use in a stereo cannot be performed.

Monitor field

ON: The sound from RECORD IN or DIGITAL IN is monitored.

OFF: The sound from RECORD IN or DIGITAL IN is not monitored.

Free field

The time which can be recorded is displayed. (It is not time that can be recorded once.)

The time in the looping recorder that can be recorded at a time is maximum of 1 minute.

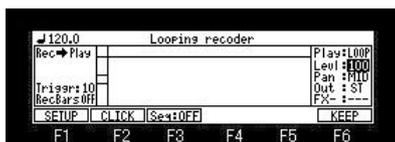
Foot1, 2 field

Please set, when you operate it using a foot switch.

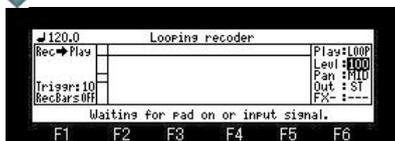
[Next page](#)

■ Operation method

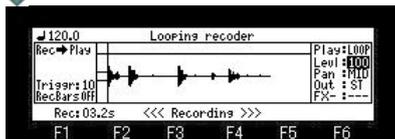
When operating it by the foot switch or a MIDI foot controller, it recommends assigning [OVER DUB] and the [PLAY] button.



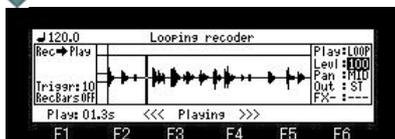
If the [REC] or [OVER DUB] button is pressed, it will be in the standby state of record.
(When Trigr is set to "0", recording is started immediately)



Recording will be started, if a pad is hit or a signal is inputted. (A performance of pads is also recorded)
As for the sound of the pad, the program chosen with the main screen will be used.



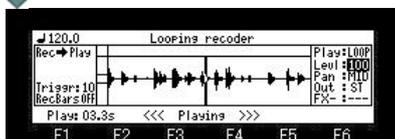
If the [REC] or [OVER DUB] button is pressed during recording, loop playback of the performance which stopped recording and was recorded now will be carried out.
(An overdubbing is carried out when "Rec: Dub" is selected)



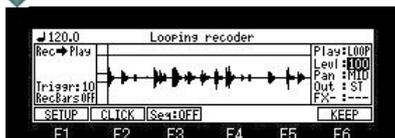
An overdubbing will be carried out if the [OVE DUB] button is pressed during loop playback.



If the [OVER DUB] button is pressed into during overdubbing, it will switch into the loop playback.



It will stop, if [PLAY] or the [STOP] button is pressed during an overdubbing or loop playback.



If the [OVER DUB] button is pressed in the state of a stop, it will be in the standby state for carrying out new recording.

Please press the [OVER DUB] button after pressing the [PLAY] button, when you want to carry out an overdubbing from the state of a stop.

If F6 (KEEP) button is pressed, the window of "Keep as sample" will open.



When you want to make the recorded performance into a sample and to keep it, please set a name and press F5 (KEEP) button.

If F2 (toPAD) button is pressed, it can keep as a sample and can assign to a pad.

Please press F2 (toPAD) button after choosing a pad to assign in the PAD field.

Even if selection of a pad hit the pad to assign, it can be chosen.

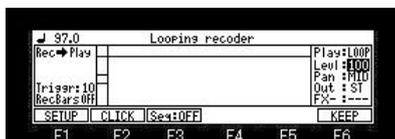
About an undo function

If the [UNDO] button is pressed, the performance data which carried out the overdubbing just before the stop can be deleted.

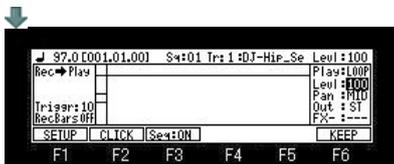
If the [UNDO] button is pressed again, deleted data will restore.

Note: The time which can be recorded at one time is a maximum of 1 minute.

■ Uses it synchronizing with the sequence.



If F3 (Seq: OFF) button is pushed and it is made "Seq: ON", it can use synchronizing with a sequence.



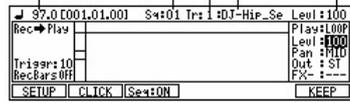
Tempo of sequence that has been selected

Sequence number that has been selected

Track number that has been selected

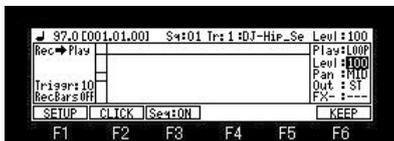
Program that has been selected

Sequence level

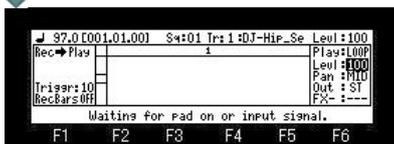


When using synchronizing with a sequence, even if "RecBars" is set to OFF, it is recorded per bar.
 Even if [OVER DUB] or the [STOP] button is pressed in an odd location, it is automatically adjusted per bar.
 For example, it becomes 2 bars when [OVER DUB] or the [STOP] button is pressed by 2 bars and 2 beats or less.
 It becomes 3 bars when [OVER DUB] or the [STOP] button is pressed by 2 bars and 3 beats or more.

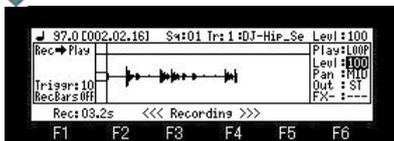
Playback and stop of a looping recorder are operated with the [PLAY] button.
 Playback and stop of a sequence are operated with the [PLAY START] button.
 The [STOP] button stops a sequence and a looping recorder.
 Please press the [PLAY] button, when you want to stop only a looping recorder while playing back a sequence and a looping recorder.
 When you want to stop only a sequence, please press the [PLAY START] button.



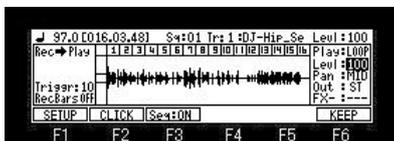
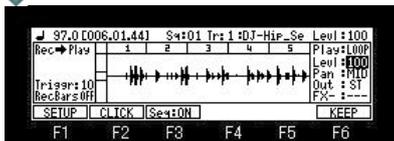
If the [REC] or [OVER DUB] button is pressed, it will be in the standby state of record.
 (When Trigr is set to "0", recording is started immediately)



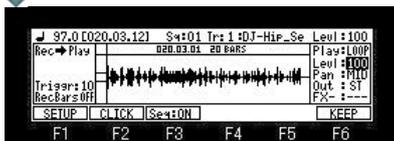
If a pad is hit or a signal is inputted, recording will be started and a sequence will also be started at the same time.
 (The sound of the sequence currently played is not recorded by the looping recorder)
 Please press the PLAY START button when you want to start only the sequence previously.



If [OVER DUB], [PLAY], or the [STOP] button is pressed, the bar of the length of the recorded bars will be displayed.



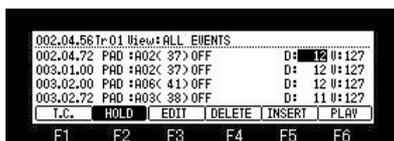
Even 16 bars will be displayed.
 When 17 or more bars are recorded, the number of bars is displayed on the bar field.



■ The value of FULL LEVEL can be adjusted.



If the FULL LEVEL button is pressed, the window of level will open.
Please set a value by a DATA wheel, holding the FULL LEVEL button.
If the FULL LEVEL button is released, a window will close.

■ HOLD was added to STEP EDIT.

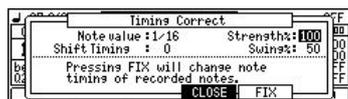
If F2 (HOLD) button is pressed, a screen will not scroll automatically during playback.
Therefore, a value can be changed during playback.

■ Timing Correct Strength%

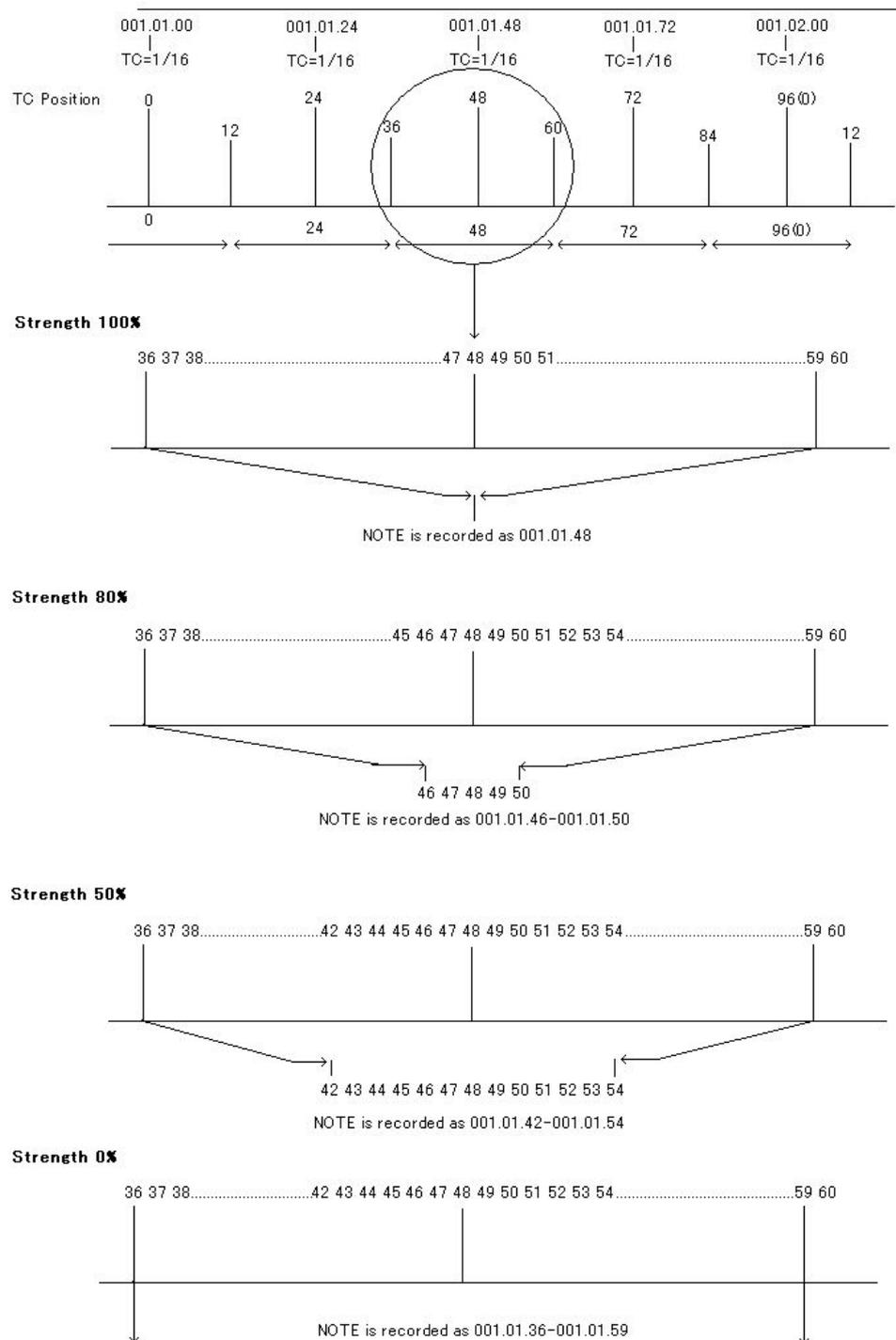
Strength controls how rigidly the track will be quantized.

In other words, a 0% setting will not quantize the track at all, whereas a 100% setting will cause every note to snap perfectly into position within the beat.

Settings closer to 0% will allow note timing to be more relaxed and true to the original performance, while settings closer to 100% will make the track more precise.

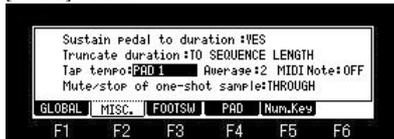


It is explained by the case of TC=1/16



Function of tap tempo is assigned to a pad

[MODE]+PAD10

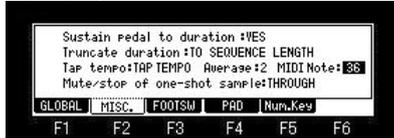


The function of tap tempo can be assigned to pads.

In the case of the above figure, tempo can be set by hit PAD1.

Tap tempo: OFF, TAP TEMPO, PAD1, PAD2, ..., PAD16

Tap tempo by MIDI IN NOTE



If a note number is chosen in the MIDI Note field, tap tempo can be performed by MIDI IN NOTE.
(When you want to set up tempo by a MIDI keyboard etc.)

■ Install of OS2XL

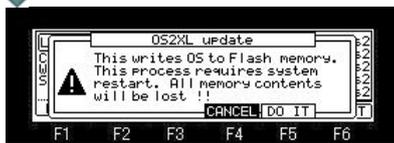
1. Please install Ver3.12 of the free version.
2. Please install OS2XL from the screen of load. (It is installable even from the screen of load of OS1 into which the password is entered.)

Note

OS2 is not installable from the screen of load of Ver3.12.

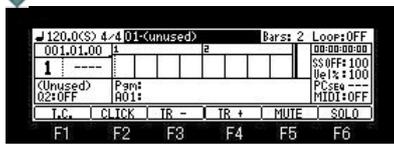


Please choose the file of OS2XL (more than Ver1.30) and press F6 (DO IT) button.



If F5 (DO IT) button is pressed, installation of OS2XL will start.

If a "Completed" window is displayed, please reswitch on a power supply.



If a power supply is turned on holding the [TAP TEMPO] button, OS2XL will start.

When installed from OS1, it is not necessary to hold the [TAP TEMPO] button.

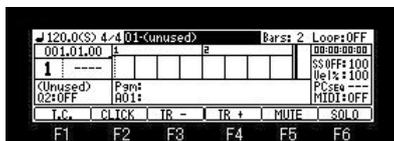
The screen of a save is not displayed if the password of OS2XL is not entered.

In order to obtain the screen of save, please purchase the password of OS2XL.

Even if a function except a save does not put in a password, it can be used altogether.

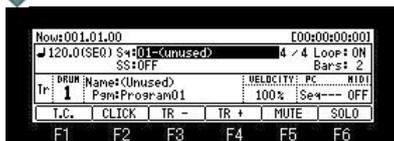
■ Switching of OS

OS can be changed if a power supply is turned on holding the [TAP TEMPO] button.



Power supply OFF

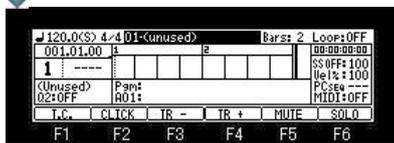
Please turn on a power supply, holding the [TAP TEMPO] button.



OS1 or Ver3.12 starts.

Power supply OFF

Please turn on a power supply, holding the [TAP TEMPO] button.



OS2XL starts.

Notes

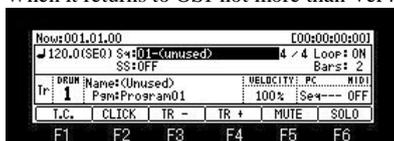
OS cannot be switching if it is not OS1 more than Ver4.99I.

Moreover, they cannot use, being able to switch OS2 and OS2XL.

In addition, if OS is switched, all the setup will be returned to a default value.

Therefore, it is necessary to adjust the sensitivity of a pad again.

When it returns to OS1 not more than Ver4.99H

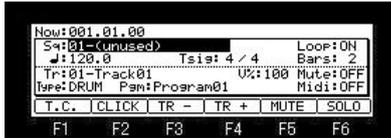


Even if it turns on a power supply, holding the [TAP TEMPO] button, OS2XL does not start.

In this case, in order to start OS2XL, it is necessary to update to Ver4.99I or more version.

After updating, if a power supply is turned on holding the [TAP TEMPO] button, OS2XL will start.

When it returns to AKAI OS



Even if it turns on a power supply, holding the [TAP TEMPO] button, OS2XL does not start.

In this case, in order to start OS2XL, it is necessary to update to Ver4.99I or more version.

After updating, if a power supply is turned on holding the [TAP TEMPO] button, OS2XL will start.

Note

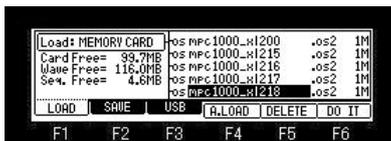
When it returns to OS1 or AKAI OS and saves to an internal memory, OS2XL does not start.

In this case, please install OS2XL again.

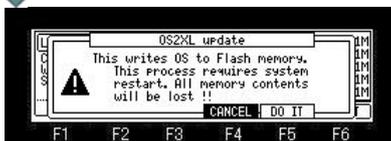
The password of OS2XL is not lost even if saved to an internal memory.

■ Update of OS2XL

Please perform update of OS2XL from the load screen of OS2XL.

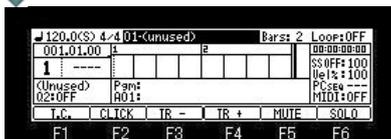


Please choose the OS2XL file of a high version and press F6(DO IT) button.



If F5 (DO IT) button is pressed, update of OS will start.

If a "Completed" window is displayed, please reswitch on a power supply.



OS2XL of a high version starts.