SUPER CUBE SCL-40,60,100 Roland

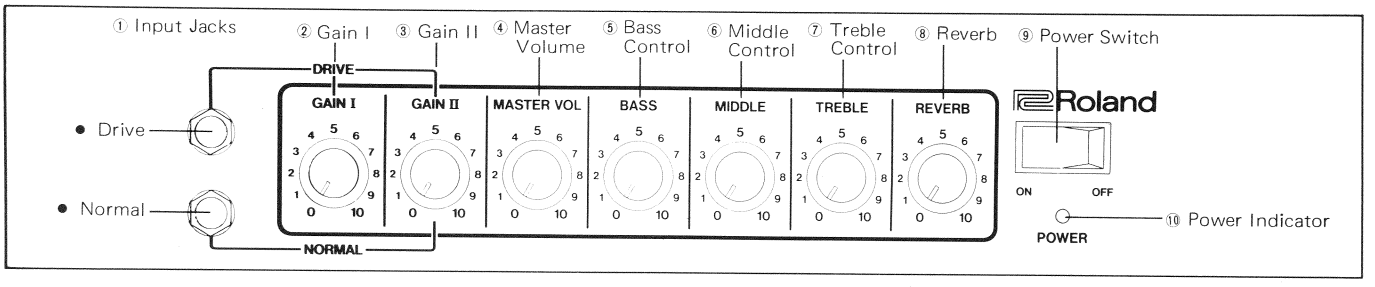
GUITAR AMPLIFIER

FEATURES

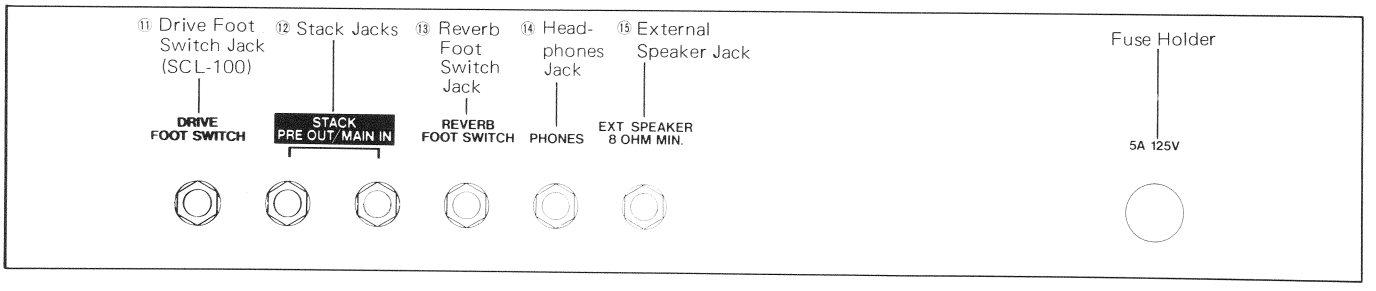
- Featuring a highly efficient speaker in a compact body, the Super Cube allows wide variety of sounds; from clean normal to heavy metalic.
- When using the Drive Input Jack, you are allowd to control three knobs on the panel at a time, therefore, wide variety of sound creation is possible.
- The Stack Jacks allow setup of several Super Cube's.
- The built-in reverb allows natural and clean reverb sounds.

PANEL DESCRIPTION

• Front Panel



• Rear Panel



① **Input Jacks**

• **Drive Input Jack**

If you want heavy metalic sounds, connect your guitar to this jack.

• **Normal Input Jack**

If your guitar features high output, connect it to this jack. Also, use this jack to obtain non-distorted sounds.

② **Gain I**

This knob controls the intensity of the distortion when the Drive Input Jack is used.

③ **Gain II**

When the Drive Input Jack is used, this knob controls the intensity of the distortion just like the Gain I, but when the Normal Input Jack is used, this controls the volume.

④ **Master Volume**

This controls the overall volume.

⑤ **Bass Control**

Rotating this knob clockwise will emphasize low range frequency.

⑥ **Middle Control**

Rotating this knob clockwise will emphasize middle range frequency.

⑦ **Treble Control**

Rotating this knob clockwise will emphasize high range frequency.

⑧ **Reverb**

This adjusts the level of the reverb sound.

⑨ **Power Switch**

⑩ **Power Indicator**

This lamp lights up by power-on.

⑪ **Drive Foot Switch Jack (SCL-100)**

Connect a foot switch to this jack, and you can turn on or off the distortion effect by pressing the pedal. Just note that to benefit this function, your guitar should be connected to the Drive Input Jack. When it is connected to the Normal, pressing the pedal will have no effect.

⑫ **Stack Jacks**

These jacks are provided to stack two or more amplifiers.

⑬ **Reverb Foot Switch Jack**

Connect a foot switch to this jack, and you can turn on or off the reverb effect by pressing the pedal.

⑭ **Headphones Jack**

Connect stereo headphones to this jack, and the sound will be heard only through the headphones. So, this can be effectively used for private listening or sound check during live performance.

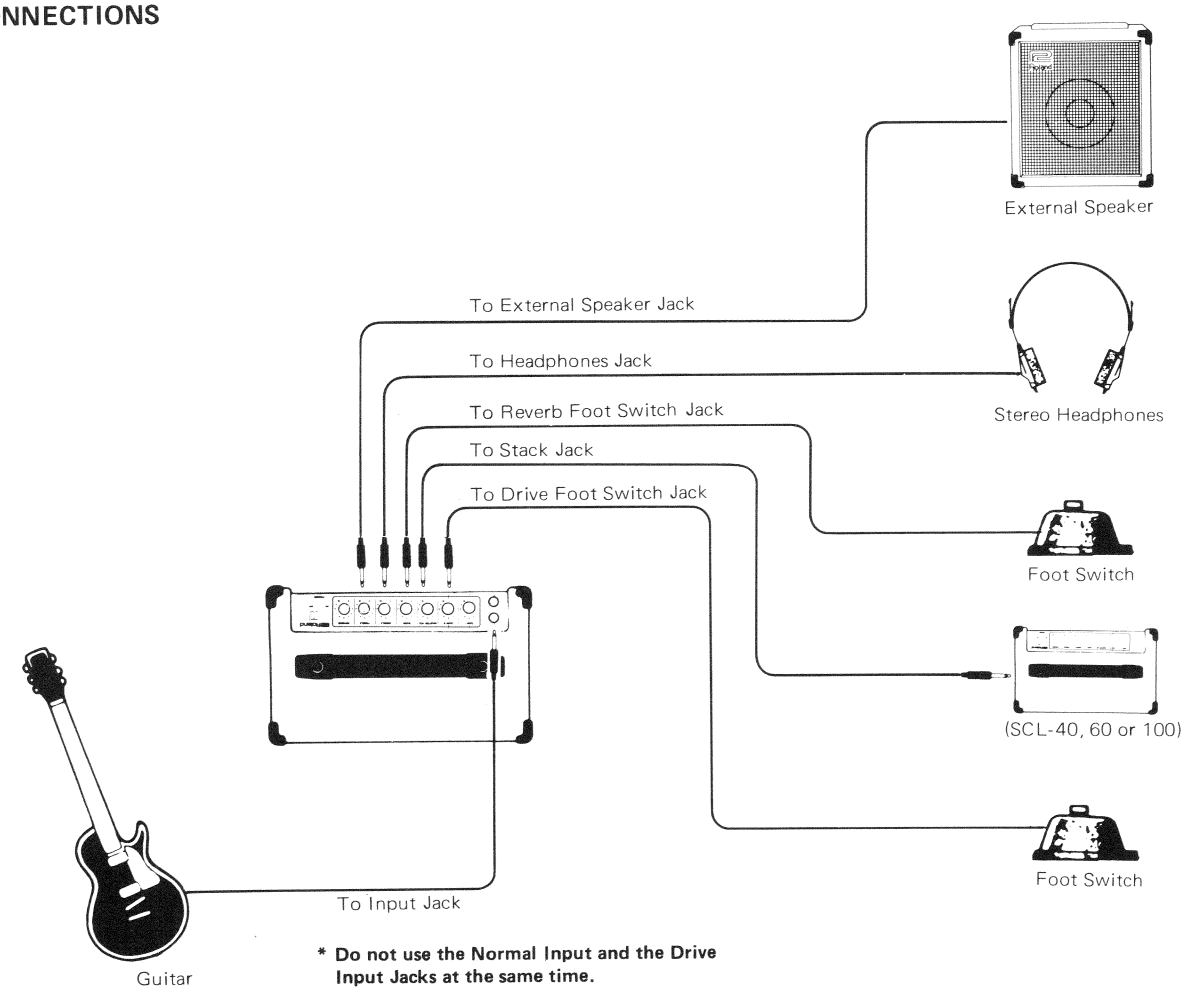
⑮ **External Speaker Jack**

Connect a speaker of over 8Ω impedance, and it will work simultaneously with the built-in speaker.

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 guitar.
- If the reverb volume is set too high, noise may be heard, so turn down the reverb volume or change the position of the amplifier.
- 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 guitar, connect the cord to the guitar first, then to the amplifier. When disconnecting, pull out the cord from the amplifier first and then from the guitar.
- Avoid giving a strong shock to this amplifier, and do not move it while it is operating.
- 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 when replacing.

CONNECTIONS



*** Do not use the Normal Input and the Drive Input Jacks at the same time.**

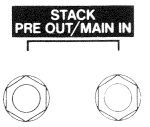
SPECIFICATIONS

	SCL–40	SCL–60	SCL–100
• Output	40W (R.M.S.)	60W (R.M.S.)	100W (R.M.S.)
• Speaker	25cm x 1	30cm x 1	38cm x 1
• Input Jacks			
Drive	–60 dBm / 120 kΩ	–60 dBm / 120 kΩ	–60 dBm / 120 kΩ
Normal	–30 dBm / 1 MΩ	–30 dBm / 1 MΩ	–30 dBm / 1 MΩ
• Controls			
Gain I	○	○	○
Gain II/Volume	○	○	○
Master Volume	○	○	○
Bass	○	○	○
Middle	○	○	○
Treble	○	○	○
Reverb	○	○	○
• Jacks			
Drive Foot Switch			○
Reverb Foot Switch	○	○	○
Stack x 2	0 dBm / 10 kΩ	0 dBm / 10 kΩ	0 dBm / 10 kΩ
Headphones	○	○	○
External Speaker	○	○	○
• Consumption	30W / 96 VA	50W / 165 VA	75W / 255 VA
• Dimensions	335(W) x 375(H) x 229 (D) mm 13-3/16" x 14-3/4" x 9"	379(W) x 435(H) x 269(D) mm 14-15/16" x 17-1/8" x 10-9/16"	439(W) x 508(H) x 299(D) mm 17-5/16" x 20" x 11-3/4"
• Weight	10 kg / 22 lb 1 oz	14 kg / 30 lb 14 oz	22 kg / 48 lb 8 oz
• Accessories	Vinyl Cover	Vinyl Cover	Vinyl Cover

STACK JACKS

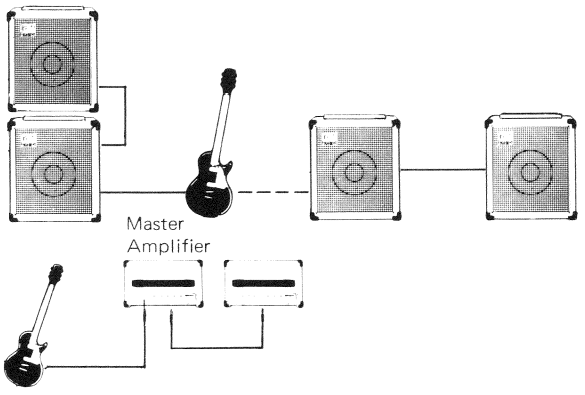
As shown in the figure, connect the guitar to the first Super Cube (Master Amplifier), then connect the first Super Cube to the second one through the Stack Jacks.

* The volume and tone color can only be controlled with the Master Amplifier (= the Super Cube connected to the guitar).

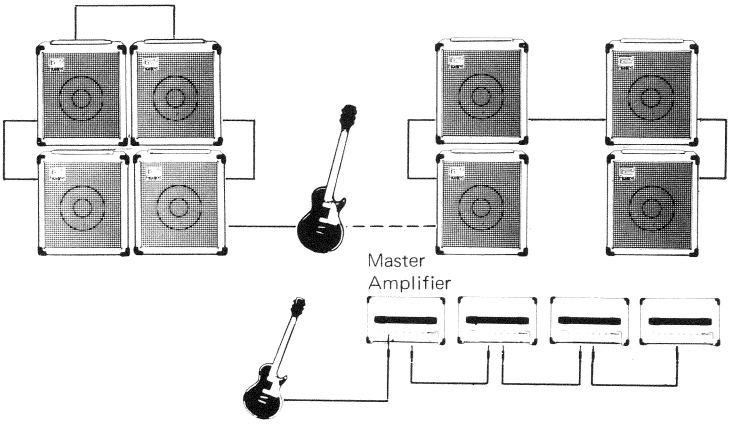


These Stack Jacks are parallel, so you can use either or them.

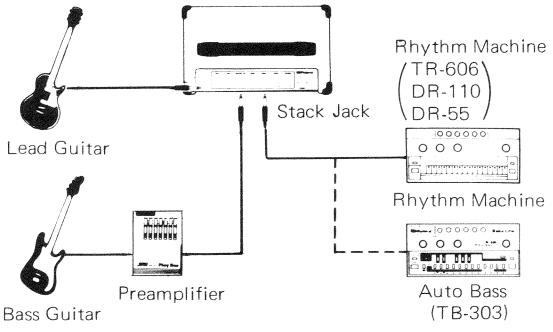
- **Stacking 2 Super Cubes**



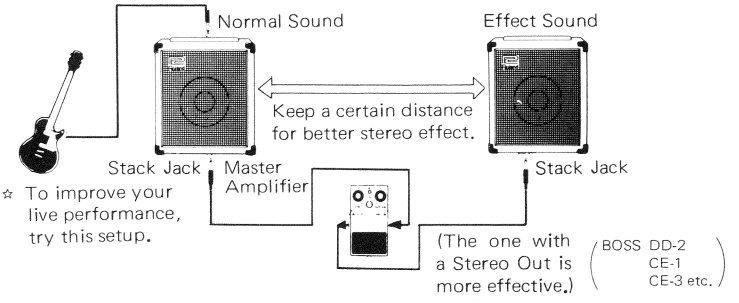
- **Stacking 4 Super Cubes**



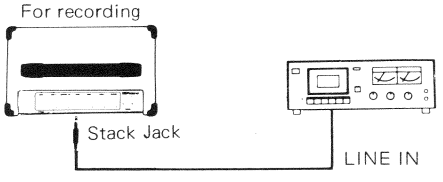
- **Session play with one Super Cube**



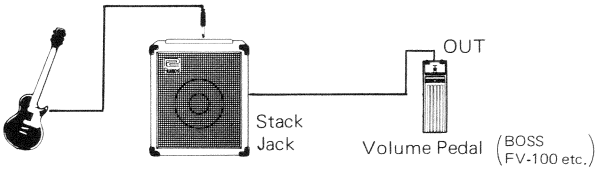
- **Stereo Effect**



- **Using the Stack Jacks as Pre Out.**



- **Using Volume Pedal**



* A Volume Pedal is usually connected to the guitar for volume control. In this case, however, the noise from the amplifier cannot be reduced with the Volume Pedal. By using the Stack Jack, noise can be reduced by lowering the guitar volume with the Volume Pedal.

IN CASE OF TROUBLE

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

Trouble symptom	Cause	Action to be taken
The Power Indicator does not light up and no sound is heard, even if the Power Switch is turned on.	The power cord is not securely connected.	Connect the power cord properly.
The Power Indicator lights up, but no sound is heard.	The Gain or Master Volume is set too low.	Turn the volume up.
Overdrive Effect is not obtained. (SCL-100)	The Foot Switch is not turned on.	Press the Foot Switch to turn the Overdrive on.
Reverb effect is not obtained.	The Reverb volume is too low.	Turn up the level.
	The Foot Switch is turned off.	Press the Foot Switch to turn the Reverb on.

OPTIONS



Stereo Headphones
RH-10



Foot Switch
FS-1



Foot Switch
FS-2

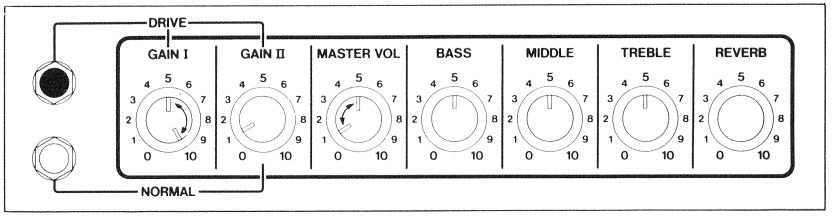


Foot Volume
FV-100

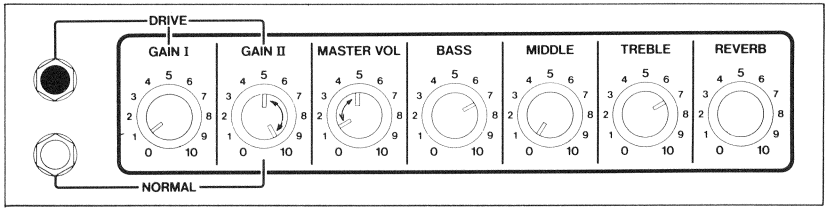
SETTING EXAMPLES

- **Using Drive Input**

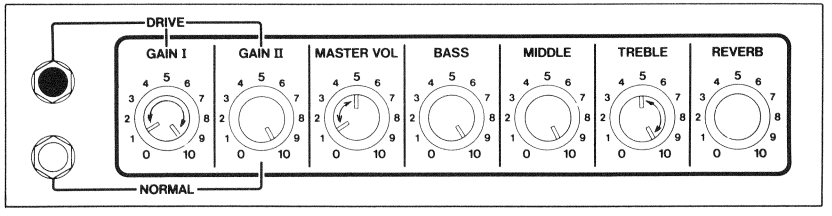
Over Drive Sound



Distortion Sound



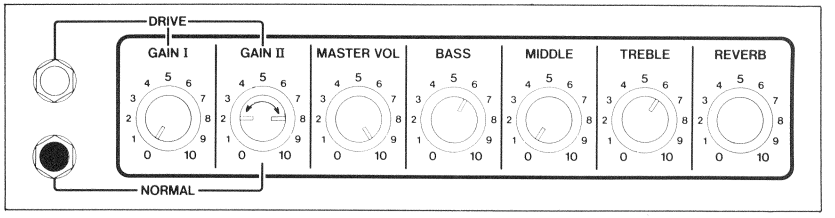
Heavy Metalic Sound



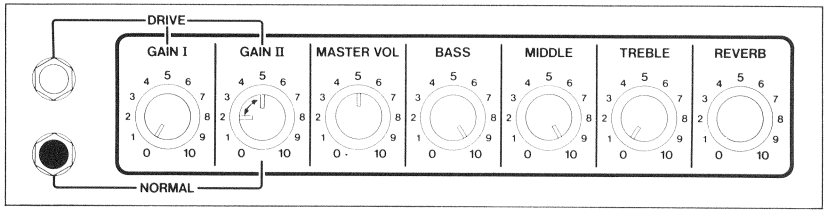
The Gain I Knob controls the intensity of the overdrive effect, therefore changes its sustain time. When using a guitar with single coil pickup (Stratocaster type), set this knob fairly high. If using a guitar with humbacking pickup (Les Paul type), set it low to supress the output power.
The Gain II Knob controls the intensity of distortion effect. The Master Volume controls the overall volume.

- **Using Normal Input**

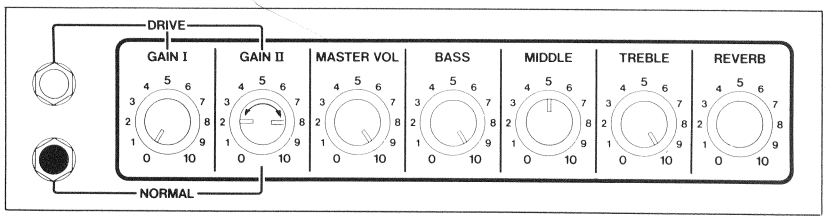
Country, Soul



Jazz



Pops, Fusion



When the Normal Input is used, the Gain I Knob has no effect. Adjust the overall volume by using the Gain II Knob with the Master Volume set to its maximum, so that sound distortion will be considerably reduced.

Roland