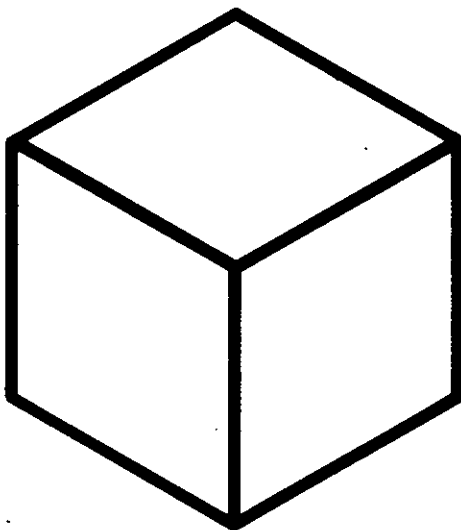


# **CUBE KEYBOARD**



**CK-100**  
**INSTRUCTIONS**

 **Roland**

## FEATURES

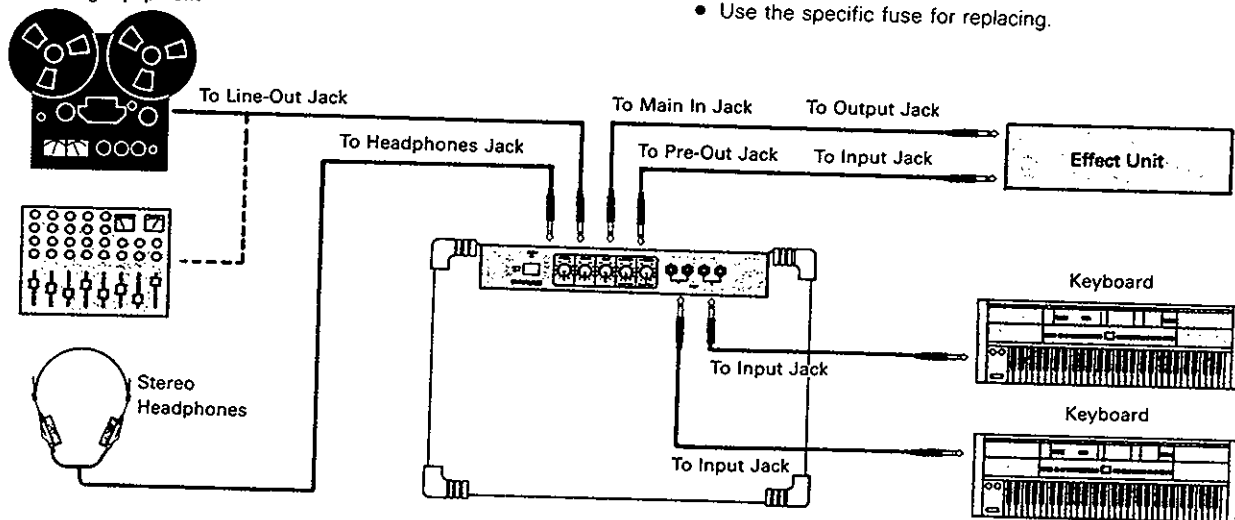
- The CK-100 is a keyboard amplifier that features 38cm (15") woofer, mid-range horn and dome type tweeter, allowing superb amplification of the wide band keyboard sound.
- Two separate channel inputs are provided, allowing individual volume control for two keyboards simultaneously.
- Provided with the Attenuator control, the CK-100 can be used with all types of the keyboards.
- The Headphones Jack can be useful for your private listening.
- Carrying the CK-100 is easy by attaching the provided casters.

## IMPORTANT NOTES

- Operating this amplifier near a neon or fluorescent lamp may cause noise interference. If so, change the position or the angle of the keyboard.
- Turn the volume of this amplifier to zero before connecting or disconnecting the plug, to protect the speaker from excessive strain.
- When setting up this amplifier with a keyboard, connect the connection cord to the keyboard first, then to the amplifier. When disconnecting, pull out the cord from the amplifier first and then from the keyboard.
- Avoid giving a strong shock to this amplifier, and do not move it while it is operating.
- Any kind of liquid such as water, juice, etc. should be strictly avoided.
- Do not use this amplifier in extreme humidity or heat, or where it may be affected by dust.
- Clean this amplifier with mild detergent, and do not use thinner.
- Use the specific fuse for replacing.

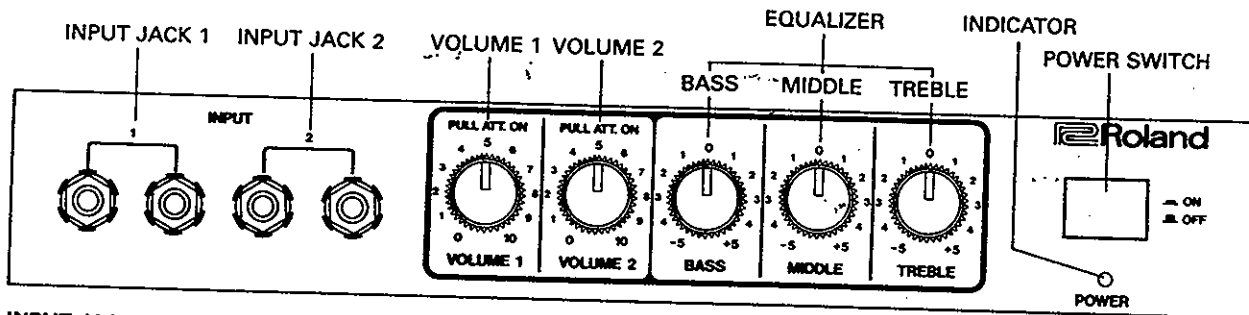
## CONNECTIONS

Recording Equipment



## PANEL DESCRIPTIONS

### Control Panel



#### INPUT JACKS 1, 2

These jacks are to feed the signal from the keyboards. By controlling the Volume Knob 1 and 2, you can mix two input signals at any proportion you like.

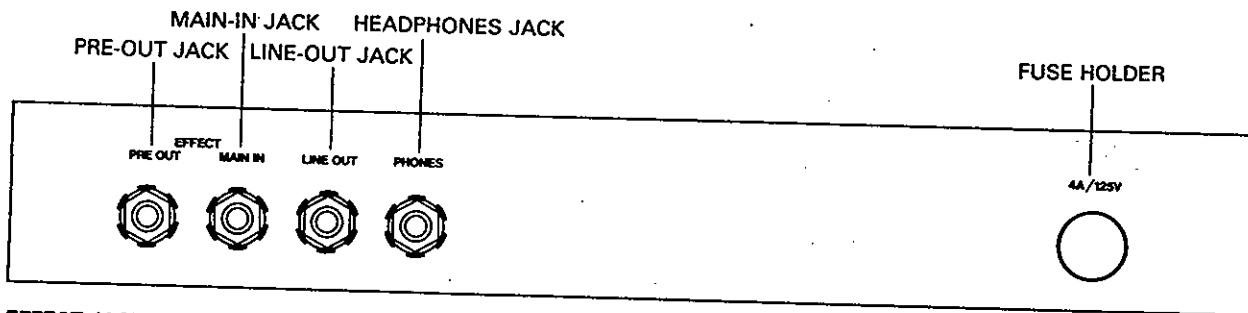
#### VOLUME 1, 2

With the Volume Knobs, individual volume control is possible. When the input signal is too high, pull the knob to instantly attenuate the level. ( $-15\text{dB}$ )

#### EQUALIZER

This section controls the tone of the bass, middle and treble. At the center position, the flat characteristic is obtained.

### Rear Panel



#### EFFECT JACKS

##### PRE-OUT JACK

##### MAIN-IN JACK

These jacks can be effectively used to connect various effect units such as a delay machine, reverb, etc. Connect the Pre-Out to the Input of the effect unit, and connect the Output of the effect unit to the Main-In.

\* Connecting the Main In Jack to the Line-Out (or Pre-Out) of the other keyboard amplifier or PA/audio, the CK-100 will serve as a subordinate amplifier or monitor amplifier. (In this case, however, the knobs on the control panel does not work.)

##### LINE-OUT JACK

This jack can be used for recording, setting up with a second amplifier or feeding the PA, etc.

\* An effect unit cannot be set up between the Line-Out and Main-In jacks.

## IN CASE OF TROUBLE

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If this amplifier does not operate properly, check as shown below. If the trouble cannot be remedied, please contact your nearest service center.

Symptom	Cause	Action to be taken
The Power Indicator does not light and no sound is heard, even if the Power Switch is turned on.	The power cable is not securely connected.	See if the power cable is securely connected.
The Power Indicator lights up, but no sound is heard.	<ul style="list-style-type: none"> <li>• The volume of the amplifier or keyboard is set too low.</li> <li>• There is something wrong with the connection cord.</li> <li>• There is something connected to the Main-In Jack.</li> </ul>	<ul style="list-style-type: none"> <li>• Turn the volume up.</li> <li>• Exchange the cord.</li> <li>• Disconnect the plug from the jack.</li> </ul>
The volume is too low.	<ul style="list-style-type: none"> <li>• The keyboard volume is set too low.</li> <li>• The output selector switch of the keyboard is set to the L (Low level).</li> <li>• The Volume Knob on the CK-100 is pulled and the attenuator functions.</li> <li>• An effect unit is set up between the Pre-Out and the Main-In Jacks with wrong ratio of the input and output.</li> </ul>	<ul style="list-style-type: none"> <li>• Raise the volume to the appropriate level.</li> <li>• Change the switch to H (High level).</li> <li>• Push the Volume Knob to turn the attenuator off.</li> <li>• Adjust the ratio of the input and output to 1:1.</li> </ul>
Hum is heard.	<ul style="list-style-type: none"> <li>• There is something wrong with the connection cord.</li> <li>• There is a device that affects the CK-100.</li> </ul>	<ul style="list-style-type: none"> <li>• Exchange the connection cord.</li> <li>• Change the angle or position of the device.</li> </ul>

## SPECIFICATIONS

<b>Output</b>	100W
<b>Speakers</b>	38cm (15") woofer Mid-range horn Dome tweeter
<b>Controls</b>	Volume 1, 2 (Attenuator when pulled) Bass, Middle, Treble
<b>Input Jacks</b>	-20dBm/56kΩ
<b>Pre-Out Jack</b>	0dBm/1kΩ
<b>Main-In Jack</b>	0dBm/100kΩ
<b>Line-Out Jack</b>	0dBm/1kΩ

<b>Headphones Jack</b>	
<b>Consumption</b>	85W, 320VA (220W)
<b>Dimensions</b>	464 (W) × 753 (H) × 400 (D) mm 18¼" × 29½" × 15¾"
<b>Weight</b>	31kg/68lb 5oz
<b>Accessory</b>	Vynil Cover

<b>OPTIONS</b>	
<b>Headphones</b>	RH-10

\* Specifications are subject to change without notice.

