

RD-2000 Version 1.50 Supplementary Manual

This manual explains the functions that have been added in version 1.50 of the RD-2000.

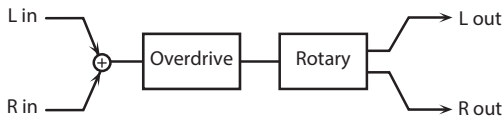
Read this manual in conjunction with the RD-2000 Owner's Manual.

Added Function

ROTARY Type2 Added

We added the following effect to the Tremolo/Amp Simulator parameters (Parameter Guide (English): p. 63).

7: ROTARY Type2



Parameter	Value	Explanation
Speed	SLOW, FAST	Simultaneously switch the rotational speed of the low frequency rotor and high frequency rotor. SLOW: Slows down the rotation to the Slow Rate. FAST: Speeds up the rotation to the Fast Rate.
Rotary Switch	OFF, ON	Switches the rotation of the rotary speaker. When this is turned off, the rotation will gradually stop. When it is turned on, the rotation will gradually resume.
Woofer Slow Speed	0.05–10.00 [Hz]	Low-speed rotation speed of the woofer
Woofer Fast Speed	0.05–10.00 [Hz]	High-speed rotation speed of the woofer
Woofer Trans Up	0–127	Adjusts the rate at which the woofer rotation speeds up when the rotation is switched from Slow to Fast.
Woofer Trans Down	0–127	Adjusts the rate at which the woofer rotation speeds up when the rotation is switched from Fast to Slow.
Woofer Level	0–127	Volume of the woofer
Tweeter Slow Speed	0.05–10.00 [Hz]	
Tweeter Fast Speed	0.05–10.00 [Hz]	
Tweeter Trans Up	0–127	Settings of the tweeter The parameters are the same as for the woofer.
Tweeter Trans Down	0–127	
Tweeter Level	0–127	
Spread	0–10	Sets the rotary speaker stereo image. The higher the value set, the wider the sound is spread out.
Level	0–127	Output Level
OD Switch	OFF, ON	Overdrive on/off
OD Gain	0–127	Overdrive input level Higher values will increase the distortion.
OD Drive	0–127	Degree of distortion
OD Dry Mix	0–127	Volume of the original sound that's mixed with the overdrive sound
OD Level	0–127	Volume of the overdrive

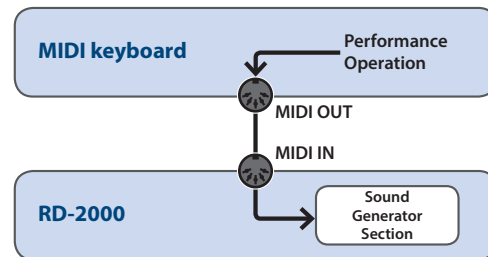
Startup Mode Added

We added the following system settings.

Parameter [▲] [▼]	Value [DEC] [INC]	Explanation
Startup Mode	DEFAULT, PROGRAM, SCENE	Specifies the sound that is initially selected when you turn on the power. DEFAULT: As before, the sound is selected according to the content of STARTUP. PROGRAM: Program A-01 is selected. SCENE: The lowest registered number in the SCENE is selected. If nothing is registered, the STARTUP sound is selected.

Harmonic Bar/Percussion Can Now Be Controlled from an External MIDI Device

The Harmonic Bar/Percussion settings of an organ sound can now be controlled via MIDI messages (control change messages) from an external device.



CC# (feet)	Value: step	CC#	Value (explanation)
CC#102 (16')	0–14: 0	CC#114 (Percussion Switch/Decay)	0–25 (off)
CC#103 (5 1/3')	15–28: 1		26–51 (2nd/Fast)
CC#104 (8')	29–42: 2		52–76 (2nd/Slow)
CC#105 (4')	43–56: 3		77–102 (3rd/Fast)
CC#106 (2 2/3')	57–71: 4	CC#112 (Percussion Volume)	103–127 (3rd/Slow)
CC#107 (2')	72–85: 5		0–63 (normal)
CC#108 (1 3/5')	86–99: 6	CC#24 (TONE COLOR)	64–127 (soft)
CC#109 (1 1/5')	100–113: 7		0–63 (Rotary Slow)
CC#110 (1')	114–127: 8		64–127 (Rotary Fast) * RD-EXPOS sound only

* When you edit parameters in the Tone Wheel & Designer Menu screen (owner's manual p. 22), the above MIDI messages are transmitted (CC#24 TONE COLOR excluded).

New Piano Sounds Added (7 Sounds)

Sounds powered by V-Piano Technology have been added to the sub category "Concert Grand."

Number	TONE Name	Number	TONE Name
S11	Aco Grand 5	S15	Aco Grand 9
S12	Aco Grand 6	S16	Aco Grand 10
S13	Aco Grand 7	S17	at Stage
S14	Aco Grand 8		

RD-EXP05/06 Is Now Supported

The following two libraries are now supported.

- RD-EXP05 (Virtual Tone Wheel Organ Collection)
- RD-EXP06 (Analog/Digital Vintage Synth Collection)

For details, refer to Axial web site.

➔ <http://axial.roland.com/>

Slider Mode Added

We added the following system settings.

Parameter [▲] [▼]	Value [DEC] [INC]	Explanation
Slider Mode	DIRECT, CATCH	When you operate a slider, this setting specifies whether control data corresponding to the slider's position is always transmitted (DIRECT) or whether control data is transmitted only after the slider passes through the current value of the parameter (CATCH).

Problems Fixed

- We fixed the problem in which pitch was not set to the correct values when the Kirnberger temperament is selected.
- We fixed the problem in which when using the knobs to control Internal, the parameter changes had not been reflected by the LED indicators.