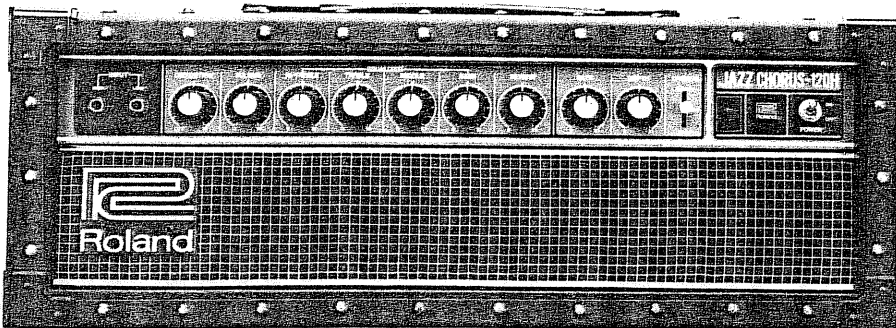


 Roland

GUITAR AMPLIFIER

JAZZ CHORUS

OPERATION MANUAL JC-120H



- Please read the operation manual carefully for proper operation.

FEATURES

- The built-in 4 band equalizer allows even more delicate tone color creation.
- Rich and spacious chorus effect is obtained by combination of the original chorus circuit and twin power amplifier.
- The Roland Guitar Amplifier JC-120H does not include speaker, so that you can set up the one you like.
- The JC-120H adopts hard fiber in the cabinet edge, and polypropylene protector in the corner.
- Featuring Sub In Jack, the JC-120H can give Chorus and Reverb effects.

RADIO AND TELEVISION INTERFERENCE

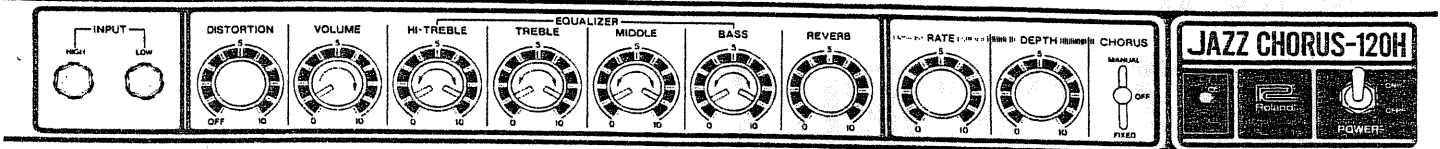
Warning – This equipment has been verified to comply with the limits for a Class B computing device, pursuant to Subpart J, of Part 15, of FCC rules. Operation with non-certified or non-verified equipment is likely to result in interference to radio and TV reception.

The equipment described in this manual generates and uses radio-frequency energy. If it is not installed and used properly, that is, in strict accordance with our instructions, it may cause interference with radio and television reception.

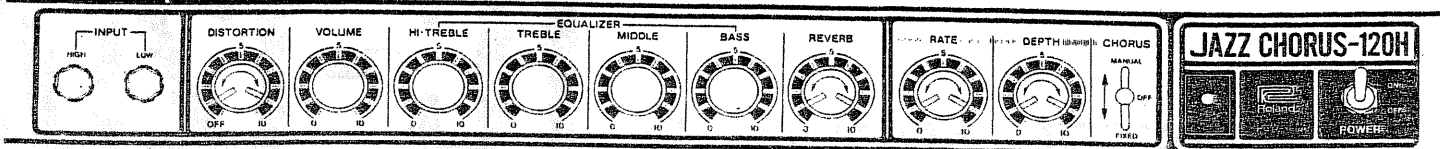
This equipment has been tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J, of Part 15, of FCC Rules. These rules are designed to provide reasonable protection against such a interference in a residential installation. However, there is no guarantee that the interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment on and off, the user is encouraged to try to correct the interference by the following measure:

- Disconnect other devices and their input/output cables one at a time. If the interference stops, it is caused by either the other device or its I/O cable.
These devices usually require Roland designated shielded I/O cables. For Roland devices, you can obtain the proper shielded cable from your dealer. For non Roland devices, contact the manufacturer or dealer for assistance.
 - If your equipment does cause interference to radio or television reception, you can try to correct the interference by using one or more of the following measures:
 - Turn the TV or radio antenna until the interference stops.
 - Move the equipment to one side or the other of the TV or radio.
 - Move the equipment farther away from the TV or radio.
 - Plug the equipment into an outlet that is on a different circuit than the TV or radio. (That is, make certain the equipment and the radio or television set are on circuits controlled by different circuit breakers or fuses.)
 - Consider installing a rooftop television antenna with coaxial cable lead-in between the antenna and TV.
- If necessary, you should consult your dealer or an experienced radio/television technician for additional suggestions. You may find helpful the following booklet prepared by the Federal Communications Commission:
"How to Identify and Resolve Radio-TV Interference Problems"
This booklet is available from the U.S. Government Printing Office, Washington, D.C., 20402, Stock No. 004-000-00345-4.

PANEL ILLUSTRATION OPERATION



Set the control panel as shown above, then while playing the guitar, adjust the Volume and Equalizer Section (Hi-Treble/Treble/Middle/Bass) to your taste.



Adjust the amount of distortion with the Distortion Knob. At the OFF position, there is no distortion effect. As you raise the knob clockwise, the created distortion sound become harder. Here, however, the overall volume will increase as well. So, after setting the Distortion Knob, adjust the volume again with the Volume Knob.

Adjust the reverb effect with the Reverb Knob.

If you want the JC's preset chorus effect, set the Chorus Selector Switch to the FIXED position.

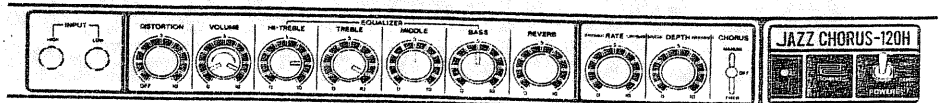
If you wish to make your own chorus sound, set the switch to the MANUAL position, and adjust the rate and depth of the chorus effect to your taste with the Rate and the Depth Knobs. In this case, if the Depth knob is set to zero, the Rate Knob has no effect.

If you do not want chorus effect at all, select the OFF position.

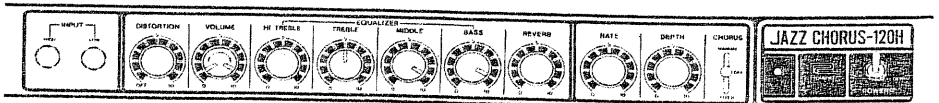
Setting of Equalizer Section

The JC-120H's built-in equalizer allows variable sound creation depending on the type of the musical instrument used.

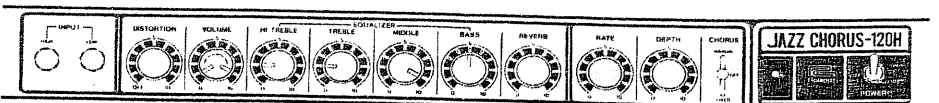
- If using a guitar of humbacking type



- If using a guitar of single coil type

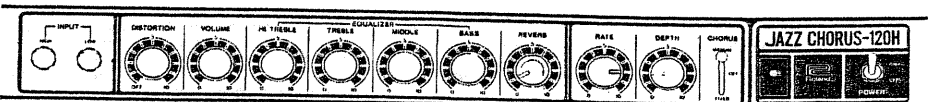


- If using a keyboard (electric piano or organ)

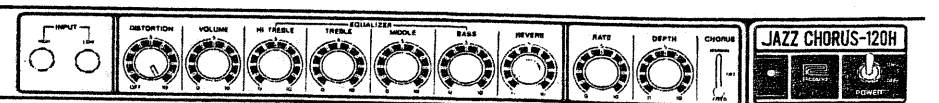


Setting of Effects (Distortion, Reverb and Chorus)

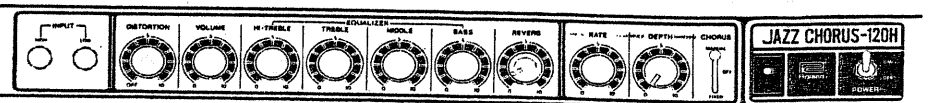
- Chorus as a vibrato effect



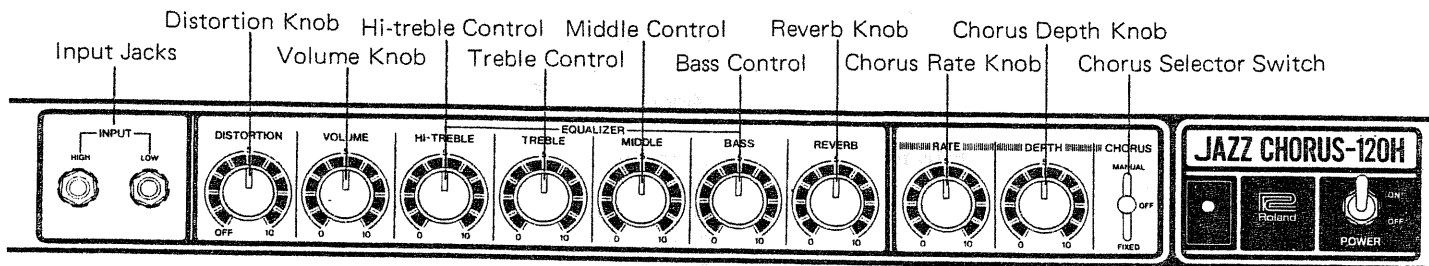
- Unique Distortion + Chorus



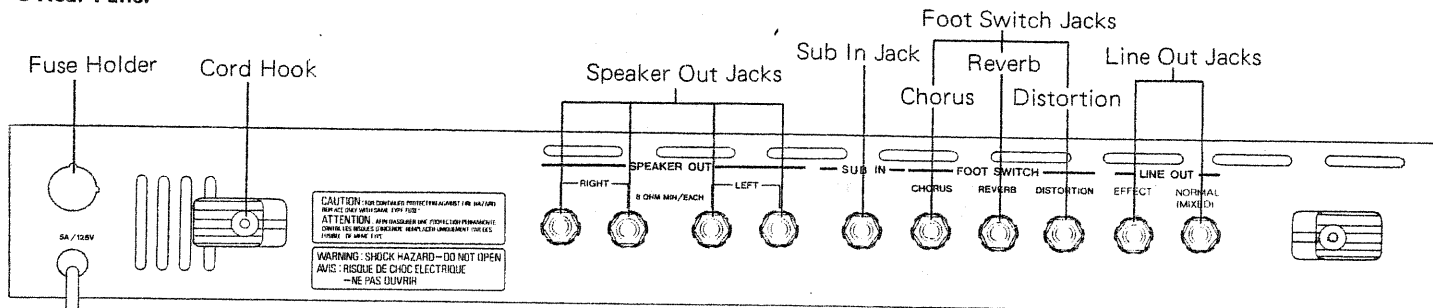
- Short Delay



● Control Panel



● Rear Panel



CONNECTION

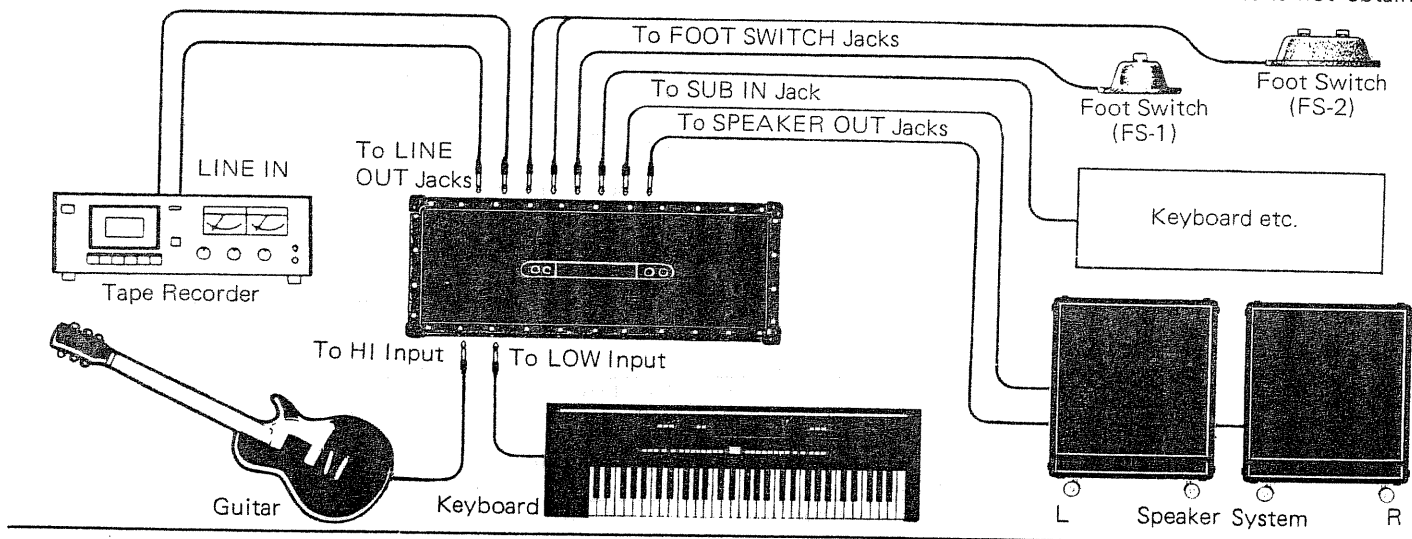
* Use the Line Out Jacks to stack other guitar amplifiers, or to connect a PA mixer or recording equipment. When only the Normal Jack is used, chorus signal which is the mixture of normal and effect signals is sent through the Normal Jack. If, however, both Effect and Normal Jacks are used simultaneously, effect signal is sent through the Effect Jack, while normal signal is sent through the Normal Jack. (If the Chorus Selector Switch is set to OFF, normal signal is sent from both jacks.)

* If using a keyboard, connect it to the Sub in (Post Distortion, EQ & VOL; The input signal is sent to the Chorus and Reverb, then to the main amplifier.) or Low Input Jack.

* The JC-120H is an amplifier that does not include speaker, therefore you can set up the speakers you like and thoroughly enjoy its features.

Note 1) Be sure to set up two speakers (for L and R) with the JC-120H. Otherwise, chorus effect is not obtained.

Note 2) If the speakers are located too far from or near to each other, natural chorus effect is not obtained.



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 connection 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.

SPECIFICATIONS

Output	60W(8Ω) + 60W (8Ω), 80W (4Ω) + 80W (4Ω)
Input Jacks	HI, LOW, (-32 dBm/1MΩ)
Controls	Volume
	Hi-Treble } Treble } 4 Band Equalizer Middle } Bass }
Effects	Distortion Reverb Chorus Rate Chorus Depth
Switch	Chorus Selector Switch
Jacks	Speaker Out (8Ω Min/Each) Sub In (0 dBm/130kΩ) Line Out (0 dBm/2.8kΩ) Distortion Foot Switch Reverb Foot Switch Chorus Foot Switch
Consumption	400 VA
Dimensions	574(W) x 240(H) x 290(D) mm 22-5/8" x 9-7/16" x 11-7/16"
Weight	15.5kg/34 lb 3 oz
Accessories	Vinyl cover

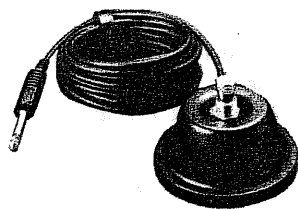
Specifications are subject to change without notice.

IN CASE OF TROUBLE

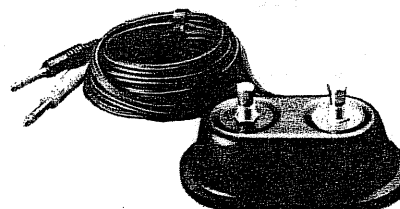
If this amplifier does not operate properly, check as shown right. If the trouble cannot be remedied, please contact your nearest service center.

Sympton	Cause	Action to be taken
The Power Indicator does not light and no sound is heard, even if the Power Switch is turned on.	<ul style="list-style-type: none"> The power cable is not securely connected. The speaker cord is not securely connected. 	<ul style="list-style-type: none"> See if the power cable is securely connected. See if the speaker cord is securely connected.
The Power Indicator lights up, but no sound is heard.	<ul style="list-style-type: none"> The volume of the amplifier or guitar is set too low. There is something wrong with the connection cord. 	<ul style="list-style-type: none"> Turn the volume up. Exchange the cord.
There is no Chorus effect obtained. When the Chorus Selector Switch is set to FIXED	<ul style="list-style-type: none"> The Foot Switch is turned off. Only one speaker is connected. 	<ul style="list-style-type: none"> Press the Foot Switch. Connect the speakers to L and R.
When the Chorus Selector Switch is set to MANUAL	<ul style="list-style-type: none"> The Foot Switch is turned off, or the Depth Knob is set too low. Only one speaker is connected. 	<ul style="list-style-type: none"> Press the Foot Switch, or turn up the Depth Knob. Connect the speakers to L and R.
Hum or noise is heard.	<ul style="list-style-type: none"> There is something wrong with the connection cord. Connections are not securely done. 	<ul style="list-style-type: none"> Exchange the connection cord. See if the cords are securely connected. Connect the power plug upside down.
The volume is too low, and the distortion effect is too weak.	The Low Input Jack is used.	Connect to the High Input Jack.
There is no reverb effect obtained.	The Foot Switch is turned off.	Press the Foot Switch.
There is no distortion effect obtained.	The Foot Switch is turned off.	Press the Foot Switch.

OPTIONS



Foot Switch FS-1



Foot Switch FS-2