Roland EC-10

Roland EC-10 ELCajon Electronic Layered Cajon User Manual

Model: EC-10
Brand: Roland

1. Introduction

The Roland EC-10 ELCajon is a unique hybrid instrument that combines the authentic sound and feel of an acoustic cajon with the versatility of Roland's electronic percussion technology. This manual provides essential information for setting up, operating, and maintaining your EC-10, ensuring you get the most out of its innovative features.


ELCajon
Electronic Layered
Roland

Image of the Roland EC-10 ELCajon, showcasing its natural wood playing surface and black sides, with the 'ELCajon Electronic Layered Roland' logo and a speaker grille visible.

2. Features

The Roland EC-10 ELCajon offers a range of features designed to enhance your percussion experience:

- Unique hybrid instrument combining an authentic acoustic Cajon with Roland's electronic percussion technology.
- Standard Cajon size (50 x 30 x 30 cm), with quality playing surface made of sapele wood.
- Runs on AC power (cable included) or up to 12 hours of continuous playing time with six AA-size batteries.
- 30 built-in electronic kits for layering with acoustic Cajon sounds.
- Each kit includes two independent sounds that can be triggered from the head and edge of the playing surface.
- Versatile selection of acoustic and electronic percussion sounds to support a wide range of music styles.
- Also includes studio-optimized Cajon sounds to enhance the instrument's acoustic sound, providing additional depth and punch while performing.
- Intuitive panel controls for kit selection, level control, head/edge balance, and more.
- Integrated amplifier and coaxial speaker.

3. Setup

3.1 Unpacking and Initial Inspection

Carefully remove the EC-10 from its packaging. Inspect the unit for any signs of damage. Retain all packaging materials for future transport or storage.

3.2 Powering the EC-10

The EC-10 can be powered using the included AC adapter or six AA-size batteries. For AC power, connect the AC adapter to the DC IN jack on the unit and then to a standard power outlet. For battery power, open the battery compartment, insert six AA batteries, ensuring correct polarity, and close the compartment. The unit can operate for up to 12 hours on batteries.

3.3 Included Components

- Roland EC-10 ELCajon
- AC Power Cable
- Integrated Amplifier and Coaxial Speaker (built-in)
- 6 AA-size Batteries (for initial use)

4. Operating Instructions

4.1 Basic Operation

The EC-10 functions as both an acoustic cajon and an electronic percussion instrument. When played acoustically, it produces the natural sound of a sapele wood cajon.

4.2 Electronic Sounds

The EC-10 features 30 built-in electronic kits. Each kit contains two independent sounds that can be triggered by striking different areas of the playing surface: the head (center) and the edge (upper perimeter).

4.3 Kit Selection

Use the dedicated controls on the panel to browse and select different electronic kits. Refer to the control panel diagram (not included in this manual) for specific button locations.

4.4 Level Control

Adjust the volume of the electronic sounds using the level control knob. This allows you to blend the electronic sounds with the acoustic cajon sound.

4.5 Head/Edge Balance

Some controls may allow you to adjust the balance or sensitivity between the head and edge trigger zones, optimizing response for your playing style.

4.6 Output

The integrated amplifier and coaxial speaker provide sound output. For external amplification or recording, use the 1/4-inch audio output.

5. Maintenance

5.1 Cleaning

Use a soft, dry cloth to clean the exterior of the EC-10. Avoid abrasive cleaners, waxes, or solvents. For the playing surface, a slightly damp cloth can be used, followed by a dry cloth.

5.2 Storage

Store the EC-10 in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity. If storing for an extended period, remove the batteries to prevent leakage.

5.3 Handling

Handle the instrument with care. Avoid dropping or subjecting it to strong impacts, which can damage the internal electronics or the wood structure.

6. Troubleshooting

6.1 No Power

- Ensure the AC adapter is securely connected to both the EC-10 and a working power outlet.
- If using batteries, check that they are correctly inserted and not depleted. Replace with fresh batteries if necessary.
- Verify the power switch is in the 'ON' position.

6.2 No Electronic Sound

- Check the volume level of the electronic sounds. Ensure it is not set to minimum.
- Verify that a kit is selected and not in a 'mute' mode.
- Ensure you are striking the correct areas (head/edge) with sufficient force to trigger the sensors.

6.3 Distorted Sound

- Reduce the volume level. Overdriving the internal speaker or external amplifier can cause distortion.
- Check external cable connections if using an external amplifier.

7. Specifications

Feature	Detail
Item Weight	8.9 Pounds (4.04 kg)
Body Material	Sapele Wood
Product Dimensions (L x W x H)	11.75 x 11.63 x 19.5 inches (29.85 x 29.54 x 49.53 cm)
Batteries	6 AA batteries required
Connector Type	USB Type A, Micro USB
Hardware Interface	1/4-inch Audio
Material Type	Wood
Output Wattage	3 Watts
Color	Natural
Manufacturer	Roland
UPC	750408399069, 761294507667

8. Warranty and Support

For detailed warranty information, product registration, and technical support, please visit the official Roland website or contact Roland customer service.

Roland Global Support Website

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question