



REVERB BOX

RX-100

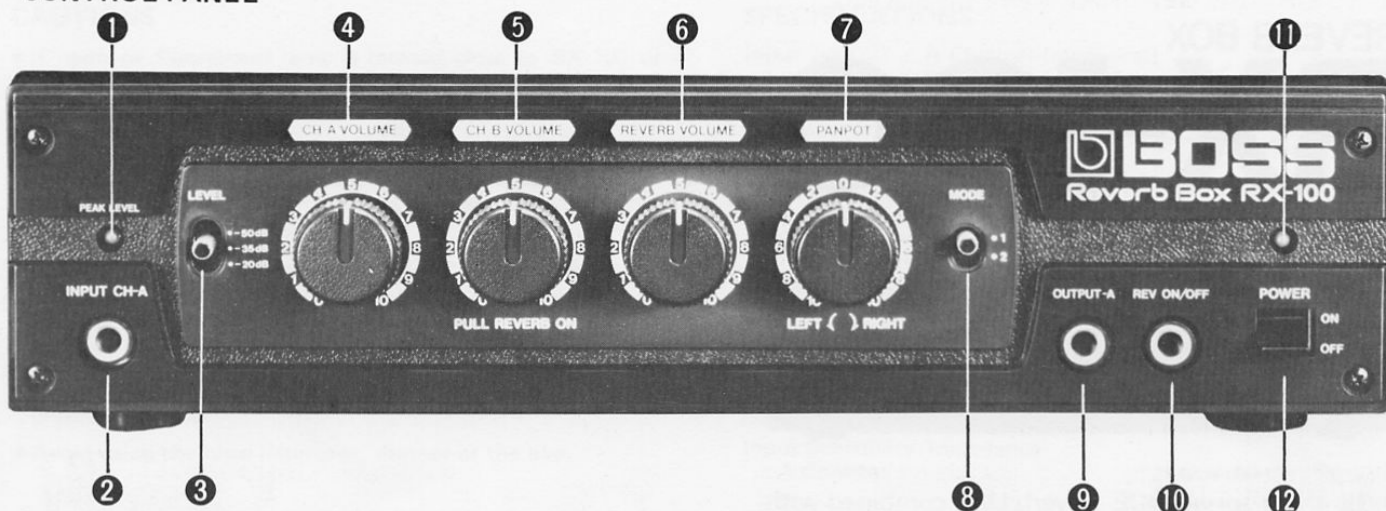
OWNER'S MANUAL



- The three spring OCE Reverb Unit combined with Limiter Circuit produces deep, distortion-free, clear reverb sound.
- Equipped with two channels of input/output, you can use it for monaural and stereo sounds. It is also possible to mix the two channels.
- Provided with Panpot, you can place sound image as you like and enjoy stereophonic reverb sound.
- Connecting Footswitch, you can control ON/OFF of echo effect, which will wield power in on-stage performance.

CONTROLS AND FUNCTIONS

CONTROL PANEL



1 PEAK LEVEL INDICATOR

This indicator lights to indicate excessive input level by detecting impulsive sound.

* This indicator does not act when input is only for B channel and pull-push switch of B channel input volume is at OFF (depressed).

2 A CHANNEL INPUT JACK

Connect microphone or instrument to this jack.

3 A CHANNEL INPUT LEVEL CHANGEOVER SWITCH

Set this switch to proper position to meet the output level of microphone or instrument connected. (Microphone -50dB; Guitar -35dB; Synthesizer -20dB)

* At -50dB position impedance is fit for microphone, and at -35 and -20dB positions impedance is fit for instruments. Depending on the device you connect, the gain may be reduced at -50dB position.

4 A CHANNEL INPUT VOLUME

This controls A Channel input level. Set this control where Peak Level Indicator lights at intervals. (This Indicator lights continuously with excessively high input level.) Turn the control clockwise (○) to increase level and counterclockwise (◐) to decrease.

to increase level and counterclockwise (◐) to decrease.

5 B CHANNEL INPUT VOLUME

This controls B Channel input level. Set this control where Peak Level Indicator lights at intervals. (This Indicator lights continuously with excessively high input level.) Turn the control clockwise (○) to increase level and counterclockwise (◐) to decrease.

Pull this knob to give reverb effect to B Channel sound and push to cancel.

6 REVERB VOLUME

This controls reverb effect volume. Turn the knob clockwise (○) to increase volume and counterclockwise (◐) to decrease. *This control does not affect the direct sound volume.

7 PANPOT

When using the both channels to produce stereophonic sound, use this control to place sound image of direct and reverb sound from A Channel and reverb sound from B Channel, from right to left as you like. With this control at center, the sound is produced from the center. Turn the knob clockwise (○) to move the sound image to the right and counter-

clockwise (◐) to left.

8 REVERB MODE CHANGEOVER SWITCH

This switch selects reverb effects when using B Channel for stereo outputs. At "1" position, the sound is produced at the place determined by Panpot control. At "2" position, expanded clear sound is produced. At this time, set Panpot control at the center to get the best result.

9 A CHANNEL OUTPUT JACK

This is the A Channel output jack. Direct and reverb sounds from A Channel and also reverb sound from B Channel are sent out from this jack. The output level is -20dB.

10 REMOTE SWITCH JACK

Connecting the footswitch FS-1 (option) etc. to this jack, you can control ON/OFF of reverb sound.

11 PILOT LAMP

When power switch is turned on, this lamp lights.

12 POWER SWITCH

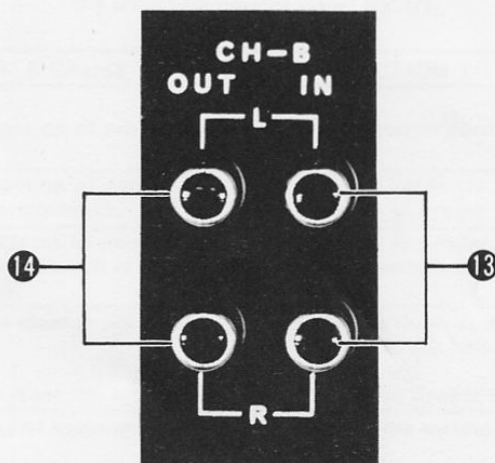
REAR PANEL

13 B CHANNEL INPUT PIN-JACK

These are B Channel stereo input jacks. The input level is set at -15dB, to accept tuner output, tape recorder line output, and line output and tape out from stereo systems.

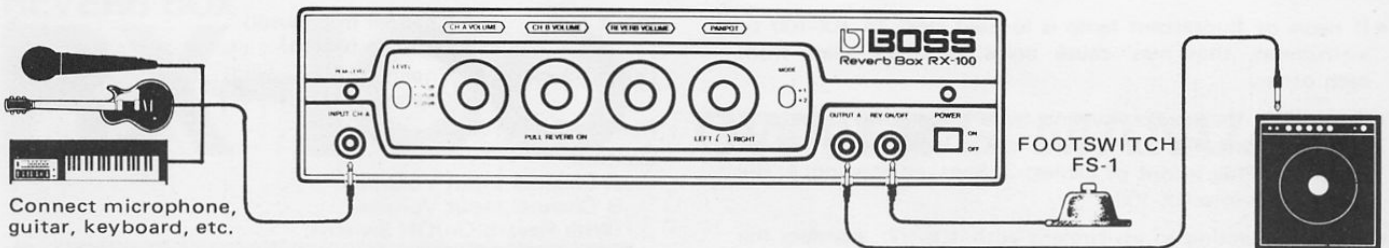
14 B CHANNEL OUTPUT PIN JACK

These jacks give mixed outputs of A Channel direct and reverb and B Channel direct and reverb. Suited for connection to tape recorder line input and stereo system tape input and AUX input.

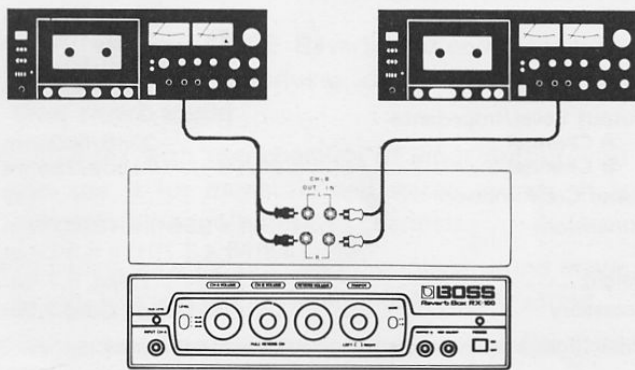


CONNECTING RX-100

1. TO OBTAIN GENERAL REVERB SOUND

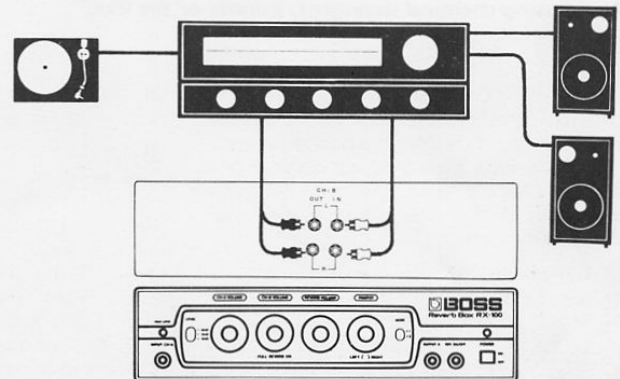


2. TO ADD REVERB SOUND TO LIVE OR MULTI-RECORDING




* Reverb sound can be added to recorded tape by connecting input and output of tape recorder to output and input of B Channel, respectively.

3. TO ADD REVERB SOUND TO TAPE ACCOMPANIMENT




* Add reverb effect to both A Channel with microphone or instrument and B Channel with record player or the like, to obtain more effective reverb sound. Skillful control of Panpot will bring forth the presence like an on-stage performance.


OPERATING RX-100

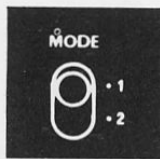
1  Set each knob at "0" position and connect all input and output cords required. Set power switch to on. The Pilot Lamp will light and RX-100 is ready to produce sound.




2  **LEVEL**
 • -50 dB
 • -30 dB
 • -20 dB


Set Input Level Changeover Switch to proper position to accord with the levels of microphone or instrument connected.

3  Turn Input Volume control clockwise (↻) to set volume at proper level.
 * Pay attention to indicator lighting. Also when mixing A and B channels, be careful of the volume balance of both channels.

4  **MODE**
 • 1
 • 2

Set Reverb Mode Changeover Switch at the position you like.

5  Turn Reverb Volume clockwise (↻) to the proper level.

6  Set Panpot as you like to produce the best effect.

CAUTIONS

- If neon or fluorescent lamp is located close to RX-100 or instrument, that may cause noise. Separate them from each other.
- To protect the speaker system from breakdown, avoid the following with RX-100 volume set at high level. 1. Power on/off; 2. Plug in/out of cables; 3. Speaker howling; 4. Big shock noise into RX-100.
- When connecting an instrument with RX-100, connect the cord plug to the instrument first and the other end to RX-100. For disconnection, reverse the order: from RX-100 first and then from the instrument.
- Avoid using RX-100 under dusty or humid conditions to prevent troubles.
- Avoid using chemical detergent, thinner or the like.

SPECIFICATIONS

Input Jack . . .	A Channel (monaural)	1
	B Channel (stereo)	1
Output Jack . . .	A Channel (monaural)	1
	B Channel (stereo)	1
Remote Switch Jack		1
Controls		
	A Channel Input Volume	1
	B Channel Input Volume	1
	(With Reverb On/Off Switch)	
	Reverb Volume	1
	Panpot	1
Changeover Switch		
	A Channel Input Level Changeover Switch	1
	Reverb Mode Changeover Switch	1
Peak Level Indicator		1
Input Sensitivity/Impedance		
	A Channel	-50dB/2.9kohm
		-35dB/10kohm
		-20dB/60kohm
	B Channel	-15dB/50kohm
Output Level/Impedance		
	A Channel	-20dB/600ohm
	B Channel	-15dB/1kohm
Power Consumption		5W
Dimensions	340(W) x 95(H) x 165(D)mm	
	13.8(W) x 3.7(H) x 6.5(D) in	
Weight		2.6kg, 5.7 lbs.
Accessory	Connection Cord 2.5m	

*Specifications are subject to change without notice.

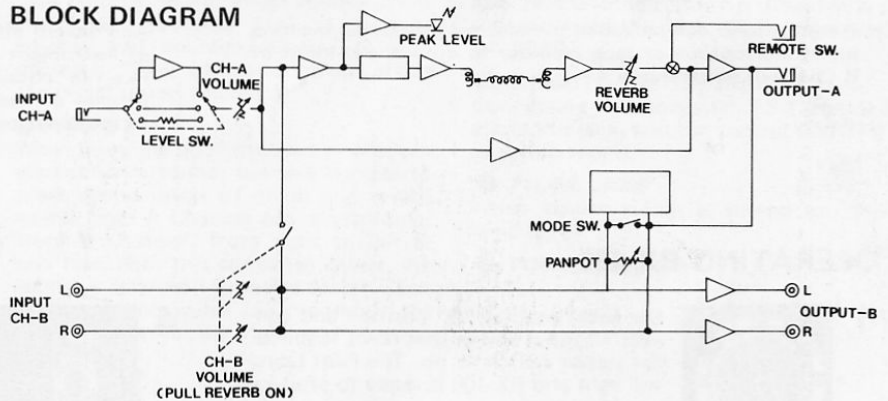
OPTION

FOOTSWITCH FS-1

Footswitch for remote-controlled ON/OFF operation of effects.



BLOCK DIAGRAM



TROUBLESHOOTING GUIDE

If your unit does not operate properly, take proper action consulting the table below. The symptom listed would be caused by mistake in using the unit. If the trouble cannot be

remedied even after actions instructed or if there is any symptom other than those listed below, make contact with the shop you bought your RX-100.

SYMPTOM	POSSIBLE CAUSE	ACTION TO BE TAKEN
Even when Power Switch is set ON, Pilot Lamp does not light and no sound is produced.	Imperfect connection of power cord.	Plug in power cord perfectly.
Pilot Lamp lights but no sound is produced.	Imperfect connection of cords. Volume is set to minimum.	Connect perfectly. Turn up to proper level.
Sound is produced but without reverb.	Reverb Volume is set to minimum. B Channel Reverb Switch is set at OFF (depressed).	Turn up to proper level. Set the switch to ON (pull).
Howling trouble.	Microphone and speaker are placed too close. Reverb Volume is set too high.	Separate them each other. Do not place RX-100 on vibrating speaker cabinet, etc. Reduce to proper level.
Proper volume is obtained but much noise.	Improper setting of input and/or output level.	Change the setting where lesser noise is heard.