

Cort MR500E

Cort MR500E Electro-Acoustic Guitar User Manual

Model: MR500E

1. INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your Cort MR500E Electro-Acoustic Guitar. Please read this guide thoroughly to ensure optimal performance and longevity of your instrument.

2. KEY FEATURES

- **Solid Spruce Top:** Provides a resonant and balanced tone.
- **Mahogany Back and Sides:** Contributes to a warm and rich sound.
- **Mahogany Neck:** Offers stability and comfortable playability.
- **Rosewood Fretboard and Bridge:** Enhances sustain and tonal clarity.
- **Cort CE304T EQ System:** Integrated electronics for amplified sound control, featuring 3-band EQ and a built-in tuner.
- **D'Addario EXP16 Strings:** High-quality phosphor bronze strings for excellent tone and durability.
- **Pearl Rosette:** Aesthetic detailing around the soundhole.

3. SETUP

3.1 Unpacking and Initial Inspection

Carefully remove the guitar from its packaging. Inspect the instrument for any signs of damage that may have occurred during shipping. Retain all packaging materials in case the guitar needs to be transported or returned.

3.2 Tuning

The Cort MR500E is equipped with an onboard Cort CE304T EQ system that includes a built-in tuner. To tune your guitar:

1. Press the 'Tuner' button on the CE304T unit to activate the tuner.
2. Pluck each string individually. The display will show the note being played and indicate if it is sharp or flat.
3. Adjust the tuning pegs until the display shows the correct note in tune (e.g., E, A, D, G, B, E for standard tuning).
4. Press the 'Tuner' button again to deactivate the tuner.

3.3 Connecting to an Amplifier

To amplify your guitar's sound, connect a standard 6.35 mm (1/4 inch) mono phono jack cable from the guitar's output jack (located at the bottom of the guitar) to your amplifier's input. Ensure your amplifier is turned off before connecting or disconnecting the cable to prevent damage to your equipment.



Image 1: Angled view of the Cort MR500E Electro-Acoustic Guitar, showcasing its natural wood finish, soundhole, bridge, and integrated electronics on the upper bout.

4. OPERATING

4.1 Using the Cort CE304T EQ System

The Cort CE304T preamp allows you to shape your amplified tone. It features:

- **Volume Control:** Adjusts the overall output level of the amplified sound.
- **Bass Control:** Boosts or cuts low frequencies for warmth and depth.
- **Middle Control:** Boosts or cuts mid-range frequencies, affecting the guitar's presence and punch.
- **Treble Control:** Boosts or cuts high frequencies for brightness and clarity.
- **Tuner Button:** Activates the built-in chromatic tuner (as described in Section 3.2).

Experiment with these controls to find the sound that best suits your playing style and environment. Start with all EQ controls at the center (flat) position and make small adjustments.



Image 2: Front view of the Cort MR500E Electro-Acoustic Guitar, highlighting the headstock with Cort logo, fretboard, and the full body shape.

5. MAINTENANCE

5.1 Cleaning

- **Body:** Wipe the guitar body with a soft, lint-free cloth after each use to remove sweat and fingerprints. For deeper cleaning, use a guitar-specific polish.
- **Fretboard:** Periodically clean the fretboard with a specialized fretboard cleaner and conditioner to prevent drying and cracking.

- **Strings:** Wipe down strings after playing to extend their life and maintain tone.

5.2 String Replacement

Strings should be replaced regularly, depending on playing frequency and style. Old strings can sound dull and affect intonation. When replacing strings, change them one at a time to maintain neck tension. Use D'Addario EXP16 Phosphor Bronze strings or similar quality strings.

5.3 Humidity Control

Wood instruments are sensitive to changes in temperature and humidity. Store your guitar in a stable environment, ideally between 45-55% relative humidity. Extreme fluctuations can cause damage such as cracking or warping.

5.4 Storage

When not in use, store your guitar in a proper guitar case or gig bag to protect it from dust, impacts, and environmental changes. Avoid leaving the guitar in direct sunlight or near heat sources.

6. TROUBLESHOOTING

- **No Sound When Amplified:**

- Check if the guitar cable is securely connected to both the guitar and the amplifier.
- Ensure the amplifier is turned on and its volume is up.
- Verify that the guitar's volume control on the CE304T EQ is not set to zero.
- Check the battery in the CE304T EQ system. A low battery can cause weak or no signal.

- **Buzzing Strings:**

- Ensure strings are properly seated in the bridge pins and nut slots.
- Check for proper neck relief. This may require professional adjustment.
- Verify that frets are not worn or uneven.

- **Tuning Instability:**

- Ensure strings are stretched properly after installation.
- Check if tuning machine screws are tight.
- Environmental changes (humidity, temperature) can affect tuning stability.

7. SPECIFICATIONS

Feature	Specification
Model	MR500E
Top Material	Solid Spruce
Back & Sides Material	Mahogany (or similar tonewood like Makore)
Neck Material	Mahogany

Feature	Specification
Fretboard Material	Rosewood
Bridge Material	Rosewood
Nut Width	43 mm
Scale Length	643 mm
Number of Strings	6
Strings	D'Addario EXP16 Phosphor Bronze
Electronics	Cort CE304T EQ with Tuner
Output Jack	6.35 mm Mono Phono Jack
Dimensions (L x W x H)	104.1 x 31.8 x 6.1 cm
Weight	2 kg
Color	Natural Wood Finish (Color options may vary)

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official Cort website. If you encounter issues not covered in this manual, contact your authorized Cort dealer or customer service for assistance.