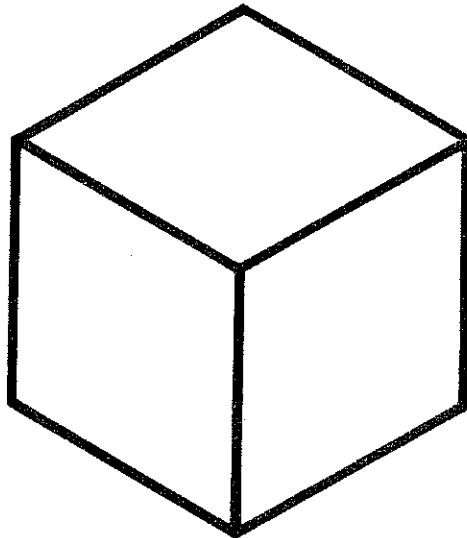


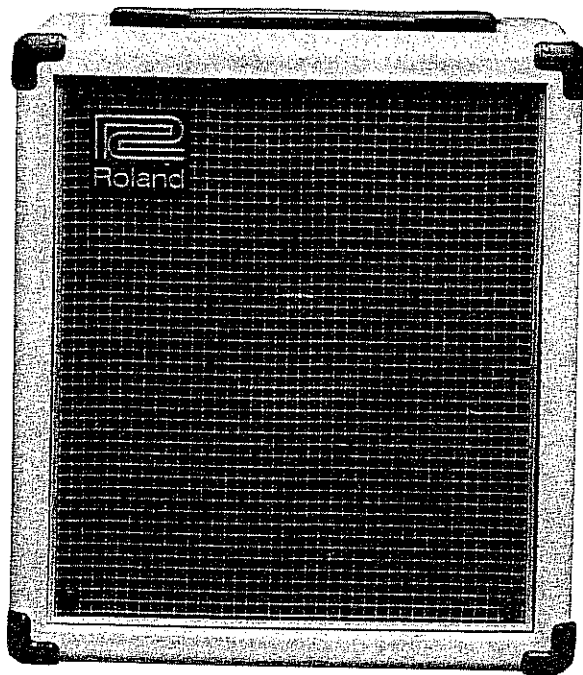
# CUBE



## CUBE-40 INSTRUCTIONS

 Roland

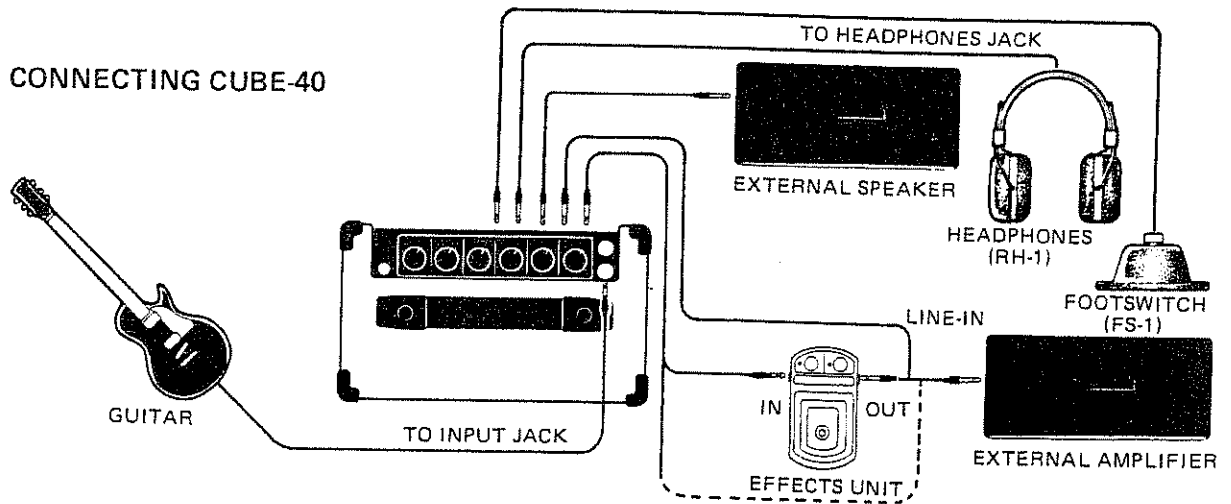
\* Please read these instructions carefully for proper operating procedures for the CUBE-40.



## FEATURES

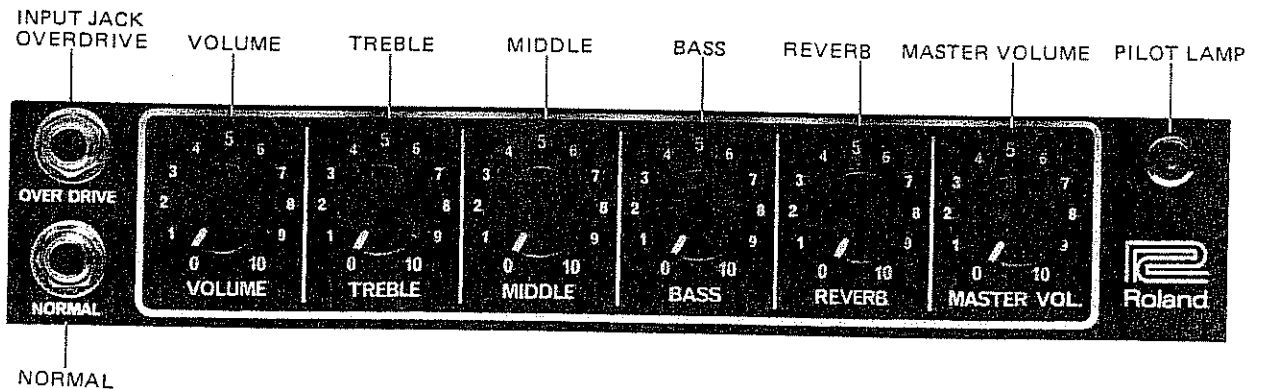
- A compact model with 40 watt (rms) output using a newly developed, high-efficiency speaker.
- With two input system (overdrive/normal), you can use guitar having any kind of output.
- Provided with reverb capability.
- Provided with multiple jacks (Pre-Out/Main-In/ Reverb Footswitch/External Speaker).
- Provided with headphones jack, you can hear through ordinary monaural or stereo headphones.

## CONNECTING CUBE-40



## CONTROLS AND FUNCTIONS

### CONTROL PANEL



#### INPUT JACK

Two input jacks (overdrive/normal) are equipped. To obtain distortion sound, connect to overdrive jack. When you do not hope to distort the sound or when using big output guitar, connect to normal jack.

#### VOLUME

This knob controls volume. Turn clockwise (↻) to increase and counterclockwise (↺) to decrease.

#### TREBLE

This knob controls high range response. Turn clockwise (↻) to lift and counterclockwise (↺) to cut.

#### MIDDLE

This knob controls middle range response. Turn clockwise (↻) to lift and counterclockwise (↺) to cut.

#### BASS

This knob controls low range response. Turn clockwise (↻) to lift and counterclockwise (↺) to cut.

#### REVERB

This knob controls reverberation sound. Turn clockwise (↻) to increase and counterclockwise (↺) to decrease.

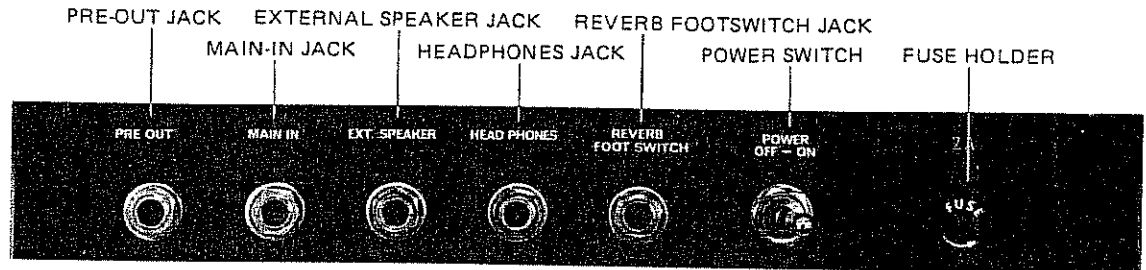
#### MASTER VOLUME

This knob controls output. Turn clockwise (↻) to increase and counterclockwise (↺) to decrease. Note that no sound is produced at full-counterclockwise (0) position.

#### PILOT LAMP

With power switch set to ON, this lamp lights to indicate that the unit is ready to operate.

## REAR PANEL



### PRE-OUT JACK

CUBE-40 can be linked through this jack to line in of another guitar amplifier or to PA mixer. Recording is also possible by connecting to a tape deck.

### MAIN-IN JACK

An effects unit can be connected between the pre-out jack and this main-in jack.

### REVERB FOOTSWITCH JACK

Connect footswitch to this jack and you can remote-control the reverb effect to ON or OFF during performance.

### HEADPHONES JACK

Connecting headphones to this jack, no sound is produced through the speaker. You can enjoy your playing loud even at midnight. Stereo or monaural headphones can be used.

### EXTERNAL SPEAKER JACK

External speaker system with  $8\Omega$  or over can be connected and sound can be produced being switched from the combined speaker. This is very effective when sound spread is required.

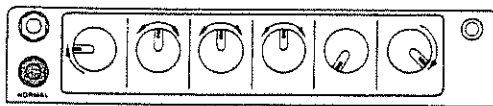
### POWER SWITCH

Set to ON to run the amplifier.

## OPERATING CUBE-40

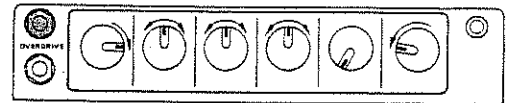
### 1 NORMAL SOUND

Set the knobs and switches as illustrated below. While playing the guitar, adjust volume and tone controls (treble/middle/bass) to obtain the best sound.



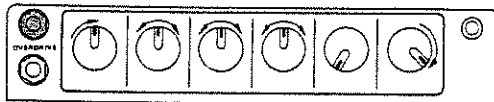
### 2 SOFT DISTORTION

Starting from the mode for the normal sound, turn master volume counterclockwise (○) and volume clockwise (○), to obtain soft distortion. Adjust these two knobs properly to obtain just the sound you like.



### 3 HARD DISTORTION

Starting from the mode for the normal sound, turn volume clockwise (○) to obtain hard distortion.



### 4 REVERB CONTROL

Turn the knob clockwise (○) to obtain proper reberberation sound.

## TO MAKE THE BEST USE OF CUBE-40

### To produce distortion sound effectively

Connect the guitar to overdrive input. Set the amplifier volume at 5 – 8 and master volume at 3 – 5.

Then adjust the tone controls (treble/middle/bass) to produce the best tonal quality. The bigger the guitar output is, the greater the distortion effect becomes. It is recommended, therefore, to set volume control on guitar to the maximum position.

## CAUTION

- If neon or fluorescent lamp is located close to amplifier or instruments, that may cause noise. Separate them from each other. Also, selecting direction of guitar can reduce the noise.
- Do not put in or out the power plug with amplifier volume set at high level. Speaker is heavily loaded by uncontrolled signals, causing the fear of breaking it. Do it after turning volume to "0" without fail.
- When connecting instrument and amplifier, connect cord plug to instrument first and then the other end to amplifier. For disconnection, reverse the order: from amplifier first and then from instrument.
- Do not exert big shock upon amplifier. Avoid moving amplifier while it is on.
- Avoid using CUBE-40 where there is much dust or under high humidity conditions, which may cause trouble.
- If amplifier is soiled, clean with mild cleanser.  
\* Avoid using thinner or the like.
- When replacing a fuse, be sure to use that with the specified rating.

## 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 the actions instructed, or if there is any symptom other than those listed, make contact with the shop you bought your CUBE-40.

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.
	Fuse blown.	Replace.
Pilot lamp lights, but no sound is produced.	Volume is set to minimum.	Turn to proper level.
Reverb not effected.	Reverb volume is set to minimum.	Turn to proper level.
	Footswitch is set at OFF.	Tread the footswitch to turn ON.
Distortion is weak.	Insufficient input.	Raise the guitar volume up.

## SPECIFICATIONS

CUBE-40 INSTRUCTIONS Printed in Japan Apr. '81 B-3

Output . . . . .	40Wrms
Speaker . . . . .	25cm x 1
Input jack . . . . .	Overdrive/Normal
Control . . . . .	Volume /Treble/Middle/ Bass/Reverb/Master Volume
Footswitch jack . . . . .	Reverb
Pre-Out jack . . . . .	1
Main-In jack . . . . .	1
Headphones jack . . . . .	1
External speaker jack . . . . .	1
Power consumption . . . . .	36W
Dimensions . . . . .	310(W) x 368(H) x 205(D)mm 12.2(W) x 14.5(H) x 8.1(D)in
Weight . . . . .	10.5kg, 23 lbs.
Accessory . . . . .	Vinyl cover

\* Specifications are subject to change without notice.

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