

AM8000R

AMBIENCE MULTI EFFECT PROCESSOR

Owner's Manual



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Precautions

Location

Using the unit in the following locations can result in a malfunction.

- In direct sunlight
- Locations of extreme temperature or humidity
- Excessively dusty or dirty locations
- Locations of excessive vibration

Power supply

Please connect the designated AC adaptor to an AC outlet of the correct voltage. Do not connect it to an AC outlet of voltage other than that for which your unit is intended.

Handling

To avoid breakage, do not apply excessive force to the switches or controls.

Care

If the exterior becomes dirty, wipe it with a clean, dry cloth. Do not use liquid cleaners such as benzene or thinner, or cleaning compounds or flammable polishes.

Keep this manual

After reading this manual, please keep it for later reference.

Keeping foreign matter out of your equipment

- Never set any container with liquid in it near this equipment. If liquid gets into the equipment, it could cause a breakdown, fire, or electrical shock.
- Be careful not to let metal objects get into the equipment. If something does slip into the equipment, unplug the AC adaptor from the wall outlet. Then contact your nearest Korg dealer or the store where the equipment was purchased.

CE mark for European Harmonized Standards

CE mark which is attached to our company's products of AC mains operated apparatus until December 31, 1996 means it conforms to EMC Directive (89/336/EEC) and CE mark Directive (93/68/EEC).

And, CE mark which is attached after January 1, 1997 means it conforms to EMC Directive (89/336/EEC), CE mark Directive (93/68/EEC) and Low Voltage Directive (73/23/EEC).

Also, CE mark which is attached to our company's products of Battery operated apparatus means it conforms to EMC Directive (89/336/EEC) and CE mark Directive (93/68/EEC).

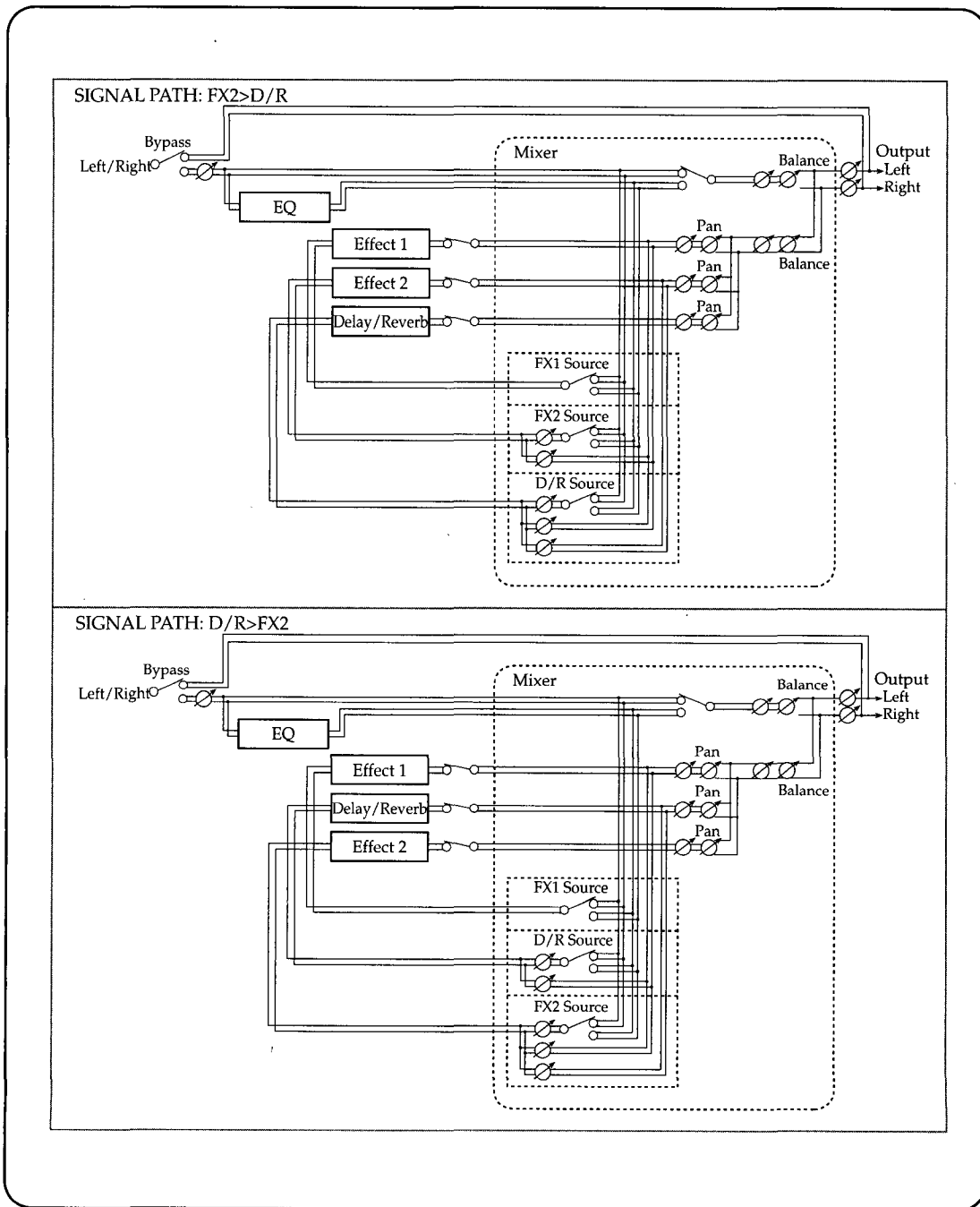
THE FCC REGULATION WARNING

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Unauthorized changes or modification to this system can void the user's authority to operate this equipment.

Thank you for purchasing the Korg AM8000R, ambience multi effect processor. Please read this Owner's Manual thoroughly to make the best use of this product for an extended period of time, and keep it in a safe place for future reference.



Controls and Functions

Front Panel

[Function] knob

Turning this knob allows you to select a mode, a Program Edit parameter, or a Utility parameter.
If you have selected a parameter that has sub-parameters, pressing this knob will cause the LCD to display one of the sub-parameters.
Press this knob to move between the layers for main parameters and sub-parameters. (SHIFT/EXIT function)

[VALUE] knob

Turning this knob allows you to select a Program or change the value of the selected parameter.
Pressing this knob allows you to write the Program Edit mode or Utility mode parameters. (ENTER function)

[FX1] key

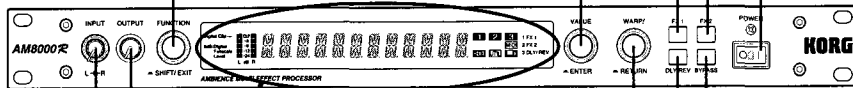
Pressing this key will toggle Effect 1 between ON and OFF. When Effect 1 is turned on, the [1] indicator on the right of the LCD lights up.

[FX2] key

Pressing this key will toggle Effect 2 between ON and OFF. When Effect 2 is turned on, the [2] indicator on the right of the LCD lights up.

Power switch

This switch turns the power to the unit on and off.



[INPUT] knob

This knob allows you to adjust the left and right input levels.

[OUTPUT] knob

This knob allows you to adjust the output levels.

[WARP!] knob

The AM8000R features a [WARP!] knob that can be assigned parameters for realtime control. (see page 9)
Turning this knob will temporarily change the value of the assigned parameter. (The Program selection will not be changed.)
How the value changes depends on what parameter has been assigned to the knob.
Pressing the knob will reset the changed parameter to the original value. (RETURN function)

[DLY/REVB] key

Pressing this key will toggle DELAY/REVERB between ON and OFF. When DELAY/REVERB is turned on, the [3] indicator on the right of the LCD lights up.

[BYPASS] key

Pressing this key will cause a dry sound (non-effect function) to be output (BYPASS function).
Press the key again to cancel the function.
When the power is turned off, the setting becomes BYPASS.



With the BYPASS function, the sound input at the INPUT jack will be output with the same volume level.
Adjust the level using the connected device.

Level meter

The level meter indicates the input level. The CLP (clip) indicator will light up if the input level is too high.

[2] (FX2)

This indicator lights up when Effect 2 is turned on. It flashes when an Effect 2 parameter is displayed.

[1] (FX1)

This indicator lights up when Effect 1 is turned on. It flashes when an Effect 1 parameter is displayed.

[3] (DLY/REVB)

This indicator lights up when DELAY/REVERB is turned on. It flashes when a DELAY/REVERB parameter is displayed.

[MIDI]

This indicator lights up when the unit receives MIDI messages.



Display

The display indicates Programs and various parameters.

[EDIT]

This indicator lights up in Program Edit mode.
It will flash to caution you if you try to change modes without writing the edited parameter value.

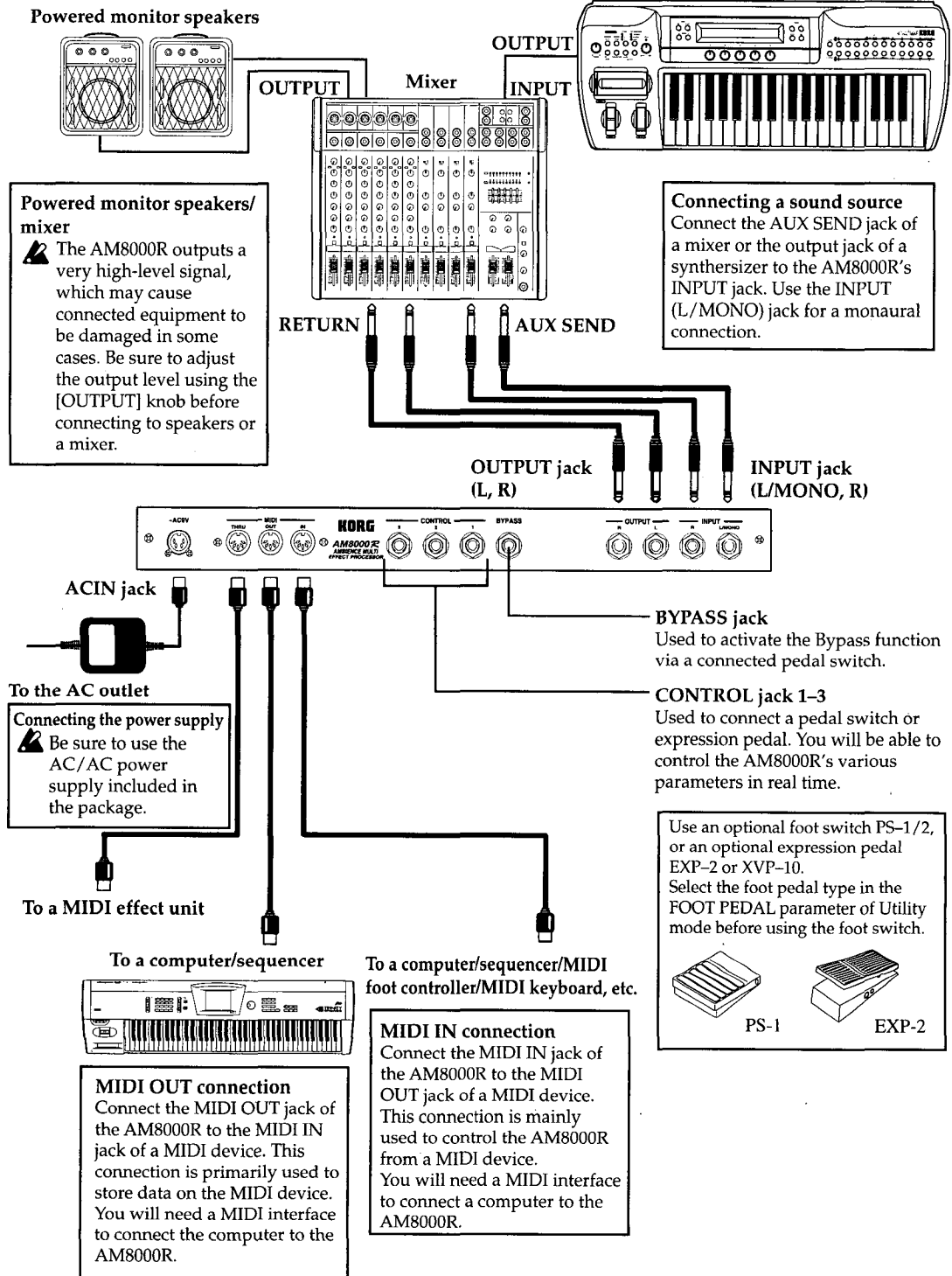
[] (SHIFT)

This indicator flashes if the main parameter displayed in Program Edit mode or Utility mode has a sub-parameter layer. It lights up when the sub-parameter is displayed.

[UTIL]

This indicator lights up in Utility mode.
It will flash to caution you if you try to change modes without writing the edited parameter value.

Rear Panel




Using the AM8000R

Basic Operation


① Powering up

After you make all connections (refer to "Rear Panel" on page 5), turn on the power switch. The AM8000R will enter Program Select mode and the display will indicate a Program.

 Be sure to lower the volume level of the connected devices before you turn the power on or off.

② Setting the input level

Input the sound from a connected device to the AM8000R, and use the [INPUT] knob to set the appropriate input level. If the level is too high, the CLP indicator on the left of the LCD will light up.

 The CLP indicator may light up, depending on the effect settings, even if the input level is not high. If that is the case, the signal inside the unit circuit is overflowing during digital processing. Lower the internal signal level using the level parameter (MIXER sub-parameter) in the Program Edit mode.

③ Setting the output level

Turn the [OUTPUT] knob to set an appropriate output level.

④ Selecting a Program

Turn the [VALUE] knob to select a Program.

* There are two methods to select a Program on the AM8000R: DIR (direct mode) (factory default) and 2STP (2-step mode).

In Direct mode, turn the [VALUE] knob in Program Select mode to select a Program.

In 2-step mode, select a Program in the same way as in Direct mode, then press the [VALUE] knob once to confirm the selection.

To change modes, go to the PROGRAM sub-parameter in the Utility mode and select PROGRAM MODE.

You may also select a Program by sending MIDI Program Change messages to the AM8000R.

Refer to the separate "Preset Program List" for the factory preset programs.

* When you turn on the power to the AM8000R, the display will indicate the Program number that has been selected for the WAKE UP parameter (PROGRAM sub-parameter) in Utility mode.



⑤ Selecting mode and parameter (Refer to the diagram below.)

When you turn the power on to the AM8000R, it automatically enters the Program Select mode. You can select a Program in this mode.

Turn the [FUNCTION] knob clockwise in Program Select mode to enter the Program Edit mode. The LCD will indicate the Program Edit main parameter, and the [EDIT] indicator will light up. In this mode, you can edit the Program parameters to set up the effect programs.

Turning the [FUNCTION] knob clockwise in the Program Edit mode will cause the AM8000R to enter the Utility mode. The LCD will indicate the Utility main parameter, and the [UTIL] indicator will light up.

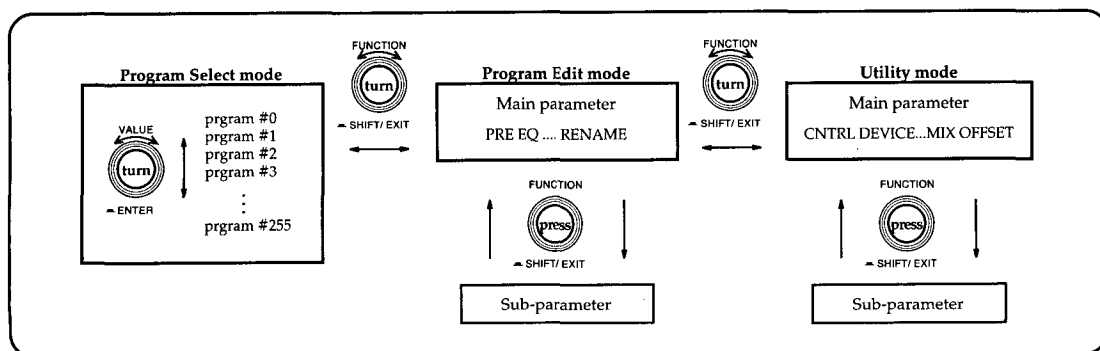
In this mode, you can make the basic settings for the AM8000R, including the transmission and reception of MIDI messages.

If the  indicator flashes while the LCD is indicating the main parameter, it means that the main parameter has a lower layer which contains detailed sub-parameters. Press the [FUNCTION] knob to switch to one of the sub-parameters. (The  indicator will light up when the LCD indicates the sub-parameter.)

* Either an abbreviated name appears or the full name scrolls on the display as the parameter name. (An abbreviated name is the factory default setting.)

To change modes, select DISPLAY in Utility mode, and press the [FUNCTION] knob to go down to the sub-parameter layer. Turn the [FUNCTION] knob to select ABBREV MODE, and use the [VALUE] knob to select 1 or 2. "1" is abbreviated mode, and "2" is scroll mode.

The ABBREV TIME parameter (DISPLAY sub-parameter) allows you to adjust the time required to switch to the abbreviated name display, and the scroll speed.




⑥ Operating the [WARP!] knob

All of the factory programs have parameters assigned to the [WARP!] knob for real time control.

⑦ Turning the effects on and off

Press the [FX1] key, [FX2] key, and [DLY/REV] key to turn on and off FX1, FX2, and DLY/REV respectively. The effects that are turned off will not output any sound.

When FX1, FX2, or DLY/REV is on, the [1] indicator, the [2] indicator, or the [3] indicator on the right of the display will light up respectively.

 You cannot store the effects on/off setting in the AM8000R.


When the display indicates a sub-parameter of the effect that is turned off in Program Edit mode, that effect will be automatically turned on.


⑧ Editing the parameter (see page 7)


You can change the parameter values of the selected Program to create a new effect program.

⑨ Writing (see page 8)

After you create a new effect program or change the Utility parameter, press the [VALUE] knob to store it.


 Pressing and holding down the [VALUE] knob for more than two seconds will cause the Compare (see page 9) function to activate, and the LCD will indicate "COMPARE."

 If you write a new Program, the data in the destination Program will be overwritten by the new Program data.

 All changes will be lost if you turn off the power without writing them to memory.

● Restoring the factory default settings

Select the PRESET parameter (MEMORY sub-parameter) of Utility mode, and press the [VALUE] knob.

 If you load the factory preset Programs, all existing Program data will be replaced by the factory preset data, and you will lose the current data forever. Store important data first to a MIDI data file.

Editing

You can edit the parameters in Program Edit mode to create a new effect program. You can also edit the basic Utility parameters, such as those for the Real Time Control function, according to your purposes.

① Turn the [FUNCTION] knob to select a parameter.

② Turn the [VALUE] knob to change the value. If the currently-displayed parameter value is different from its original value, a dot next to the parameter name will light up.

Main parameter and Sub-parameter

The Program Edit mode and the Utility mode have a **two-layer structure**, in which the main parameters are on top of the sub-parameters. To switch between these two layers, press the [FUNCTION] knob.

If the main parameter currently displayed has a sub-parameter, the [] indicator will flash. When the sub-parameter appears, the [] indicator will light up.

When any parameter for FX1 is selected, the [1] indicator on the right of the display flashes.

When any parameter for FX2 is selected, the [2] indicator on the right of the display flashes.

When any parameter for DLY/REV is selected, the [3] indicator on the right of the display flashes.

When you select a sub-parameter for an effect that is turned off, the effect will turn on automatically.

Renaming a Program

You can name a Program, using up to twelve characters.

- ① Turn the [FUNCTION] knob to select the **RENAME** parameter in Program Edit mode.
- ② Press the [FUNCTION] knob to enter the sub-parameter layer.
- ③ Turn the [FUNCTION] knob to select the character you wish to change.
- ④ Turn the [VALUE] knob to select a new character.

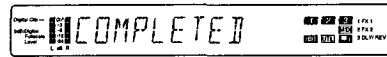
The following table shows 65 characters that can be selected. If you select a space, the LCD will indicate " ".

	"	#	\$	%	&	'	()
*	+	,	-	.	/	0	1 2 3
4	5	6	7	8	9	:	; < =
Δ	∇	□	⊠	⊡	⊢	⊣	⊤
H	I	J	K	L	M	N	O P Q
R	S	T	U	V	W	X	Y Z [
\]	^	_	`			

Press the [FUNCTION] knob again to cancel the write operation.

- ⚠ Pressing the [VALUE] knob for more than two seconds will display "COMPARE" and activate the Compare function (p. 9).
- ② Turn the [VALUE] knob to select the destination Program number.
You can select from 0 through 127. (Numbers 128 through 255 are used for the ROM area and are not available.)

- ③ Press the [VALUE] knob.
The Program will be written into the destination Program. When the Write operation is complete, the display will show "COMPLETED" as follows, then return to the previous indication.



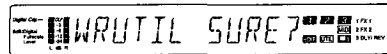
Writing the Utility parameters

If you have edited the value of the Utility parameter and you wish to store the edit, use the Write function. The [UTIL] indicator on the right of the LCD will flash if you try to switch to another mode without writing it.

Unlike the Write function in Program Edit mode, you cannot specify the destination or use the Compare function or the Write Protect function.

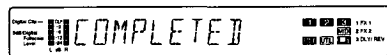
- ⚠ All changes will be lost if you turn off the power without writing them.

- ① Press the [VALUE] knob.
The LCD will indicate the following:



Press the [FUNCTION] knob to cancel the Write operation.

- ② Press the [VALUE] knob.
When the Write operation is complete, the LCD will indicate "COMPLETED" as follows, and return to the previous display.



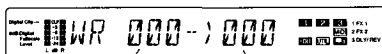
Writing

Writing a Program

Store important Programs you have created by changing the parameters in Program Edit mode. If you try to switch to another mode without writing the edits, the [EDIT] indicator will flash.

- ⚠ If you write a new Program, the data in the destination Program will be overwritten by the new Program data.
- ⚠ You cannot write data when the WRITE PROTECT parameter (MEMORY sub-parameter) in Utility mode is ON.

- ① Press the [VALUE] knob.
The LCD will indicate the current Program number and the destination Program number.



Current Program number

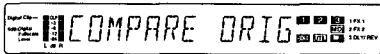
Destination Program number

Compare Function

Using the Compare function while editing the parameters in Program Edit mode will allow you to listen to and compare the sound before and after the edit.

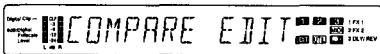
- ① Press and hold the [VALUE] knob for more than two seconds.

The Compare function will activate, and the LCD will display the following message:



The effect program will be applied with its original parameter settings.

- ② Press the [VALUE] knob to use the edited effect settings, and the LCD will indicate the following message:



- ③ Press the [VALUE] knob again to use the original effect settings, and the LCD will indicate "COMPARE ORIG" as shown in Step ①.

In this way, you can switch between the original and the edited parameter settings when you press the [VALUE] knob repeatedly.

To quit the Compare function, press the [FUNCTION] knob.

Real Time Control

You can assign parameters to the [WARP!] knob, the CONTROL jack 1–3, the connected foot pedal, MIDI messages, or other controllers to change their values. Operating the assigned controller during performance will cause the parameter settings to change and will allow you to add expression to the phrases you play.

- ⚡ After you make the settings for Utility mode or Program Edit mode, be sure to perform the Write function if you wish to save the settings. (page 8)

Control with the [WARP!] knob

All of the factory programs have parameters assigned to the [WARP!] knob for real time control.

On the AM8000R, you can set the parameter that is assigned to the [WARP!] knob for each individual Program.

For example, if you have selected SCHO/FLN (stereo chorus/flanger) as FX1 TYPE and set its MOD SRC (SCHO/FLN sub-parameter) to LFO, follow the procedure below to change the LFO speed from the current value to 16.0Hz by rotating the [WARP!] knob two complete turns:

<Setting the Utility mode>

- ① Turn the [FUNCTION] knob to select the CNTRL DEVICE parameter in Utility mode. The [UTIL] indicator will light up, indicating that the unit enters Utility mode. Also, the [] indicator will flash, indicating that the parameter has its sub-parameter.
 - a Rotate the [FUNCTION] knob to select one of CONTROLLER1–8. CONTROLLER1 is selected here as an example.
 - b Turn the [VALUE] knob to select the WARP! parameter. If you select a controller here, such as a pedal or a MIDI control change, you can change the LFO speed using such a controller.
- ③ Press the [FUNCTION] knob to go back to the main parameter layer.

<Setting the Program Edit mode>

- ④ Turn the [FUNCTION] knob counter-clockwise to select one of EXPRESSION1–8 in Program Edit mode.

The [EDIT] indicator will light up, and the [] indicator will flash.

Select EXPRESSION1 as an example.

- ⑤ Turn the [VALUE] knob to set this ON.
- ⑥ Press the [FUNCTION] knob to enter the sub-parameter layer.

- a Turn the [FUNCTION] knob one click clockwise to select EXP1 SOURCE.

- b Turn the [VALUE] knob to set the parameter for the controller that was selected in Step ②a.

Select CR1 here as an example.

- c Turn the [FUNCTION] knob one click counter-clockwise to select EXP1 TARGET, and turn the [VALUE] knob to select a parameter to control.

Select an LFO SPD parameter that displays a flashing [1] indicator.

- d Turn the [FUNCTION] knob two clicks clockwise to select EXP1 RANGE, and turn the [VALUE] knob to set the parameter to 16.0.

- e Turn the [FUNCTION] knob one click clockwise to select EXP1 POLARTY, and turn the [VALUE] knob to set the parameter to +.

If you set the knob to "+," rotating the [WARP!] knob clockwise will cause the value to approach the value specified in Step ⑥d.

If you set to "-", rotating the [WARP!] knob counter-clockwise will cause the value to approach the value specified in Step ⑥d.

- ⑦ Press the [FUNCTION] knob to go back to the main parameter layer.

- ⑧ Turn the [FUNCTION] knob clockwise to select WARP! RESLT, and turn the [VALUE] knob to set to "2."

The WARP! RESLT parameter is used to set the resolution of the [WARP!] knob, that is, how many times you need to rotate the [WARP!] knob to reach the value specified in Step ⑥d.

If you set the parameter to "2," the value of the target parameter (LFO SPD in this example) will change from the current value to 16.0Hz when you rotate the knob two complete turns.

<Operating the [WARP!] knob>

After you finish setting the WARP parameter, you can perform the following operations:

- Rotating the [WARP!] knob clockwise will gradually increase the LFO speed. When you rotate the [WARP!] knob clockwise twice, the RANGE 1 value (16.0Hz) will be reached. Rotating the [WARP!] knob counter-clockwise will gradually decrease the LFO speed. The parameter will change while you turn the WARP! RESL knob around twice. If the EXP1 POLARTY setting is "+," turning the knob clockwise will cause the value to increase up to the EXP1 RANGE value, and turning it counter-clockwise will cause the value to go back to the original value.
- Pressing the [WARP!] knob after you turned the knob will reset the parameter to its original value.

Control with a foot pedal or MIDI messages

You can control parameters by operating a foot pedal connected to the CONTROL jack 1–3, or by sending MIDI Control Change, MIDI Velocity, or other MIDI messages to the AM8000R.

For example, if you have selected S-WAH (stereo wah) as FX1 TYPE, follow the procedure below to change the MANUAL parameter (affected frequency range) from the current value to 99 with the reception of MIDI Control Change 1.

<Utility mode setting>

- ① Follow the steps ①–③ in the "Control with the [WARP!] knob" section. Select CC001 in Step ②b.

Select PEDAL 1–3 in Step ②b if you wish to control the parameter from a foot pedal connected to the CONTROL jack 1–3.

<Program Edit mode setting>

- ② Turn the [FUNCTION] knob counter-clockwise to select EXPRESSION1–8 in the Program Edit mode.

Select EXPRESSION1 here as an example.

- ③ Turn the [VALUE] knob to set this to ON.

- ④ Press the [FUNCTION] knob to switch to the sub-parameter layer.

- a Turn the [FUNCTION] knob one click clockwise to select EXP1 SOURCE, and turn the [VALUE] knob to set the controller you have selected in Step ①.

Select CR1 as an example.

- b Turn the [FUNCTION] knob one click counter-clockwise to select EXP1 TARGET, and turn the [VALUE] knob to select a parameter to change.

Select an MANUAL parameter that displays a flashing [1] indicator.

- c Turn the [FUNCTION] knob one click clockwise to select EXP1 RANGE, and turn the [VALUE] knob to set the parameter to 99.

- d Turn the [FUNCTION] knob two clicks clockwise to select EXP1 POLARTY, and turn the [VALUE] knob to set the direction of change.

With the + setting, the parameter setting will become the current value when the MIDI Control Change data byte is 0. As the MIDI Control Change byte increases, the setting approaches the value specified in Step ④c.

With the - setting, the parameter setting will become the current value when the MIDI Control Change data byte is 127 (=7F). As the MIDI Control Change byte decreases, the setting approaches the value specified in Step ④c.

④c.

Appendix

Parameter List

Program Edit mode

PRE EQ (PRE EQ)	[OFF, ON]
Turn this parameter on to use the pre-effect EQ.	
LOW GAIN (LO GAIN)	[-15...15dB]
Used to adjust the gain of the low-range equalizer.	
LOW FREQ (LO-FREQ)	[31.5Hz...1kHz]
Used to adjust the cut-off frequency of the low-range equalizer.	
MID GAIN (MID G)	[-15...15dB]
Used to adjust the gain of the mid-range equalizer.	
MID FC (MID FC)	[80Hz...8kHz]
Used to adjust the peak frequency of the mid-range equalizer.	
MID Q (MID Q)	[0.3...10]
Used to adjust the bandwidth of the mid-range equalizer.	
HIGH GAIN (HI GAIN)	[-15...15dB]
Used to adjust the gain of the high-range equalizer.	
HIGH FREQ (HI FREQ)	[1...16kHz]
Used to adjust the cut-off frequency of the high-range equalizer.	
EQ LEVEL (EQ LVL)	[-INF...6dB]
Used to correct the level that was amplified or attenuated by the equalizer.	
FX1 TYPE (F1)	[SCHO/FLN...S_DUCKER]
Used to select an effect from Effect 1. Sub-parameters differ depending on the selected effects.	
FX2 TYPE (F2)	[SCHO/FLN...S_DUCKER]
Used to select an effect from Effect 2. Sub-parameters differ depending on the selected effects. The "-" and "=" marks that appear on the both sides of the selected effect name indicate the type of effect input/output. (-: monaural input, =: stereo input). Some effects are assigned ENV (envelope) as a modulation source. To use an envelope, first adjust "ENVELOP SENS", a sub-parameter of the AUDIO CONTRL parameter in Utility mode.	

<FX1 TYPE/FX2 TYPE Sub-parameters>

Sub-parameters indicated on the display differ depending on the type of effect selected for FX1 TYPE or FX2 TYPE as follows:

■SCHO/FLN (Stereo Chorus/Flanger)

This is a Chorus/Flanger with stereo input and output.

DELAY TIME (DELAY)	[0.1...60ms]
Used to adjust the delay time.	
FEEDBACK (FEEDBACK)	[-99...99%]
Used to adjust the feedback amount.	
HIGH DAMP (HI DAMP)	[THRU...1kHz]
Used to adjust the high-range tone.	
LOW DAMP (LO DAMP)	[THRU...1kHz]
Used to adjust the low-range tone.	
MOD DEPTH (MOD DEPTH)	[0...99]
Used to adjust the modulation depth.	
MOD STEP (MOD STEP)	[OFF, 0.1...40.0Hz]
Used to adjust the frequency for a stepped modulation.	
MOD SMOOTH (MOD SMOOTH)	[1...9]
Used to adjust the smoothness of modulation.	
MOD SOURCE (MOD SRC)	[LFO, ENV]
Used to set the source that modulates the delay time.	
LFO SPEED (LFO SPD)	[0.01...16.0Hz]
Used to adjust the LFO frequency.	
LFO PHASE (LFO PHAS)	[0...180deg]
Used to adjust the difference between LFO's left and right phases.	
LFO TYPE (LFO TYPE)	[SIN, TRI, EXP, LOG]
Used to select the type of LFO.	

ENVLP PLRTY (ENV PLTY) [+ / +, - / -, + / -, - / +]
Used to set the polarity (direction) of the envelope. The sign on the right side of "/" indicates the right-side polarity, and the sign on the left side of "/" indicates the left-side polarity.

POLARITY (POLARITY) [+ , -]
Used to set the polarity of output.

■DCHO/FLN (Dual Chorus/Flanger)

This is a Chorus/Flanger with stereo input/output. You can set the parameters for both channels independently.

L DELAY TIME* (L DELAY)	[0.1...60ms]
Used to adjust the delay time.	
L FEEDBACK* (L FBCK)	[-99...99%]
Used to adjust the feedback amount.	
L HIGH DAMP* (L H-DMP)	[THRU...1kHz]
Used to adjust the high-range tone.	

* These parameters are set for left and right delay lines. The letter "L" before the parameter name means "left" parameter, and "R" means "Right" parameter.

L LOW DAMP* (L L-DMP)	[TURH...1kHz]	LFO TYPE (LFO TYPE)	[SIN, TRI, EXP, LOG]
Used to adjust the low-range tone.		Used to select the type of LFO.	
L MOD DEPTH* (L DEPTH)	[0...99]	ENVLP PLRTY (ENV PLRTY)	[+, -]
Used to adjust the modulation depth.		Used to set the polarity (direction) of the envelope.	
MOD STEP (MOD STEP)	[OFF, 0.1...40.0Hz]	INPUT SOURCE (SOURCE)	[L+R, Lch, Rch]
Used to adjust the frequency for a stepped modulation.		Used to select an input signal source.	
MOD SMOOTH (MOD SMOOTH)	[1...9]	■SMOD_DLY (Stereo Modulation Delay)	
Used to adjust the smoothness of modulation.		This is a Modulation Delay with stereo input/output.	
MOD SOURCE (MOD SRC)	[LFO, ENV]	DELAY TIME (DELAY)	[1...400ms]
Used to set the source that modulates the delay time.		Used to adjust the delay time.	
LFO SPEED (LFO SPD)	[0.01...16.0Hz]	FEEDBACK (FEEDBACK)	[0...99%]
Used to adjust the LFO frequency.		Used to adjust the feedback amount.	
LFO PHASE (LFO PHAS)	[0...180deg]	HIGH DAMP (HI DAMP)	[THRU...1kHz]
Used to adjust the difference between LFO's left and right phases.		Used to adjust the high-range tone in the feedback loop.	
LFO TYPE (LFO TYPE)	[SIN, TRI, EXP, LOG]	LOW DAMP (LO DAMP)	[THRU...1kHz]
Used to select the type of LFO.		Used to adjust the low-range tone in the feedback loop.	
ENVLP PLRTY (ENV PLTY)	[+/, -/-, +/+, -/+]	MOD DEPTH (MOD DEPTH)	[0...99]
Used to set the polarity (direction) of the envelope. The sign on the right side of "/" indicates the right-side polarity, and the sign on the left side of "/" indicates the left-side polarity.		Used to adjust the modulation depth.	
L POLARITY* (L POLARITY)	[+, -]	MOD STEP (MOD STEP)	[OFF, 0.1...40.0Hz]
Used to set the polarity of output.		Used to adjust the frequency for a stepped modulation.	
■MOD_DLY (Modulation Delay)		MOD SMOOTH (MOD SMOOTH)	[1...9]
This is Modulation Delay with monaural input/output.		Used to adjust the smoothness of modulation.	
DELAY TIME (DELAY)	[1...800ms]	MOD SOURCE (MOD SRC)	[LFO, ENV]
Used to adjust the delay time.		Used to set the source that modulates the delay time.	
FEEDBACK (FEEDBACK)	[0...99%]	LFO SPEED (LFO SPD)	[0.01...16.0Hz]
Used to adjust the feedback amount.		Used to adjust the LFO frequency.	
HIGH DAMP (HI DAMP)	[THRU...1kHz]	LFO PHASE (LFO PHAS)	[0...180deg]
Used to adjust the high-range tone in the feedback loop.		Used to adjust the difference between LFO's left and right phases.	
LOW DAMP (LO DAMP)	[THRU...1kHz]	LFO TYPE (LFO TYPE)	[SIN, TRI, EXP, LOG]
Used to adjust the low-range tone in the feedback loop.		Used to select the type of LFO.	
MOD DEPTH (MOD DEPTH)	[0...99]	ENVLP PLRTY (ENV PLTY)	[+/, -/-, +/+, -/+]
Used to adjust the modulation depth.		Used to set the polarity (direction) of the envelope. The sign on the right side of "/" indicates the right-side polarity, and the sign on the left side of "/" indicates the left-side polarity.	
MOD STEP (MOD STEP)	[OFF, 0.1...40.0Hz]	■DMOD_DLY (Dual Modulation Delay)	
Used to adjust the frequency for a stepped modulation.		This is a Modulation delay with stereo input/output. You can set the parameter for both channels independently.	
MOD SMOOTH (MOD SMOOTH)	[1...9]	L DELAY TIME* (L DELAY)	[1...400ms]
Used to adjust the smoothness of modulation.		Used to adjust the delay time.	
MOD SOURCE (MOD SRC)	[LFO, ENV]	L FEEDBACK* (L FBACK)	[0...99%]
Used to set the source that modulates the delay time.		Used to adjust the feedback amount.	
LFO SPEED (LFO SPD)	[0.01...16.0Hz]		
Used to adjust the LFO frequency.			

* These parameters are set for left and right delay lines. The letter "L" before the parameter name means "left" parameter, and "R" means "Right" parameter.

L HIGH DAMP* (L H-DMP)	[THRU...1kHz]	STAGE (STAGE)	[4, 8, 12, 16]
Used to adjust the high-range tone in the feedback loop.		Used to set the number of stages for Phase Shifter.	
L LOW DAMP * (L L-DMP)	[THRU...1kHz]	MANUAL (MANUAL)	[0...99]
Used to adjust the low-range tone in the feedback loop.		Used to adjust the frequency range of the applied effect.	
L MOD DEPTH* (L DEPTH)	[0...99]	RESONANCE (RESO)	[-99...99]
Used to adjust the modulation depth.		Used to adjust the amount of resonance.	
MOD STEP (MOD STEP)	[OFF, 0.1...40.0Hz]	MOD DEPTH (MOD DEPTH)	[0...99]
Used to adjust the frequency for a stepped modulation.		Used to adjust the modulation depth.	
MOD SMOOTH (MOD SMOOTH)	[1...9]	MOD STEP (MOD STEP)	[OFF, 0.1...40.0Hz]
Used to adjust the smoothness of modulation.		Used to adjust the frequency for a stepped modulation.	
MOD SOURCE (MOD SRC)	[LFO, ENV]	MOD SMOOTH (MOD SMOOTH)	[1...9]
Used to set the source that modulates the delay time.		Used to adjust the smoothness of modulation.	
LFO SPEED (LFO SPD)	[0.01...16.0Hz]	MOD SOURCE (MOD SRC)	[LFO, ENV]
Used to adjust the LFO frequency.		Used to set the source that modulates Manual.	
LFO PHASE (LFO PHAS)	[0...180deg]	LFO SPEED (LFO SPD)	[0.01...16.0Hz]
Used to adjust the difference between LFO's left and right phases.		Used to adjust the LFO frequency.	
LFO TYPE (LFO TYPE)	[SIN, TRI, EXP, LOG]	LFO TYPE (LFO TYPE)	[SIN, TRI, EXP, LOG]
Used to select the type of LFO.		Used to select the type of LFO.	
ENVLP PLRTY (ENV PLTY)	[+/, -/-, +/+, -/+]	ENVLP PLRTY (ENV PLRTY)	[+, -]
Used to set the polarity (direction) of the envelope.		Used to set the polarity (direction) of the envelope.	
The sign on the right side of "/" indicates the right-side polarity, and the sign on the left side of "/" indicates the left-side polarity.		INPUT SOURCE (SOURCE)	[L+R, Lch, Rch]
		Used to select an input signal source.	
■TAPE_DLY (Tape Delay)			
This is a tape delay simulator with monaural input and output.			
DELAY TIME (DELAY)	[1...800ms]	■S_PHASER (Stereo Phaser)	
Used to adjust the delay time.		This is a Phaser with stereo input/output.	
FEEDBACK (FEEDBACK)	[0...99%]	STAGE (STAGE)	[4, 8]
Used to adjust the feedback amount.		Used to set the number of stages for Phase Shifter.	
HIGH DAMP (HI DAMP)	[THRU...1kHz]	MANUAL (MANUAL)	[0...99]
Used to adjust the high-range tone.		Used to adjust the frequency range of the applied effect.	
LOW DAMP (LO DAMP)	[THRU...1kHz]	RESONANCE (RESO)	[-99...99]
Used to adjust the low-range tone.		Used to adjust the amount of resonance.	
SATURATE (SATURATE)	[1...12]	MOD DEPTH (MOD DEPTH)	[0...99]
Used to adjust the amount of saturation.		Used to adjust the modulation depth.	
FLUTTER (FLUTTER)	[0...99]	MOD STEP (MOD STEP)	[OFF, 0.1...40.0Hz]
Used to adjust the amount of flutter of the tape speed.		Used to adjust the frequency for a stepped modulation.	
S/N RATIO (S/N RATIO)	[96...48dB]	MOD SMOOTH (MOD SMOOTH)	[1...9]
Used to adjust the amount of noise.		Used to adjust the smoothness of modulation.	
INPUT SOURCE (SOURCE)	[L+R, Lch, Rch]	MOD SOURCE (MOD SRC)	[LFO, ENV]
Used to select an input signal source.		Used to set the source that modulates Manual.	
■PHASER (Phaser)			
This is a Phaser with monaural input/output.			
		LFO SPEED (LFO SPD)	[0.01...16.0Hz]
		Used to adjust the LFO frequency.	
		LFO PHASE (LFO PHAS)	[0...180deg]
		Used to adjust the difference between LFO's left and right phases.	
		LFO TYPE (LFO TYPE)	[SIN, TRI, EXP, LOG]
		Used to select the type of LFO.	

* These parameters are set for left and right delay lines. The letter "L" before the parameter name means "left" parameter, and "R" means "Right" parameter.

AM8000R

Preset Program List

The ROM area 128-255 contains the preset Programs. You cannot write data in this area.

The User area 0-127 contains the same preset Programs as the ROM area, but you can store your effect Programs in this area.

If you connect an instrument directly into the AM8000R, set the DIRECT OFFST parameter (a sub-parameter of MIX OFFSET) to -00.

Liste des Programms d'usine

Les mémoires mortes (128-255) contiennent les Programms d'usine. Il n'est pas possible d'y sauvegarder des données. La section utilisateur (0-127), par contre, contient des mémoires où vous pouvez sauvegarder vos propres réglages. A la livraison, ces mémoires contiennent les mêmes Programms que les mémoires mortes.

Si vous connectez un instrument au AM8000R directement, mettez le paramètre DIRECT OFFST (sous-paramètre de MIX OFFSET) sur -00.

Preset Program-Liste

Der ROM-Bereich 128-255 enthält die voreingestellten Programms. In diesen Bereich können Sie keine Daten schreiben. Der User-Bereich 0-127 enthält die gleichen voreingestellten Programms wie der ROM-Bereich, aber Sie können Ihre Effekt-Programms in diesem Bereich speichern.

Wenn Sie ein Instrument direkt an das AM8000R anschließen wollen, setzen Sie bitte das DIRECT OFFST-Parameter (ein Sub-Parameter von MIX-OFFSET) auf -00.

プリセット・プログラム・リスト

128~255はROMエリアで、プリセット・プログラムが収められています(このエリアへはライトできません)。

0~127はユーザー・エリアで、工場出荷時はROMエリアと同じプログラムが収められています。新たに作ったエフェクトは、ユーザー・エリアへライト(保存)してください。

ダイレクトインで本機を使用する場合は、UTILITYモードのDIRECT OFFST(MIX OFFSET)のサブ・パラメータを-00に設定してください。

128 MULTI-HEAD	144 <DELAY+VERB>	160 SNARE GATE	176 RES*FLANGER	192 DRIVEN HORN	208 ENVELOP TALK	224 AQUARIUM	240 GTR ROTARY
129 PHAT CHORUS	145 SNARE ROOM	161 SNARE DIRT	177 INVERTFLANGE	193 ROTARY W/REV	209 TALK MEN	225 TREMOLO Q	241 GTR ECHO
130 ENSEMBLE	146 PLATE REVERB	162 SNARE BALLS	178 ENV*FLANGER	194 PITCH SHIFT	210 TALK MEN2	226 RING DOPPLER	242 GTR PLATE
131 TREMOLO WORX	147 BRIGHT PLATE	163 OLD TAPE DLY	179 STEP FLANGER	195 DUAL DETUNE	211 WAH RHYTHM	227 CHO/DLY+REV	243 GTR HALL
132 DIRT FLANGER	148 WARM PLATE	164 TAPE MOD	180 VIBRO-MOD	196 OCTACHORUS	212 BASS SEQUENC	228 L-DLY/R-REV	244 LIVERPOOL GT
133 RETRO PHASER	149 VOCAL PLATE	165 DUAL ECHO	181 4STAGE PHAS	197 MINOR CHORD	213 ON THE AIR	229 CHO/DLY/REV	245 HARD DIST
134 <HORN ROTOR>	150 COMP PLATE	166 RETRO ECHO	182 16STAGE PHAS	198 OCTAVE 5TH	214 BUSY STREET	230 CHO=DLY=REV	246 FUZZ-)GATE
135 MULTI DELAY	151 REC PICH REV	167 STEREO RETRO	183 S/H*PHASER	199 MONO CHAIN	215 DIS-CHORD	231 CHORUS-ROOM	247 FUNKY WAH
136 HICUT FILTER	152 WARM HALL	168 BAND CHORUS	184 3 BAND EQ	200 ENSEMBLE DLY	216 FEED-FADE	232 CHORUS-PLATE	248 FILTER FUNK
137 AUTO WAH	153 CHAMBER HALL	169 CLEAN CHORUS	185 6 BAND EQ	201 STEREO DELAY	217 BEACH-RADIO	233 CHO-DLY-REV	249 BASS LIMITEQ
138 ROOM REVERB	154 AMBIENT HALL	170 LO/FI CHORUS	186 LOCUT FILTER	202 TEMPO DELAY	218 SONAR	234 FLG-DLY-REV	250 BASS AMBIENT
139 THE 'A' ROOM	155 AMBIMOD HALL	171 STEP CHORUS	187 BNDPASS FLTR	203 CROSS DELAY	219 MISTERIOSO	235 GTR DRIVE+EQ	251 BASS FILTER
140 CHAMBER ROOM	156 HIPHOP HIHAT	172 CHORUS+PAN	188 HIPHOPFILTER	204 L/C/R DELAY	220 BECKOLOGY	236 GTR CHORUS	252 ACID PIANO
141 DOUBLINGROOM	157 REC LIM REV	173 DIGI-PICHCHO	189 BRONX FILTER	205 TECHNO SEQ	221 WARP.PICH	237 GTR PHASE	253 WARM PAD
142 REC STUDIO A	158 SPRING ECHO	174 HI-SYMPHONIC	190 SATURATER	206 TECHNO REZO	222 STEP MOD	238 GTR VIBRATO	254 PIANO SOURCE
143 FATMOD ROOM	159 POWER GATE	175 SOFT TREMOLO	191 LOUDNESS	207 TECHNO PAD	223 X-MOD	239 GTR TREMOLO	255 SOFT BYPASS

- ENVLP PLRTY (ENV PLTY) [+/+, -/-, +/-, -/+]
Used to set the polarity (direction) of the envelope.
The sign on the right side of "/" indicates the right-side polarity, and the sign on the left side of "/" indicates the left-side polarity.
- **D_PHASER (Dual Phaser)**
This is a Phaser with stereo input/output. You can set the parameter for both channels independently.
- STAGE (STAGE) [4, 8]
Used to set the number of stages for Phase Shifter.
- L MANUAL* (L MANUAL) [0...99]
Used to adjust the frequency range of the applied effect.
- L RESONANCE* (L RESO) [-99...99]
Used to adjust the amount of resonance.
- L MOD DEPTH* (L DEPTH) [0...99]
Used to adjust the modulation depth.
- MOD STEP (MOD STEP) [OFF, 0.1...40.0Hz]
Used to adjust the frequency for a stepped modulation.
- MOD SMOOTH (MOD SMOOTH) [1...9]
Used to adjust the smoothness of modulation.
- MOD SOURCE (MOD SRC) [LFO, ENV]
Used to set the source that modulates Manual.
- LFO SPEED (LFO SPD) [0.01...16.0Hz]
Used to adjust the LFO frequency.
- LFO PHASE (LFO PHAS) [0...180deg]
Used to adjust the difference between LFO's left and right phases.
- LFO TYPE (LFO TYPE) [SIN, TRI, EXP, LOG]
Used to select the type of LFO.
- ENVLP PLRTY (ENV PLTY) [+/+, -/-, +/-, -/+]
Used to set the polarity (direction) of the envelope.
The sign on the right side of "/" indicates the right-side polarity, and the sign on the left side of "/" indicates the left-side polarity.
- **PITCH (Pitch Shifter)**
This effect changes the pitch of the input sound. (monaural input/output)
- PITCH (PITCH) [-2400...2400cent]
Used to adjust the pitch in 100[cent] steps.
- FINE (FINE) [-50...50cent]
Used to adjust the pitch in 1 [cent] steps.
- DELAY TIME (DELAY) [1...700ms]
Used to adjust the delay time.
- FEEDBACK (FEEDBACK) [0...99%]
Used to adjust the feedback amount.
- HIGH DAMP (HI DAMP) [THRU...1kHz]
Used to adjust the high-range tone in the feedback loop.
- TYPE (TYPE) [SLOW, FAST]
Used to select the type of Pitch Shifter.
- INPUT SOURCE (SOURCE) [L+R, Lch, Rch]
Used to select an input signal source.
- **ENSEMBLE (Ensemble)**
This ensemble effect has three internal chorus units. (monaural input, stereo output)
- SPEED (SPEED) [0.01...16Hz]
Used to adjust the modulation speed.
- DEPTH (DEPTH) [0...99]
Used to adjust the modulation depth.
- DELAY TIME (DELAY) [1...800ms]
Used to adjust the delay time.
- FEEDBACK (FEEDBACK) [-99...99%]
Used to adjust the feedback amount.
- HIGH DAMP (HI DAMP) [THRU...1kHz]
Used to adjust the high-range tone.
- LOW DAMP (LO DAMP) [THRU...1kHz]
Used to adjust the low-range tone.
- INPUT SOURCE (SOURCE) [L+R, Lch, Rch]
Used to select an input signal source.
- **DOPPLER (Doppler)**
This effect simulates Doppler effect. (monaural input, stereo output)
- SPEED (SPEED) [0.01...4Hz]
Used to adjust the panning speed.
- PITCH (PITCH) [0...99]
Used to adjust the amount of pitch variation due to panning.
- SPREAD (SPREAD) [-99...99]
Used to adjust the stereo spread of two microphones directed toward the sound image.
- DELAY TIME (DELAY) [1...680ms]
Used to adjust the delay time.
- INPUT SOURCE (SOURCE) [L+R, Lch, Rch]
Used to select an input signal source.
- **HORN (Horn Simulator)**
This effect simulates the horn (high-range) of a rotary speaker. (monaural input, stereo output)
- SPEED (SPEED) [SLOW, FAST]
Used to set the horn's rotation speed.
- SLOW SPEED (SLOW SPD) [0.0...16Hz]
Used to adjust the rotation speed when slow speed is selected.
- FAST SPEED (FAST SPD) [0.0...16Hz]
Used to adjust the rotation speed when fast speed is selected.

* These parameters are set for left and right delay lines. The letter "L" before the parameter name means "left" parameter, and "R" means "Right" parameter.

ACCELERATION (ACCEL)	[1...24]	FREQUENCY (FREQ)	[0...5kHz]
Used to adjust the time required to switch the rotation speed.		Used to adjust the frequency of the carrier (sine wave).	
MIC DISTANCE (DISTANCE)	[0...99]	LPF (LPF)	[THRU...1kHz]
Used to adjust the distance between the horn and the microphone.		Used to adjust the cut-off frequency of the Low Pass Filter applied to the input sound.	
MIC SPREAD (SPREAD)	[-99...99]	■D_RING (Dual Ring Modulator)	
Used to adjust the spread of two microphones directed toward the horn.		This Ring Modulator has stereo input and output. You can set the parameters for each channel independently.	
INPUT SOURCE (SOURCE)	[L+R, Lch, Rch]	L FREQUENCY* (L FREQ)	[0...5kHz]
Used to select an input signal source.		Used to adjust the frequency of the carrier (sine wave).	
■ROTOR (Rotor Simulator)		L LPF* (L LPF)	[THRU...1kHz]
This effect simulates the rotor (low-range) of a rotary speaker. (monaural input, stereo output)		Used to adjust the cut-off frequency of the Low Pass Filter applied to the input sound.	
SPEED (SPEED)	[SLOW, FAST]	■S_FILTER (Stereo Resonance Filter)	
Used to set the rotor's rotation speed.		This filter with resonance has stereo input and output. You can use this effect as a high-pass, low-pass, or band-pass filter.	
SLOW SPEED (SLOW SPD)	[0.0...16Hz]	TYPE (TYPE)	[LPF, BPF, HPF]
Used to adjust the rotation speed when slow speed is selected.		Used to set the type of filter.	
FAST SPEED (FAST SPD)	[0.0...16Hz]	FREQUENCY (FREQUENCY)	[0...99]
Used to adjust the rotation speed when fast speed is selected.		Used to adjust the filter's cut-off frequency.	
ACCELERATION (ACCEL)	[1...24]	RESONANCE (RESONANCE)	[0...99]
Used to adjust the time required to switch the rotation speed.		Used to adjust the filter's resonance amount.	
MIC DISTANCE (DISTANCE)	[0...99]	MOD DEPTH (MOD DEPTH)	[0...99]
Used to adjust the distance between the rotor and the microphone.		Used to adjust the modulation depth.	
MIC SPREAD (SPREAD)	[-99...99]	MOD STEP (MOD STEP)	[OFF, 0.1...40.0Hz]
Used to adjust the spread of two microphones directed toward the rotor.		Used to adjust the frequency for a stepped modulation.	
INPUT SOURCE (SOURCE)	[L+R, Lch, Rch]	MOD SMOOTH (MOD SMOOTH)	[1...9]
Used to select an input signal source.		Used to adjust the smoothness of modulation.	
■S_TREM (Stereo Tremolo)		MOD SOURCE (MOD SRC)	[LFO, ENV]
This effect simulates the tremolo of vintage amplifiers. (stereo input/output)		Used to set the source that modulates the cut-off frequency.	
SPEED (SPEED)	[0.01...16Hz]	LFO SPEED (LFO SPD)	[0.01...16.0Hz]
Used to adjust the tremolo speed.		Used to adjust the LFO frequency.	
DEPTH (DEPTH)	[0...99]	LFO PHASE (LFO PHAS)	[0...180deg]
Used to adjust the depth of the tremolo.		Used to adjust the difference between LFO's left and right phases.	
SPREAD (SPREAD)	[0...99]	LFO TYPE (LFO TYPE)	[SIN, TRI, EXP, LOG]
Used to adjust the stereo spread.		Used to select the type of LFO.	
DUTY (DUTY)	[10...90%]	ENVLP PLRTY (ENV PLTY)	[+/, -/+, +/-, -/+]
Used to adjust the duty of LFO.		Used to set the polarity (direction) of the envelope. The sign on the right side of "/" indicates the right-side polarity, and the sign on the left side of "/" indicates the left-side polarity.	
EDGE (EDGE)	[1...34]		
Used to adjust the edge of LFO.			
■S_RING (Stereo Ring Modulator)			
This effect applies a sine wave to the input sound to create a metallic sound. (stereo input/output)			

* These parameters are set for left and right delay lines. The letter "L" before the parameter name means "left" parameter, and "R" means "Right" parameter.

■D_FILTER (Dual Resonance Filter)

This filter has stereo input and output, with a resonance that can be set for both channels individually.

L TYPE* (L TYPE)	[LPF, BPF, HPF]
Used to set the type of filter.	
L FREQUENCY* (L FREQ)	[0...99]
Used to adjust the filter's cut-off frequency.	
L RESONANCE* (L RESO)	[0...99]
Used to adjust the filter's resonance amount.	
L MOD DEPTH* (L DEPTH)	[0...99]
Used to adjust the modulation depth.	
MOD STEP (MOD STEP)	[OFF, 0.1...40.0Hz]
Used to adjust the frequency for a stepped modulation.	
MOD SMOOTH (MOD SMOOTH)	[1...9]
Used to adjust the smoothness of modulation.	
MOD SOURCE (MOD SRC)	[LFO, ENV]
Used to set the source that modulates the cut-off frequency.	
LFO SPEED (LFO SPD)	[0.01...16.0Hz]
Used to adjust the LFO frequency.	
LFO PHASE (LFO PHAS)	[0...180deg]
Used to adjust the difference between LFO's left and right phases.	
LFO TYPE (LFO TYPE)	[SIN, TRI, EXP, LOG]
Used to select the type of LFO.	
ENVLP PLRTY (ENV PLTY)	[+/, -/, +/-, -/+]
Used to set the polarity (direction) of the envelope. The sign on the right side of "/" indicates the right-side polarity, and the sign on the left side of "/" indicates the left-side polarity.	

■S_WAH (Stereo Wah)

This effect simulates a vintage wah. (stereo input/output)
You can use this as an auto wah by controlling the parameters with the LFO or envelope.

MANUAL (MANUAL)	[0...99]
Used to adjust the frequency of the wah.	
BOTTOM RANGE (BTM RANGE)	[1...10]
Used to adjust the bottom frequency at which the wah closes.	
BOTTOM Q (BTM Q)	[1...10]
Used to adjust the peak frequency at which the wah closes.	
TOP RANGE (TOP RANGE)	[1...10]
Used to adjust the frequency at which the wah is open.	
TOP Q (TOP Q)	[1...10]
Used to adjust the peak frequency at which wah is open.	

CURVE (CURVE) [A, B, C]

Used to set the curve of the MANUAL parameter.

MOD DEPTH (MOD DEPTH) [0...99]

Used to adjust the modulation depth.

MOD STEP (MOD STEP) [OFF, 0.1...40.0Hz]

Used to adjust the frequency for a stepped modulation.

MOD SMOOTH (MOD SMOOTH) [1...9]

Used to adjust the smoothness of modulation.

MOD SOURCE (MOD SRC) [LFO, ENV]

Used to set the source that modulates Manual.

LFO SPEED (LFO SPD) [0.01...16.0Hz]

Used to adjust the LFO frequency.

LFO PHASE (LFO PHAS) [0...180deg]

Used to adjust the difference between LFO's left and right phases.

LFO TYPE (LFO TYPE) [SIN, TRI, EXP, LOG]

Used to select the type of LFO.

ENVLP PLRTY (ENV PLTY) [+/, -/, +/-, -/+]

Used to set the polarity (direction) of the envelope.
The sign on the right side of "/" indicates the right-side polarity, and the sign on the left side of "/" indicates the left-side polarity.

■TALK_MOD (Talking Modulator)

This effect simulates a Talking Modulator. (monaural input/output)

MANUAL (MANUAL) [0...99]

Used to control vowels.

BOTTOM VOWEL (B-VOWEL) [a, e, i, o, u]

Used to set the vowel when Manual is 0.

CENTER VOWEL (C-VOWEL) [a, e, i, o, u]

Used to set the vowel when Manual is 50.

TOP VOWEL (T-VOWEL) [a, e, i, o, u]

Used to set the vowel when Manual is 99.

MOD DEPTH (MOD DEPTH) [0...99]

Used to adjust the modulation depth.

MOD STEP (MOD STEP) [OFF, 0.1...40.0Hz]

Used to adjust the frequency for a stepped modulation.

MOD SMOOTH (MOD SMOOTH) [1...9]

Used to adjust the smoothness of modulation.

MOD SOURCE (MOD SRC) [LFO, ENV]

Used to set the source that modulates Manual.

LFO SPEED (LFO SPD) [0.01...16.0Hz]

Used to adjust the LFO frequency.

LFO TYPE (LFO TYPE) [SIN, TRI, EXP, LOG]

Used to select the type of LFO.

ENVLP PLRTY (ENV PLRTY) [+ , -]

Used to set the polarity (direction) of the envelope.

* These parameters are set for left and right delay lines. The letter "L" before the parameter name means "left" parameter, and "R" means "Right" parameter.

INPUT SOURCE (SOURCE) [L+R, Lch, Rch] Used to select an input signal source.	L/R LINK (LINK) [OFF...EQ_L+R] This causes the left and right channels to sync with the signal that has been set as L/R LINK.
<p>■SCMP/LIM (Stereo Compressor/Limiter) This Compressor/Limiter has stereo input/output, and compresses the sound above the threshold.</p> <p>THRESHOLD (THRESHLD) [-48...-1dB] Used to adjust the level of the sound at which compression is applied.</p> <p>RATIO (RATIO) [1/2...1/∞] Used to adjust the compression ratio.</p> <p>ATTACK (ATTACK) [0.02...90ms] Used to adjust the time required until the sound above the threshold begins to be compressed.</p> <p>RELEASE (RELEASE) [40...9000ms] Used to adjust the time required until compression is released.</p> <p>GAIN (GAIN) [0...24dB] Used to adjust the gain.</p> <p>L/R LINK (LINK) [OFF...EQ_L+R] This causes the left and right channels to sync with the signal that has been set as L/R LINK.</p>	<p>■D_GATE (Dual Gate) This gate has stereo input and output, and allows you to set parameters for each channel separately.</p> <p>L THRESHOLD* (L THRD) [-80...-1dB] Used to adjust the minimum level at which the signal passes.</p> <p>L ATTACK* (L ATCK) [0.1...4000ms] Used to adjust the time required until the gate opens.</p> <p>L RELEASE* (L RELS) [0.1...4000ms] Used to adjust the time required until the gate is closed.</p>
<p>■DCMP/LIM (Dual Compressor/Limiter) This Compressor/Limiter has stereo input/output, and allows you to set the parameters for each channel separately.</p> <p>L THRESHOLD* (L THRD) [-48...-1dB] Used to adjust the level of the sound at which compression begins to be applied.</p> <p>L RATIO* (L RATIO) [1/2...1/∞] Used to adjust the compression ratio.</p> <p>L ATTACK* (L ATCK) [0.02...90ms] Used to adjust the time required until the sound above the threshold begins to be compressed.</p> <p>L RELEASE* (L RELS) [40...9000ms] Used to adjust the time required until compression is released.</p> <p>L GAIN* (L GAIN) [0...24dB] Used to adjust the gain.</p>	<p>■ER (Early Reflection) This effect is the early reflection of reverberation. (monaural input/output)</p> <p>TYPE (TYPE) [ROOM, HALL, GATE, REVERS] Used to select the type of early reflection.</p> <p>PRE DELAY (PRE DLY) [0...300ms] Used to adjust the pre-delay time.</p> <p>ER TIME (ER TIME) [1...400ms] Used to adjust the early reflection time.</p> <p>HIGH CUT (HI CUT) [THRU...1kHz] Used to adjust the high-range tone.</p> <p>LOW CUT (LO CUT) [THRU...1kHz] Used to adjust the low-range tone.</p> <p>DENSITY (DENSITY) [0...99] Used to adjust the density of the early reflection.</p> <p>INPUT SOURCE (SOURCE) [L+R, Lch, Rch] Used to select an input signal source.</p>
<p>■S_GATE (Stereo Gate) This effect mutes the signal below the specified threshold. (stereo input/output)</p> <p>THRESHOLD (THRESHLD) [-80...-1dB] Used to adjust the minimum level at which the signal passes.</p> <p>ATTACK (ATTACK) [0.1...4000ms] Used to adjust the time required until the gate opens.</p> <p>RELEASE (RELEASE) [0.1...4000ms] Used to adjust the time required until the gate is closed.</p>	<p>■SATURATE (Saturater) This effect adds saturation to the sound (monaural input/output).</p> <p>GAIN (GAIN) [1...60] Used to adjust the gain.</p> <p>BOOST (BOOST) [OFF, ON] Set this to ON to boost the gain.</p> <p>LEVEL (LEVEL) [1...60] Used to adjust the output level.</p> <p>BASS (BASS) [-15...15dB] Used to adjust the bass.</p> <p>MID GAIN (MID G) [-15...15dB] Used to adjust the MID EQ gain.</p> <p>MID FC (MID FC) [80Hz...8kHz] Used to adjust the MID EQ frequency.</p> <p>MID Q (MID Q) [0.3...10] Used to adjust the bandwidth of the MID EQ.</p>

* These parameters are set for left and right delay lines. The letter "L" before the parameter name means "left" parameter, and "R" means "Right" parameter.

TREBLE (TREBLE) [-15...15dB]
Used to adjust the treble.

INPUT SOURCE (SOURCE) [L+R, Lch, Rch]
Used to select an input signal source.

■S_3BEQ (Stereo 3 Band EQ)

This is a three-band EQ with stereo input/output.

BAND 1 GAIN (B1 GAIN) [-15...15dB]
Used to adjust the gain for BAND1.

BAND 1 FREQ (B1 FREQ) [80Hz...8kHz]
Used to set the cut-off frequency for BAND1.

BAND 1 Q (B1 Q) [0.3...10]
Used to adjust the bandwidth of BAND1.

BAND 2 GAIN (B2 GAIN) [-15...15dB]
Used to adjust the gain for BAND2.

BAND 2 FREQ (B2 FRBAND) [80Hz...8kHz]
Used to set the cut-off frequency for BAND2.

BAND 2 Q (B2 Q) [0.3...10]
Used to adjust the bandwidth of BAND2.

BAND 3 GAIN (B3 GAIN) [-15...15dB]
Used to adjust the gain for BAND3.

BAND 3 FREQ (B3 FREQ) [80Hz...8kHz]
Used to set the cut-off frequency for BAND3.

BAND 3 Q (B3 Q) [0.3...10]
Used to adjust the bandwidth of BAND3.

EQ LEVEL (EQ LVL) [-24...6dB]
Used to correct the level that was boosted or attenuated by the EQ.

■S_DUCKER (Stereo Ducker)

This effect is connected after a delay or reverb to achieve the ducking effect (stereo input/output).

SENSITIVITY (SENS) [0...99]
Used to adjust the sensitivity of the Ducker.

ATTACK (ATTACK) [0.1...4000ms]
Used to adjust the time taken until ducking starts.

RELEASE (RELEASE) [0.1...4000ms]
Used to adjust the time taken until ducking is released.

L/R LINK (LINK) [OFF...EQ_L+R]
This causes the left and right channels to sync with the signal that has been set as L/R LINK.

D/R TYPE (DR) [LONG_DLY...PLATE]

Used to select the type of Delay/Reverb.
Sub-parameters differ depending on the selected effect.

<DLY/REV sub-parameter>

Sub-parameters indicated on the display differ depending on the type of effect selected for D/R TYPE.

■LONG_DLY (Long Delay)

This delay has monaural input and output, and allows you to set the longest delay time.

DELAY TIME (DELAY) [1...1023ms]
Used to adjust the delay time.

FEEDBACK (FEEDBACK) [0...99%]
Used to adjust the feedback amount.

HIGH DAMP (HI DAMP) [THRU...1kHz]
Used to adjust the high-range tone in the feedback loop.

LOW DAMP (LO DAMP) [THRU...1kHz]
Used to adjust the low-range tone in the feedback loop.

INPUT SOURCE (SOURCE) [L+R, Lch, Rch]
Used to select an input signal source.

■TMP_DLY (Tempo Delay)

This Delay has monaural input and output, and allows you to set the delay time using a combination of a tempo and notes.

TEMPO (TEMPO) [60...208bpm]
Used to set the tempo in BPM (beats per minute).

FACTOR (FACTOR) [1/4...1]
Used to set the length of the delay time in relation to the tempo.

FEEDBACK (FEEDBACK) [0...99%]
Used to adjust the feedback amount.

HIGH DAMP (HI DAMP) [THRU...1kHz]
Used to adjust the high-range tone in the feedback loop.

LOW DAMP (LO DAMP) [THRU...1kHz]
Used to adjust the low-range tone in the feedback loop.

INPUT SOURCE (SOURCE) [L+R, Lch, Rch]
Used to select an input signal source.

■S_DELAY (Stereo Delay)

This delay has stereo input and output.

DELAY TIME (DELAY) [1...511ms]
Used to adjust the delay time.

FEEDBACK (FEEDBACK) [0...99%]
Used to adjust the feedback amount.

HIGH DAMP (HI DAMP) [THRU...1kHz]
Used to adjust the high-range tone in the feedback loop.

LOW DAMP (LO DAMP) [THRU...1kHz]
Used to adjust the low-range tone in the feedback loop.

■D_DELAY (Dual Delay)

This delay has stereo input and output, and allows you to set parameters for each channel separately.

L DELAY TIME* (L DELAY) [1...511ms]
Used to adjust the delay time.

L FEEDBACK* (L FBACK) [0...99%]
Used to adjust the feedback amount.

L HIGH DAMP* (L H-DMP) [THRU...1kHz]
Used to adjust the high-range tone in the feedback loop.

L LOW DAMP* (L L-DMP) [THRU...1kHz]
Used to adjust the low-range tone in the feedback loop.

■X_DELAY (Cross Delay)

This special delay with stereo input/output crosses the feedback from each channel's delay.

L DELAY TIME* (L DELAY) [1...511ms]
Used to adjust the delay time.

FEEDBACK (FEEDBACK) [0...99%]
Used to adjust the feedback amount.

HIGH DAMP (HI DAMP) [THRU...1kHz]
Used to adjust the high-range tone in the feedback loop.

LOW DAMP (LO DAMP) [THRU...1kHz]
Used to adjust the low-range tone in the feedback loop.

■LCR_DLY (L/C/R Delay)

This multitap delay has monaural input and stereo output, and positions three channel output taps to left, right, and center.

L DELAY TIME (L DELAY) [1...1023ms]

R DELAY TIME (R DELAY) [1...1023ms]

C DELAY TIME (C DELAY) [1...1023ms]
Used to adjust the delay time.

FEEDBACK (FEEDBACK) [0...99%]
Used to adjust the feedback amount of Center (C) tap.

HIGH DAMP (HI DAMP) [THRU...1kHz]
Used to adjust the high-range tone in the feedback loop.

LOW DAMP (LO DAMP) [THRU...1kHz]
Used to adjust the low-range tone in the feedback loop.

INPUT SOURCE (SOURCE) [L+R, Lch, Rch]
Used to select an input signal source.

■MT_DELAY (Multi Tap Delay)

This multi-tap delay has monaural input and stereo output, and allows you to set six output taps separately.

DELAY TIME 1...6 (DELAY 1...6) [1...1023ms]
Used to adjust the delay time.

FEEDBACK (FEEDBACK) [0...99%]
Used to adjust the feedback amount from Tap 6.

HIGH DAMP (HI DAMP) [THRU...1kHz]
Used to adjust the high-range tone in the feedback loop.

LOW DAMP (LO DAMP) [THRU...1kHz]
Used to adjust the low-range tone in the feedback loop.

LEVEL 1...6 (LEVEL 1...6) [-INF...0dB]
Used to adjust the level of each tap.

PAN 1...6 (PAN 1...6) [L15...R15]
Used to adjust the pan position of each tap.

INPUT SOURCE (SOURCE) [L+R, Lch, Rch]
Used to select an input signal source.

■D_MTDLY (Dual Multi Tap Delay)

This multitap delay has stereo input/output, and allows you to set three output taps for each of the left and right channels individually.

L DELAY 1...3* (L DLY 1...3) [1...511ms]
Used to adjust the delay time.

L FEEDBACK* (L FBACK) [0...99%]
Used to adjust the feedback amount from Tap 3.

L HIGH DAMP* (L H-DMP) [THRU...1kHz]
Used to adjust the high-range tone in the feedback loop.

L LOW DAMP* (L L-DMP) [THRU...1kHz]
Used to adjust the low-range tone in the feedback loop.

L LEVEL 1...3* (L LVL 1...3) [-INF...0dB]
Used to adjust the level of each tap.

L PAN 1...3* (L PAN 1...3) [L15...R15]
Used to adjust the pan position of each tap.

■ROOM (Room Reverb)

This reverb has monaural input and stereo output, and simulates the reverberation in a room.

PRE DELAY (PRE DLY) [0...300ms]
Used to adjust the pre-delay time.

REV TIME (RV TIME) [0.1...5.2s]
Used to adjust the reverb time.

HIGH DAMP (HI DAMP) [THRU...1kHz]
Used to adjust the high-range tone.

LOW CUT (LO CUT) [THRU...1kHz]
Used to adjust the low-range tone.

DENSITY (DENSITY) [0...99]
Used to adjust the reverberation density.

DIFFUSION (DIFFUSION) [0...99]
Used to adjust the diffusion of reverb sound.

* These parameters are set for left and right delay lines. The letter "L" before the parameter name means "left" parameter, and "R" means "Right" parameter.

INPUT SOURCE (SOURCE) [L+R, Lch, Rch]	FX1>FX2 (FX1>FX2) [-INF...0dB]
Used to select an input signal source.	Used to set the output amount from Effect 1 that is sent to Effect 2.
■HALL (Hall Reverb)	D/R>FX2 (D/R>FX2) [-INF...0dB]
This reverbation has monaural input and stereo output, and simulates the reverberation in a hall.	This parameter is available when "D/R>FX2" is selected for SIGNAL PATH.
PRE DELAY (PRE DLY) [0...300ms]	Used to set the output amount from the DELAY/REVERB effect that is sent to Effect 2.
Used to adjust the pre-delay time.	DIRECT PATH (DIR) [PRE_EQ, POST_EQ]
REV TIME (RV TIME) [0.26...16s]	Used to set the routing for the direct sound.
Used to adjust the reverb time.	With the PRE_EQ setting, the input sound will be sent directly to Effect 2.
HIGH DAMP (HI DAMP) [THRU...1kHz]	With the POST_EQ setting, the input sound will be processed by the EQ, then sent to Effect 2.
Used to adjust the high-range tone.	D/R SOURCE (D/R SOURCE)
LOW CUT (LO CUT) [THRU...1kHz]	Used to select a signal sent to Delay/Reverb.
Used to adjust the low-range tone.	DIR>D/R (DIR>D/R) [-INF...0dB]
DENSITY (DENSITY) [0...99]	Used to set the amount of direct sound sent to the Delay/Reverb effect.
Used to adjust the reverberation density.	FX1>D/R (FX1>D/R) [-INF...0dB]
DIFFUSION (DIFFUSION) [0...99]	Used to set the output amount from Effect 1 that is sent to the delay/reverb effect.
Used to adjust the diffusion of reverb sound.	FX2>D/R (FX2>D/R) [-INF...0dB]
INPUT SOURCE (SOURCE) [L+R, Lch, Rch]	This parameter is available only when you have selected FX2>D/R for the SIGNAL PATH parameter.
Used to select an input signal source.	Used to set the output amount from Effect 2 that is sent to the delay/reverb effect.
■PLATE (Plate Reverb)	DIRECT PATH (DIR) [PRE_EQ, POST_EQ]
This reverb with monaural input and stereo output simulates plate reverberation.	Used to set the routing for the direct sound.
PRE DELAY (PRE DLY) [0...300ms]	With the PRE_EQ setting, the input sound will sent directly to Delay/Reverb.
Used to adjust the pre-delay time.	With the POST_EQ setting, the input sound will be processed by the EQ, then sent to Delay/Reverb.
REV TIME (RV TIME) [0.26...16s]	SIGNAL PATH (PATH) [FX2>D/R, D/R>FX2]
Used to adjust the reverb time.	Allows you to select the routing between FX2 and D/R.
HIGH DAMP (HI DAMP) [THRU...1kHz]	Refer to the diagram at the beginning of this manual.
Used to adjust the high-range tone.	MIXER (MIXER)
LOW CUT (LO CUT) [THRU...1kHz]	Used to mix the output signal.
Used to adjust the low-range tone.	FX1 LVL (FX1 LEVEL) [-INF...0dB]
DENSITY (DENSITY) [0...99]	FX2 LVL (FX2 LEVEL) [-INF...0dB]
Used to adjust the reverberation density.	D/R LVL (D/R LEVEL) [-INF...0dB]
DIFFUSION (DIFFUSION) [0...99]	Used to adjust the output level of each effect sound.
Used to adjust the diffusion of reverb sound.	WET LEVEL (WET LVL) [-INF...0dB]
INPUT SOURCE (SOURCE) [L+R, Lch, Rch]	Used to adjust the output level of the overall effect sound.
Used to select an input signal source.	DIRECT LEVEL (DIR LVL) [-INF...0dB]
FX1 SOURCE (FX1 SOURCE)	Used to adjust the output level of the direct sound.
Used to select a signal sent to Effect 1.	FX1 PAN (FX1 PAN) [L15...R15]
DIRECT PATH (DIR) [PRE_EQ, POST_EQ]	FX2 PAN (FX2 PAN) [L15...R15]
Used to set the routing for the direct sound.	D/R PAN (D/R PAN) [L15...R15]
With the PRE_EQ setting, the input sound will be sent directly to Effect 1.	Used to adjust the stereo image and left and right output balance of each effect sound.
With the POST_EQ setting, the input sound will be processed by the EQ, then sent to Effect 1.	
FX2 SOURCE (FX2 SOURCE)	
Used to select a signal sent to Effect 2.	
DIR>FX2 (DIR>FX2) [-INF...0dB]	
Used to set the amount of direct sound sent to Effect 2.	

WET L/R BAL (WET BAL) [L15...R15]
Used to adjust the left and right output balance of the overall effect sound.

DIR L/R BAL (DIR BAL) [L15...R15]
Used to adjust the left and right output balance of the direct sound.

WET SPREAD (SPREAD) [0...30]
Used to adjust the stereo spread of the overall effect sound.

DIRECT PATH (DIR) [PRE_EQ, POST_EQ]
Used to set the routing for the direct sound.
With the PRE_EQ setting, the input sound will be output as it is.
With the POST_EQ setting, the input sound will be processed by the EQ before being output.

EXPRESSION 1...8 (EXP1...8) [OFF, ON]
When this is ON, you can control the parameters in real time using the Controller.

EXP1...8 TARGET (TG1...8) [According to the Effect type setting]
Used to assign the parameter to control with EXP1-8.
If the FX1, FX2, or DLY/REV parameter is displayed, [1], [2], or [3] will flash respectively.

EXP1...8 SOURCE (SRC1...8) [CR1...CR8]
Used to select a source to control from Controllers 1-8.

EXP1...8 RANGE (RANGE1...8) [According to the TG1-8 setting]
Used to set the parameter value when the controller has the maximum (minimum) value.

EXP1...8 POLARTY (POLARITY1...8) [+ , -]
Used to set the polarity (direction) of the controller.

WARP! RESLT (WARP) [0...20]
Used to set the resolution of the [WARP!] knob.

RENAME (RENAME)
Used to name the Program.
Use the [FUNCTION] knob to specify the position of the character, and select a letter using the [VALUE] knob.

Utility mode

CNTRL DEVICE (CNTRL DEVICE)
These parameters are used to assign the control devices to Controller 1-8.

CONTROLLER1...8 (CR1...8) [WARP!, PEDAL1...3, CC0...120, A.TOUCH, P.BEND, VELOCITY, NOTE_NUM]
Allows you to assign the control device, such as the [WARP!] knob, foot pedal connected to the control jack, and MIDI Control Change messages as a controller.

CONTROL INIT (CTL INIT) [ENA, DIS]
Selecting ENA (Enable) will cause the controller to be initialized when the Program is changed.

MIDI (MIDI)

This parameter group allows you to set the MIDI-related parameters.

MIDI CHANNEL (MIDI CH) [1...16]
Used to set the MIDI channel.

PROG CHANGE (PROG CHG) [ENA, DIS]
Select ENA (Enable) to transmit/receive the MIDI Program Change messages.

CTRL CHANGE (CTRL CHG) [ENA, DIS]
Select ENA (Enable) to transmit/receive the MIDI Control Change messages.

EXCLUSIVE (EXCLUSIV) [ENA, DIS]
Select ENA (Enable) to transmit/receive the MIDI Exclusive data.

DUMP CURRENT (CURNT [DUMP])
Selecting this parameter and pressing the [VALUE] knob will cause the current Program to be transmitted as Exclusive data.

DUMP ALL (ALL [DUMP])
Selecting this parameter and pressing the [VALUE] knob will cause all the Programs to be transmitted as Exclusive data.

FX1 (FX1) [CC0...120]
FX2 (FX2) [CC0...120]
DLY/REV (DLY/REV) [CC0...120]
BYPASS (BYPASS) [CC0...120]

Allows you to assign MIDI Control Change numbers to the [FX1] key, [FX2] key, [DLY/REV] key, and [BYPASS] key on the front panel.

When the AM8000R receives the MIDI Control Change number assigned here, it will respond in the same way as when you press the corresponding key on the panel.

Pressing any key listed above will cause the AM8000R to transmit the assigned MIDI Control Change number.

PROGRAM (PROGRAM)

These parameters are the settings related to the Program Change message.

PROGCHG MODE (PC MODE) [DIR, 2STP]
Used to set the method of Program selection.

With the **DIR** setting, the Program selection will be confirmed when you turn the [VALUE] knob to select the Program.

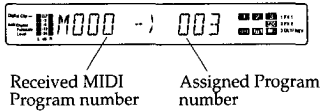
With the **2STP** setting, the Program selection will be confirmed when you press the [VALUE] knob after turning the [VALUE] knob and selecting the Program. In this case, the Program number will flash until the selection is confirmed. Once you press the [VALUE] knob, a new Program will be selected.

WAKE UP PROG (WAKE UP) {0...127}
When you turn on the power to the AM8000R, it will recall the Program selected here.

MAP (MAP) [OFF, ON]

This parameter allows you to assign the AM8000R Program numbers to the MIDI Program numbers. With the ON setting, the specified Program map will be used.

To specify the Program map, first press the [FUNCTION] knob. (The display will change as follows:)



Turn the [FUNCTION] knob to select the MIDI Program Change number, and turn the [VALUE] knob to assign the Program number.

Finally, press the [FUNCTION] knob to complete the setting.

With the OFF setting, the MIDI Program Change number will be assigned to the same number of the Program. That is, for example, MIDI Program Change number 1 will be assigned to Program 1.

AUDIO CNTRL (AUDIO CNTRL)

This parameter group allows you to set the audio signal controller.

ENVELOP SENS (ENV SENS) {0...30}
Used to set the sensitivity of the envelope controller.

DISPLAY (DISPLAY)

These parameters are related to the display.

DISPLAY MODE (DSP MODE) [NAME, NUM, MAP]
Used to set the items to be displayed in Program mode.

NAME: The LCD will indicate the currently selected Program name.

NUM: The LCD will indicate the currently selected Program number and part of the Program name.

MAP: The LCD will indicate the Program Change number received via MIDI, and the corresponding Program number.

ABBREV TIME (ABRV TIME) {0...8}

When ABRV MODE is set to 1, this parameter is used to set the time required for the parameter name to change from full-name indication to an abbreviated display.

If you select "0," an abbreviated name will appear. If you select "1" or higher, the full parameter name will appear first, then it will change to an abbreviated form. The higher the number, the longer the time required to change the indication.

If ABRV MODE is set to 2, this parameter allows you to set the scrolling speed.

The higher the value is, the slower the scrolling speed.

ABBREV MODE (ABRV MODE) {1, 2}
Used to set the indication of a parameter name.
With "1," an abbreviated name will appear.
With "2," a parameter name will scroll.

DIMMER (DIMMER) [1...8]
Used to adjust the brightness of the LCD.

FOOT PEDAL (FOOT PEDAL)

These parameters are used to set the type of the foot pedals connected to the BYPASS jack on the rear panel.

BYPASS PEDAL (BYPASS) [L, H, U, D, U/D]
Used to set the type of the foot pedals connected to the BYPASS jack.

L: The foot switch is active when it is closed.

H: The foot switch is active when it is open.

U: The foot switch is active only at the moment it is switched from close to open.

D: The foot switch is active only at the moment it is switched from open to close.

U/D: The foot switch is active each time it is switched.

MEMORY (MEMORY)

These parameters are related to the Program memory.

WRITE PROTCT (W-PROTCT) [OFF, ON]
With the ON setting, writing a Program will be prohibited.

PRESET (PRESET[LOAD])
Allows you to load the factory preset Programs.

▲ If you load the factory preset Programs, all existing Program data will be replaced by the factory preset data, and you will lose the current data forever. Store important data first to a MIDI data filer.

Press the [VALUE] knob to load the data.

MIX OFFSET (MIX OFFSET)

This function is used to adjust the direct/effect balance of all Programs simultaneously.

DIRECT OFFST (DIR OFS) [-INF...0dB]
Used to adjust the volume level of the direct sound of all Programs.

WET OFFSET (WET OFS) [-INF...0dB]
Used to adjust the volume level of the effect sound of all Programs.

About Messages

COMPLETED

The operation is completed.

LOADING...

The factory default Programs are being loaded.

PROTECTED

WRITE PROTCT is ON, and you could not write the data. Turn off WRITE PROTCT for the MEMORY parameter in Utility mode.

READ ONLY

You have tried to write data to the ROM area. (You cannot write data to the ROM area.) Write the data to the User area (0-127).

Troubleshooting

If you suspect a malfunction, first check the items below. If the situation does not improve, consult your dealer or contact Korg Information.

The power is not turned on.

Is the AC/AC power supply connected correctly?

- ➔ Check the connection.

No sound is heard, or the volume level is very low.

Is the power to the sound source and/or the powered monitor speakers ON?

Are the sound source and/or the powered monitor speakers connected correctly?

- ➔ Check the setting and connection of each device.

Is the connecting cable damaged?

- ➔ Check the connecting cable.

Is the output level of the sound source or the [OUTPUT] knob or [INPUT] knob of the AM8000R set to 0?

- ➔ Adjust the volume level using the output level of the sound source or the [OUTPUT] knob and [INPUT] knob of the AM8000R.

Is the level for the MIXER, FX1 SOURCE, FX2 SOURCE, or D/R SOURCE parameter set to -INF?

- ➔ Adjust the level using the sub-parameters of MIXER, FX1 SOURCE, FX2 SOURCE, or D/R SOURCE in Program Edit mode.

Is only one of the OUTPUT jacks (L or R) connected?

- ➔ Adjust the output balance using the MIXER sub-parameter in Program Edit mode, or make a stereo output connection.

The connected foot pedal is disabled.

Do the foot pedal type and the FOOT PEDAL parameter settings match?

- ➔ Set the FOOT PEDAL sub-parameter in Utility mode to match the type of the connected foot pedal.

Is the connecting cable damaged?

- ➔ Check the foot pedal cable.

No effect is applied.

Is the Bypass function canceled?

- ➔ Cancel the Bypass function using the [BYPASS] key or the pedal switch connected to the BYPASS jack.

Is signal being sent to the effects?

- ➔ Adjust the level using the sub-parameters of FX1 SOURCE, FX2 SOURCE, or D/R SOURCE.

Operation of the [WARP!] or the pedal switch connected to the CONTROL jack 1-3 is not effective.

Is the device set correctly in Utility mode so that the [WARP!] knob or the pedal switch connected to the CONTROL jack 1-3 will be effective? Also, is the parameter to be controlled selected correctly in Program Edit mode?

- ➔ Check the settings of each mode. Refer to "Control with the [WARP!] knob" on page 9.

The Program cannot be stored.

Is the Write Protect parameter ON?

- ➔ Set the WRITE PROTCT parameter (MEMORY sub-parameter) in Utility mode to OFF.

Did you try to write data to the ROM area (128-255)?

- ➔ Write data to the User area (0-127).

Specifications

- Controls: [INPUT] knob (L, R), [OUTPUT] knob, [FUNCTION] knob, [VALUE] knob, [WARP!] knob, [FX1] key, [FX2] key, [DLY/REV] key, [BYPASS] key, Power switch
 - I/O: INPUT jack (L/MONO, R) (standard), OUTPUT jack (L, R) (standard), BYPASS jack (standard), CONTROL jack 1–3 (standard), AC9V IN (standard DIN-4pin connector), MIDI jacks (IN, OUT, THRU)
 - Display: 12 digits, Alpha-numeric
 - Effects: 40
 - Preset Program: 256 (User area: 128, ROM area: 128)
 - Maximum input level: +20.0dBu
 - Sensitivity: -10dBu—+8.0dBu (at 12dB of head room)
 - Input impedance: 500k Ω
 - Maximum output level: +20.0dBu
 - Output load impedance: 600 Ω or more
 - Response: 20Hz–20kHz (± 1.0 dB)
 - Dynamic range: 96dB (@1kHz AWTD 22kHz-LPF)
 - T.H.D.+ N: 0.03% (@1kHz F.S. 22kHz-LPF)
 - A/D, D/A resolution: 18-bit linear
 - Sampling rate: 48kHz (128 times oversampling bit stream ADC, DAC)
 - Outside dimensions (W x D x H):
482 x 216 x 44 (mm)
 - Weight: 2.4kg
 - Power supply: AC 9V
Current consumption: 2000mA (max.)
 - Operating temperature: 0–40°C (no condensation)
 - Accessories: Owner's Manual
Owner's Manual, Rubber pad, AC/AC power supply
- (F.S.= digital full scale level)
(0dBu=0.775Vrms)

The dimensions and specifications are subject to change for improvement without notice.

MIDI IMPLEMENTATION CHART (AM8000R)

Function		Transmitted	Recognized	Remarks
Basic Channel	Default	1 - 16	1-16	Memorized
	Changed	1 - 16	1-16	
Mode	Default		X	
	Messages	X	X	
	Altered	*****	X	
Note Number:		X	O 0-127	Received as control source *C
	True Voice	*****	X	
Velocity	Note On	X	O 9n, V=1 - 127	Received as control source *C
	Note Off	X	X	
Aftertouch	Key	X	X	
	Channel	X	O	Received as control source *C
Pitch Bend		X	O	Received as control source *C
Control Change	0, 32	O	O	Bank Select (MSB, LSB) *P
	0 - 120	O	O	Received as control source *1 *C
	121	X	O	Reset All Controllers
Program Change		O 0 - 127	O 0 - 127	*P
	Variable Range	*****	0 - 127	
System Exclusive		O	O	*E
System Common	Song Position	X	X	
	Song Select	X	X	
	Tune	X	X	
System Real Time	Clock	X	X	
	Command	X	X	
Aux Messages	Local On/Off	X	X	
	All Notes Off	X	X	
	Active Sense	X	X	
	Reset	X	X	
Notes	*C, *P, *E: Sent and received when MIDI Filter (Control Change, Program Change, System Exclusive) is set to ENA. *1: Sent and received when control change is assigned to switch.			

Mode 1: OMNI ON, POLY
 Mode 3: OMNI OFF, POLY

Mode 2: OMNI ON, MONO
 Mode 4: OMNI OFF, MONO

O: Yes
 X: No

NOTICE

KORG products are manufactured under strict specifications and voltages required by each country. These products are warranted by the KORG distributor only in each country. Any KORG product not sold with a warranty card or carrying a serial number disqualifies the product sold from the manufacturer's/distributor's warranty and liability. This requirement is for your own protection and safety.

KORG KORG INC.

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AM8000R

Preset Program List

The ROM area 128-255 contains the preset Programs. You cannot write data in this area.

The User area 0-127 contains the same preset Programs as the ROM area, but you can store your effect Programs in this area.

If you connect an instrument directly into the AM8000R, set the DIRECT OFFST parameter (a sub-parameter of MIX OFFSET) to -00.

Liste des Programms d'usine

Les mémoires mortes (128-255) contiennent les Programms d'usine. Il n'est pas possible d'y sauvegarder des données. La section utilisateur (0-127), par contre, contient des mémoires où vous pouvez sauvegarder vos propres réglages. A la livraison, ces mémoires contiennent les mêmes Programms que les mémoires mortes.

Si vous connectez un instrument au AM8000R directement, mettez le paramètre DIRECT OFFST (sous-paramètre de MIX OFFSET) sur -00.

Preset Program-Liste

Der ROM-Bereich 128-255 enthält die voreingestellten Programms. In diesen Bereich können Sie keine Daten schreiben. Der User-Bereich 0-127 enthält die gleichen voreingestellten Programms wie der ROM-Bereich, aber Sie können Ihre Effekt-Programms in diesem Bereich speichern.

Wenn Sie ein Instrument direkt an das AM8000R anschließen wollen, setzen Sie bitte das DIRECT OFFST-Parameter (ein Sub-Parameter von MIX-OFFSET) auf -00.

プリセット・プログラム・リスト

128~255はROMエリアで、プリセット・プログラムが収められています(このエリアへはライトできません)。

0~127はユーザー・エリアで、工場出荷時はROMエリアと同じプログラムが収められています。新たに作ったエフェクトは、ユーザー・エリアへライト(保存)してください。

ダイレクトインで本機を使用する場合は、UTILITYモードのDIRECT OFFST(MIX OFFSETのサブ・パラメータ)を-00に設定してください。

128 MULTI-HEAD	144 <DELAY+VERB>	160 SNARE GATE	176 RES*FLANGER	192 DRIVEN HORN	208 ENVELOP TALK	224 AQUARIUM	240 GTR ROTARY
129 PHAT CHORUS	145 SNARE ROOM	161 SNARE DIRT	177 INVERTFLANGE	193 ROTARY W/REV	209 TALK MEN	225 TREMOLO Q	241 GTR ECHO
130 ENSEMBLE	146 PLATE REVERB	162 SNARE BALLS	178 ENV*FLANGER	194 PITCH SHIFT	210 TALK MEN2	226 RING DOPPLER	242 GTR PLATE
131 TREMOLO WORX	147 BRIGHT PLATE	163 OLD TAPE DLY	179 STEP FLANGER	195 DUAL DETUNE	211 WAH RHYTHM	227 CHO/DLY+REV	243 GTR HALL
132 DIRT FLANGER	148 WARM PLATE	164 TAPE MOD	180 VIBRO-MOD	196 OCTACHORUS	212 BASS SEQUENC	228 L-DLY/R-REV	244 LIVERPOOL GT
133 RETRO PHASER	149 VOCAL PLATE	165 DUAL ECHO	181 4STAGE PHAS	197 MINOR CHORD	213 ON THE AIR	229 CHO/DLY/REV	245 HARD DIST
134 <HORN ROTOR>	150 COMP PLATE	166 RETRO ECHO	182 16STAGE PHAS	198 OCTAVE 5TH	214 BUSY STREET	230 CHO=DLY=REV	246 FUZZ-JGATE
135 MULTI DELAY	151 REC PICH REV	167 STEREO RETRO	183 S/H*PHASER	199 MONO CHAIN	215 DIS-CHORD	231 CHORUS-ROOM	247 FUNKY WAH
136 HICUT FILTER	152 WARM HALL	168 BAND CHORUS	184 3 BAND EQ	200 ENSEMBLE DLY	216 FEED-FADE	232 CHORUS-PLATE	248 FILTER FUNK
137 AUTO WAH	153 CHAMBER HALL	169 CLEAN CHORUS	185 6 BAND EQ	201 STEREO DELAY	217 BEACH--RADIO	233 CHO-DLY-REV	249 BASS LIMITEQ
138 ROOM REVERB	154 AMBIENT HALL	170 LO/FI CHORUS	186 LOCUT FILTER	202 TEMPO DELAY	218 SONAR	234 FLG-DLY-REV	250 BASS AMBIENT
139 THE 'A' ROOM	155 AMBIMOD HALL	171 STEP CHORUS	187 BNDPASS FLTR	203 CROSS DELAY	219 MISTERIOSO	235 GTR DRIVE+EQ	251 BASS FILTER
140 CHAMBER ROOM	156 HIPHOP HIHAT	172 CHORUS+PAN	188 HIPHOPFILTER	204 L/C/R DELAY	220 BECKOLOGY	236 GTR CHORUS	252 ACID PIANO
141 DOUBLINGROOM	157 REC LIM REV	173 DIGI-PICHCHO	189 BRONX FILTER	205 TECHNO SEQ	221 WARP.PICH	237 GTR PHASE	253 WARM PAD
142 REC STUDIO A	158 SPRING ECHO	174 HI-SYMPHONIC	190 SATURATER	206 TECHNO REZO	222 STEP MOD	238 GTR VIBRATO	254 PIANO SOURCE
143 FATMOD ROOM	159 POWER GATE	175 SOFT TREMOLO	191 LOUDNESS	207 TECHNO PAD	223 X-MOD	239 GTR TREMOLO	255 SOFT BYPASS