

GUITAR AMP SYSTEMS

JC SERIES MODEL **JC-80**

JAZZ CHORUS

INSTRUCTION MANUAL



 Roland

Features

1. The JC-80 is a 60W (R.M.S.) guitar amp, provided with chorus effect for voluminous rich sound and vibrato effect for soft, unique effect obtained through frequency modulation.
2. This amp is provided with three controls (Treble, Middle and Bass) to enable wide-range tone setting, a distortion control producing soft distortion sound and an OCE three-spring type Reverb control which produces clear reverberation effects. With these controls, you can enjoy full tone variation.
3. The JC-80 makes impressive, refined appearance, well integrated with functional design. Solidly built, all corners and edges are fiberglass reinforced and riveted.

Chorus Effect

Chorus effect of the JC series is produced through the use of special IC, which delays original signals; signals delayed have different pitches than the original ones. By mixing these signals, sound is produced in unison—that's chorus effect.

Thus sounds from an electric guitar are softened to give heavy sound never possible with conventional amps, and "wide-spreading" effects.

Terminals at Rear Panel

Foot Switch Jacks

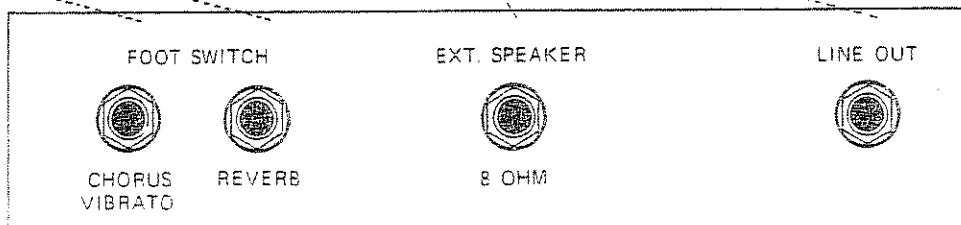
- For Chorus/Vibrato Control
On-Off control of Chorus effect or Vibrato effect can be done via foot switch when the switch is connected to this jack. (Controls one effect which is indicated by the Chorus/Vibrato Change-over Switch at front Panel.)

- For Reverb Control
On-Off control of Reverb effect can be done through foot switch.

External Output Jack

- Jacks for External Speakers
By using 8-ohm external speaker system in combination with the built-in speakers, powerful volume output is obtained.

- Line Out
Use this Line Out when connecting the JC-80 directly to PA mixer or when recording.



Function of Controls

- **Input (High/Low)**

Two input sockets are provided for suitable selection according to electric guitar output to be connected. In general, use "high" socket, but use "low" with electric guitars having large output.

- **Volume Control**

Controls volume.

- **Treble**

- **Middle** **Tone Controls**

- **Bass**

Tone controls for treble, middle and bass enable various tone settings.

- **Distortion Control**

With this control, mild distortion sound is obtained; sounds produced by control setting are distorted without excessive tonal change. Turning the control clockwise deepens the distortion depth.

- **Reverb Control**

Turning it clockwise deepens reverberation effect. On-Off control of reverb effect is done by foot, using foot switch.

- **Vibrato Speed Control**

Controls vibrato effect speed; turning the control clockwise increases the speed.

- **Vibrato Depth Control**

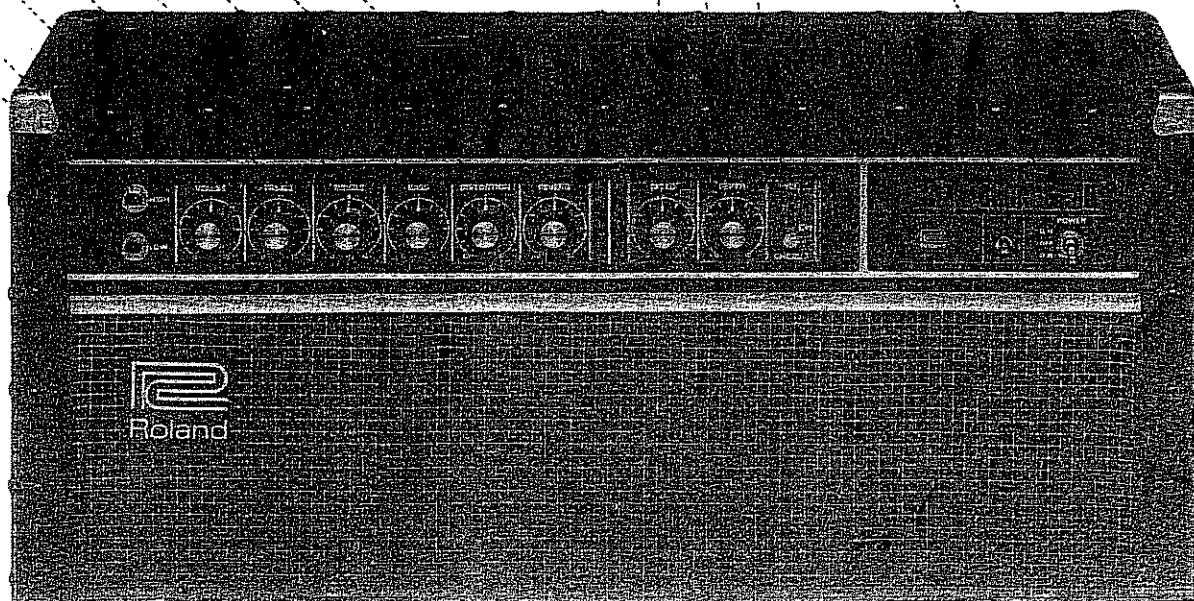
Controls depth of vibrato effect; turning the control clockwise deepens the effect.

- **Chorus/Vibrato Changeover Switch**

This switch provides finger-touch changeover of chorus and vibrato effects as well as ON/OFF. It can also be controlled by pedal when foot switch is connected.

- **Reversing Power Switch**

Center OFF position. Power connections to one of the ON positions are reversed; use the ON position which produces the least amount of hum or noise.



Cautions

- Keep away from florescent lamps, neon lamps, and others which may cause noises. When noises are generated, change the direction of guitar to reduce noises.
- Set the amp volume to OFF when connecting and disconnecting the power cord and connection cord, or the speaker may be damaged. When connecting instrument to the amp, first plug the cord in the instrument, and then plug into the amp. When disconnecting, first un-plug the cord from the amp, and then the one from the instrument.
- Do not give shocks to the amp, since it comprises precision components. And be sure not to transport the amp while the power switch is ON.
- Avoid use in hot and humid places. Periodically clean away dirt and dust.
- Clean the leather on the amp with natural liquid detergent or rubber eraser. Avoid thinner or other organic solvents.
- When replacing fuse, use the one specified by Roland.

JC-80 SPECIFICATIONS

Inputs	High, Low	2
Controls	Volume	1
	Treble	1
	Middle	1
	Bass	1
	Distortion	1
	Reverb	1
	Vibrato Speed	1
	Vibrato Depth	1
	Chorus/Vibrato	
	Changeover Switch	1
Foot Switch Jacks	Power Switch	1
	For Chorus/Vibrato	1
Output Jacks	For Reverb	1
	For EXT. Speaker (8 ohms)	1
Semiconductors	Line Out	1
	Transistors	30
	Diodes	14
	ICs	3
	Zener Diodes	2
Output Power:	FET	1
	Dual FET	1
Power	60W (R.M.S.)	
Consumption:	200VA	
Speaker:	30cm x 1	
Dimensions:	600(W) x 225/255(D)	
	x 600(H)mm	
Weight:	23.6" x 8.9"/10.0" x 23.6"	
Accessory:	22 Kgs (48 lbs.)	
	Vinyl Cover	1

*Specifications are subject to change without notice.



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