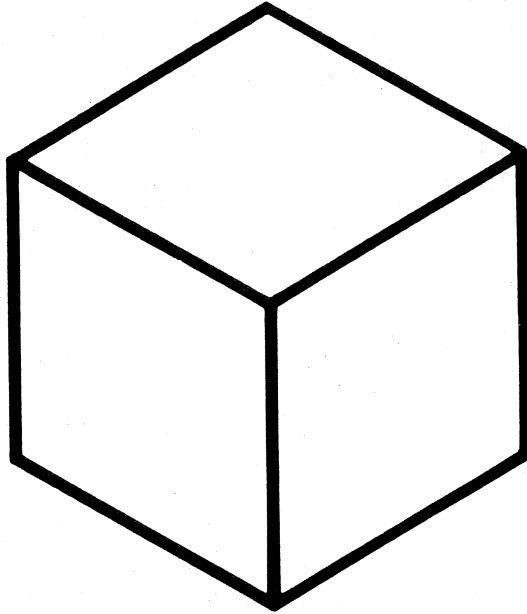


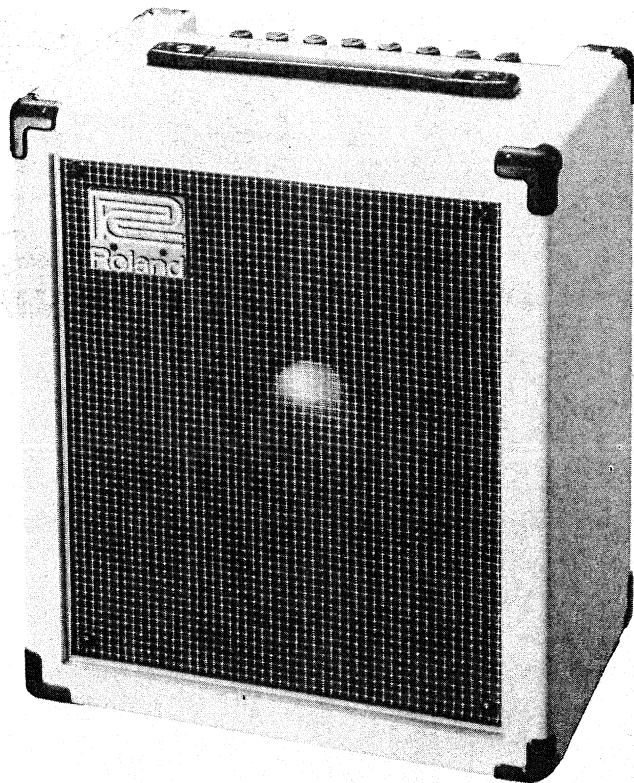
CUBE



CUBE-100 INSTRUCTIONS



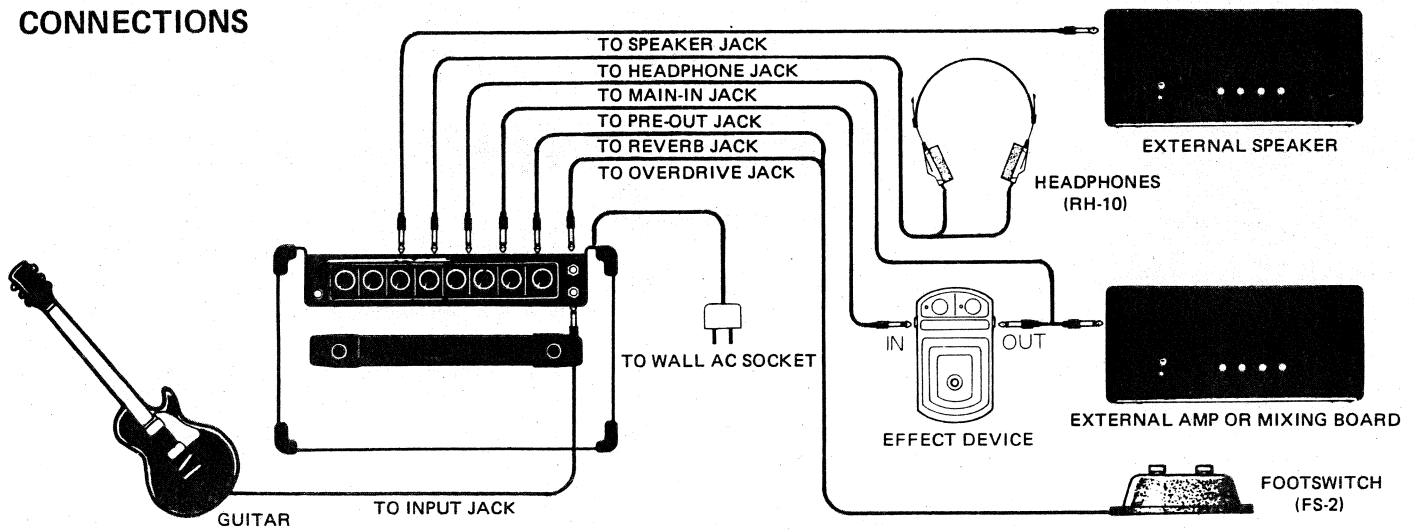
Please read this manual carefully for proper operation of this unit.



FEATURES

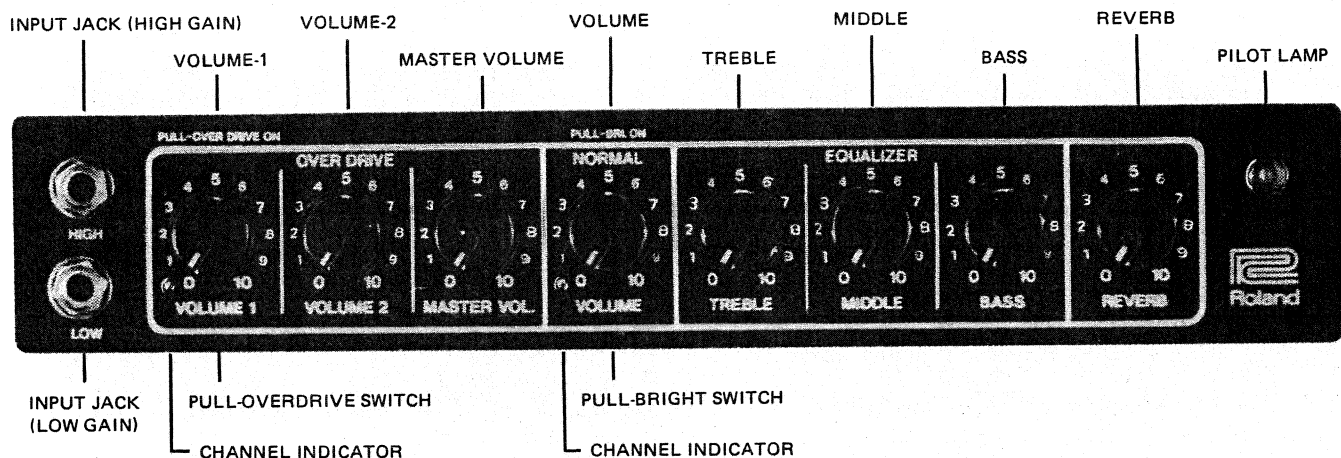
- CUBE-100 is a self-contained new 12" heavy-duty speaker model with 100 watts (rms) of power, which is small but incredibly powerful and versatile.
- The unique 4-volume dual-mode control circuitry allows you to switch instantly from the clean rhythm sound to a flexible blistering lead tonality.
- With no unwanted glare, our specially designed FET pre-amp stage circuitry enhances the tone produced by a guitar, giving it increased warmth, roundness and sparkle when in the Normal mode, and controllable fat sustain and harmonic distortion when in the Overdrive mode.
- The built-in reverb system with a carefully mounted 3 spring reverb unit produces the smooth and spacy delay sound with no "springness".
- The 6 useful jacks located on the amplifier rear panel include: Pre-Out, Main-In, Reverb Foot-switch, Overdrive Footswitch, External Speaker and Headphones.

CONNECTIONS



CONTROLS AND FUNCTIONS

CONTROL PANEL



INPUT JACKS

There are 2 input jacks which you can use depending on your requirement. With the Low Gain Input, you can decrease 10dB of input gain from the High Gain Input.

CHANNEL INDICATOR

2 LED indicators show the channel that is selected.

* Although the LEDs do not go out immediately after turning off the power switch, it is not a machine failure.

OVERDRIVE CHANNEL

With the Pull-Overdrive switch which is built in to the Volume 1 control (or optional footswitch), you can switch from the Normal channel to the Overdrive channel instantly. Volume 1 and Volume 2 regulates overdrive harmonics and fat sustain and Master Volume allows control of amplifier loudness in the Overdrive mode.

NORMAL CHANNEL

Use the Volume control of the Normal channel for basic rhythm warmth and loudness. The Pull-Bright switch which is incorporated in this Volume control is used to make the Normal (rhythm) sound brighter and only affects playing in the Normal mode.

TONE CONTROLS

Tone control circuitry on the CUBE-100 consists of Treble, Middle and Bass controls. And also the Pull-Bright switch of the Normal channel offers brilliance to the Normal sounds when it is used.

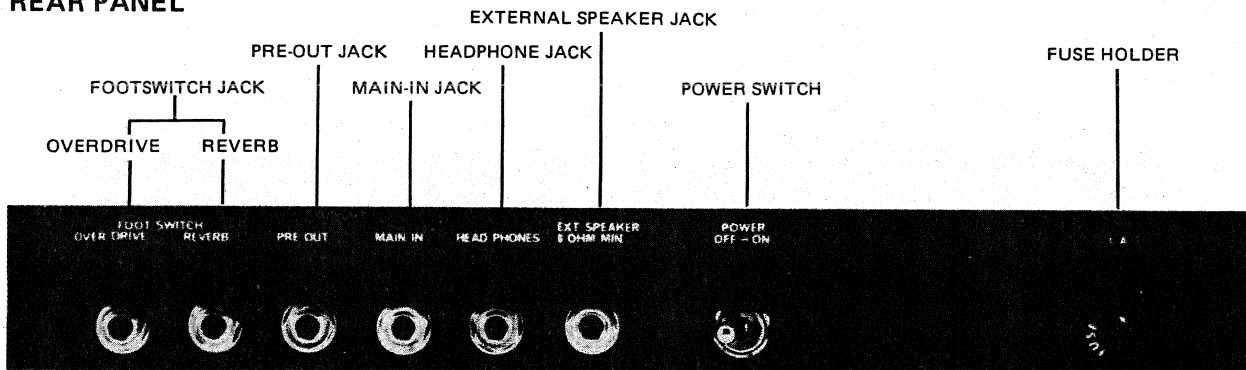
REVERB

Reverb control is used to control the depth of reverberation. This reverb system utilizes a special 3 spring reverb unit which is carefully mounted to reduce hum, buzz and unwanted feedback. The sound is authentic and smooth with no "springness" to mar the depth.

PILOT LAMP

The Pilot lamp lights when the power switch is turned on, showing that the unit is ready for operation.

REAR PANEL



OVERDRIVE FOOTSWITCH JACK

Connect an optional footswitch (such as Roland FS-1, FS-2) and pull the Overdrive switch which is built in Volume 1 for remote switching Overdrive mode or Normal mode. The Overdrive channel (Volume 1, Volume 2 and Master-volume) produces the controlled distortion and sustain for lead playing and yet you can always foot-switch back to the Normal mode, warm and clean sounds for chords.

REVERB FOOTSWITCH JACK

An optional footswitch (such as Roland FS-1, FS-2) is plugged in this jack for remote switching the reverb effect on and off.

PRE-OUT JACK

The Pre-Out jack is an output which captures the entire sound of the pre-amp and can be matched to a power amp (such as Roland SPA-240), mixing board or into another CUBE for a linked-up arrangement.

MAIN-IN JACK

The Main-In jack is the input point to the power amp stage. Connecting an effect device in between the Pre-Out Jack and the Main-In jack offers a low-noise internal connection without overloading of the effect devices used.

HEADPHONE JACK

Stereo headphones (such as Roland RH-10) may be plugged into this jack for private listening. The speaker does not work when this jack is connected.

EXTERNAL SPEAKER JACK

An external speaker system (8 ohm minimum) can be connected.

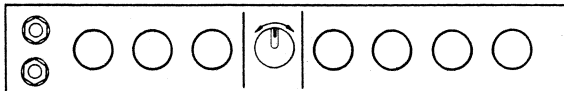
POWER SWITCH

Set all volumes at "0" before turning on the Power switch.

OPERATION

1 NORMAL SOUND

Set the Pull-Overdrive switch incorporated Volume 1 at the Normal mode position. Volume 1, Volume 2 and Master Volume do not work in this mode. For a high output guitar or other instruments, the Low gain input can be used to make sounds cleaner without any unwanted distortion.



3 HARD DISTORTION SOUND

Set Volume 1 and Master Volume as shown below in the Overdrive mode, and use Volume 2 to control amplifier loudness. Not only gain but overdrive harmonics can be controlled by Volume 1.



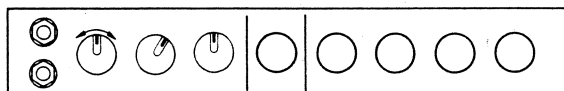
2 OVERDRIVE SOUND

Pull the Overdrive switch built in to Volume 1 to switch into the Overdrive mode, and set Volume 1 and Volume 2 as shown below to obtain the hottest sustain sound. Use Master Volume to control the amplifier loudness.



4 SOFT DISTORTION SOUND

Set Volume 2 and Master Volume as shown below in the Overdrive mode, and use Volume 1 to control of amplifier loudness.



OPTIONS

- Use Roland FS-1 Single Footswitch or Roland FS-2 Dual Footswitch for remote switching to the Overdrive and Reverb effect.
- By using a Roland FV-2 Foot Volume connected in between the Pre-Out and the Main-In it is possible to regulate the loudness without affecting the overdrive distortion and tonality in either mode.

CAUTIONS

- Locating neon or fluorescent lamp near to the amplifier and instruments may cause to have noise interference. In such a case, get them relocated out of interference range. Also, changing the guitar direction may decrease noise interference.
- Be sure to set the amplifier volume to "0" before pulling the cable out, because it might damage the speaker owing to unacceptable load.
- To make connection of an instrument to the amplifier, be sure to connected the instrument in the first place, then connect to the amplifier. Observe the reverse sequence when disconnected.
- Avoid strong shock to the amplifier. In addition, do not move the amplifier while it is operating.
- Do not use it in such a location where much humidity or dust is prevailing. It may lead to troubles.
- Use a neutral detergent to clean the amplifier. Do not use thinners.
- Use the specific fuse when replacement is required.

SPECIFICATIONS

Output	100 watt (rms)	Pre-Out jack	1
Speaker	30cm x 1	Main-In jack	1
Input jacks	High/Low	Headphones jack	1
Controls	VOLUME-1 (pull to OVER- DRIVE), VOLUME-2, MASTER VOLUME, VOLUME (pull to BRIGHT), TREBLE, MIDDLE, BASS, REVERB	External speaker jack	1
Footswitch jacks	OVERDRIVE/NORMAL, REVERB	Power consumption	65W
		Physical dimensions	396(W) x 465(H) x 264(D) mm
		Weight	20kg
		Accessories	Vinyl dust cover

* Specifications subject to change without notice.

BEFORE CALLING FOR SERVICING

Please check the condition according to the table given below, in case the unit does not function properly. If the

trouble were to still persist after checking, then contact your dealer.

Trouble symptom	Possible cause	Action to be taken
The pilot lamp does not turn on without sound generation, even if the power switch was turned on.	Improper power cable connection	See if the power cable is connected in proper manner.
The pilot lamp turns on, but sound is not generated.	Volume is set to the lowest position.	Turn it to a proper level.
Won't switch to the Overdrive channel.	VOLUME-1 is set to the Normal position.	Pull the VOLUME-1 knob out to switch it to the Overdrive channel.
Can't switch to the Overdrive channel by Footswitch.	"	"
No Reverb turns on.	The Reverb switch at the lowest point. Or, Footswitch is set at OFF.	Turn the volume to a proper level. Or, stamp on the footswitch to make it ON.
Overdrive effect is not good enough.	Insufficient input level.	Raise the guitar volume up.

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