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Roland JC-22

Roland JC-22 Jazz Chorus Guitar Amplifier

Model: JC-22 | **Brand:** Roland

1. Introduction

This manual provides essential information for the safe and effective use of your Roland JC-22 Jazz Chorus Guitar Amplifier. Please read it thoroughly before operating the unit and retain it for future reference.

The Roland JC-22 Jazz Chorus is an ultra-compact stereo guitar amplifier designed to deliver the iconic JC clean tone and signature chorus effect. It features a 30-watt stereo power amplifier with dual 6.5-inch speakers, making it suitable for home practice, recording, and small performance environments. The amplifier is engineered to integrate seamlessly with various pedals and multi-effects units.



Image 1.1: Front view of the Roland JC-22 Jazz Chorus amplifier. This image displays the amplifier's compact design, front grille, and control panel.

2. Setup

Follow these steps to set up your JC-22 amplifier:

1. **Unpacking:** Carefully remove the amplifier from its packaging. Retain all packaging materials for potential future transport or storage.
2. **Placement:** Place the amplifier on a stable, level surface. Ensure adequate ventilation around the unit to prevent overheating. Avoid placing it near heat sources or in direct sunlight.
3. **Power Connection:** Ensure the amplifier's POWER switch is in the OFF position. Connect the supplied power cord to the AC IN jack on the rear panel of the amplifier, then plug the other end into a suitable AC outlet.
4. **Instrument Connection:** Connect your guitar or other instrument to the INPUT L/MONO jack on the front panel using a standard 1/4-inch instrument cable. If using a stereo source or two instruments, connect the second instrument to the INPUT R jack.



Image 2.1: Close-up view of the input jacks on the Roland JC-22. This image highlights the L/MONO and R input jacks for instrument connection.

3. Operating Instructions

This section details the functions of the front panel controls.



Image 3.1: Detailed view of the Roland JC-22 front panel controls. This image shows the knobs and switches for volume, tone, effects, and power.

3.1. Power On/Off

- **POWER Switch:** Located on the far right of the front panel. Press to turn the amplifier ON or OFF. The indicator light will illuminate when ON.

3.2. Input Section

- **INPUT L/MONO Jack:** Connect your instrument here. Use this for mono input.
- **INPUT R Jack:** Use this in conjunction with the L/MONO jack for stereo input from effects processors or other stereo sources.
- **BRIGHT Switch:** Toggles between ON and OFF. When ON, it boosts the high frequencies for a brighter tone.

3.3. Amplifier Controls

- **VOLUME Knob:** Adjusts the overall output level of the amplifier.
- **TREBLE Knob:** Adjusts the high-frequency response. Turn clockwise for more treble, counter-clockwise for less.
- **MIDDLE Knob:** Adjusts the mid-frequency response.
- **BASS Knob:** Adjusts the low-frequency response. Turn clockwise for more bass, counter-clockwise for less.

3.4. Effects Section

- **REVERB Knob:** Adjusts the depth of the built-in reverb effect.

- **CHORUS SPEED Knob:** Controls the speed of the stereo chorus effect.
- **CHORUS DEPTH Knob:** Controls the intensity or depth of the stereo chorus effect. Turn fully counter-clockwise to turn the chorus effect OFF.

4. Connecting External Devices

The JC-22 offers various options for connecting external equipment.



Image 4.1: Rear panel connections of the Roland JC-22 amplifier. This image displays the AC input, PHONES, LINE OUT, EFFECT LOOP, and FOOT SWITCH jacks.

4.1. Headphones

- **PHONES Jack:** Connect stereo headphones here for silent practice. Plugging in headphones will mute the amplifier's internal speakers.

4.2. Line Out

- **LINE OUT L/MONO, R Jacks:** These 1/4-inch jacks provide a stereo output signal that can be connected to a mixing console, audio interface, or another amplifier. Use L/MONO for a mono output.

4.3. Effect Loop

The effect loop allows you to insert external effects pedals or processors into the signal path after the preamp section and before the power amplifier.

- **EFFECT LOOP SEND Jack:** Connect this to the input of your external effect unit.
- **EFFECT LOOP RETURN L/MONO, R Jacks:** Connect the output of your external effect unit here. Use L/MONO for a mono return.
- **SERIES/PARALLEL Switch:**
  - **SERIES:** The entire signal passes through the external effect.
  - **PARALLEL:** The original signal and the effected signal are blended. This is often preferred for time-based effects like delay and reverb.

4.4. Footswitch

- **FOOT SWITCH CHORUS/VIBRATO Jack:** Connect an optional footswitch (e.g., BOSS FS-5L, FS-6, FS-7) to toggle the chorus/vibrato effect on/off.
- **FOOT SWITCH REVERB Jack:** Connect an optional footswitch to toggle the reverb effect on/off.

5. Maintenance

Proper maintenance ensures the longevity and optimal performance of your amplifier.

- **Cleaning:** Wipe the exterior with a soft, dry cloth. Do not use abrasive cleaners, waxes, or solvents.
- **Storage:** When not in use for extended periods, store the amplifier in a dry, dust-free environment.
- **Ventilation:** Always ensure the ventilation openings are clear and unobstructed during operation.
- **Transportation:** When moving the amplifier, ensure it is powered off and disconnected from all cables. Use appropriate lifting techniques due to its weight.

6. Troubleshooting

If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound	• Power not connected or switched on. • Instrument cable faulty or not connected. • Volume knob set to minimum. • Headphones connected.	• Check power connection and switch. • Ensure instrument cable is securely connected and functional. • Increase VOLUME knob. • Disconnect headphones.
Weak or distorted sound	• Incorrect input level. • Faulty instrument or cable. • Effect loop issues.	• Adjust instrument output and amplifier volume. • Test with a different instrument or cable. • Bypass effect loop to check if the issue persists.

Problem	Possible Cause	Solution
Chorus effect not working	• CHORUS DEPTH knob set to OFF. • Footswitch connected and disengaged.	• Increase CHORUS DEPTH. • Check footswitch status or disconnect it for testing.

7. Specifications

Key technical specifications for the Roland JC-22 Jazz Chorus amplifier:

- **Output Wattage:** 30 Watts
- **Speakers:** Dual 6.5-inch speakers
- **Item Weight:** 28.6 pounds (12.97 kg)
- **Product Dimensions:** 21.46 x 12.99 x 16.54 inches (54.5 x 33 x 42 cm)
- **Model Number:** JC-22
- **Connectivity:** 6.35mm Jack (Input, Line Out, Effect Loop, Footswitch, Phones)
- **Power Source:** Corded Electric
- **Material:** Durable metal and plastic
- **First Available:** November 16, 2016



Image 7.1: Close-up view of the internal 6.5-inch speakers of the Roland JC-22. This image highlights the "Heavy-Duty Transducer" labeling on the speaker cones.

8. Warranty and Support

For warranty information, product registration, and technical support, please refer to the official Roland website or contact your local Roland distributor. Keep your purchase receipt as proof of purchase for warranty claims.
Online Resources: Visit www.roland.com for the latest product information, software updates, and support documentation.

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