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› Ortega Guitars Performer Series 8-String Acoustic-Electric Nylon Classical Guitar User Manual RCE159-8

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Ortega Guitars Performer Series 8-String Acoustic-Electric Nylon Classical Guitar User Manual

Model: RCE159-8

INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your Ortega Guitars Performer Series 8-String Acoustic-Electric Nylon Classical Guitar, model RCE159-8. Please read this manual thoroughly to ensure optimal performance and longevity of your instrument.



Image: The Ortega Guitars Performer Series 8-String Acoustic-Electric Nylon Classical Guitar, model RCE159-8, shown alongside its included deluxe gig bag. The guitar features a natural wood finish and a cutaway body design.

PRODUCT OVERVIEW

The Ortega Guitars Performer Series RCE159-8 is an 8-string acoustic-electric nylon string guitar designed for enhanced playability and rich tonal qualities. It features a solid North American Cedar top and Walnut back and sides, contributing to its resonant sound. The integrated Ortega MagusGo-8 preamp/pickup system allows for amplified performance.

Key Features:

- **Model:** RCE159-8 - 8-String Acoustic/Electric Nylon String Guitar
- **Top:** Solid North American Cedar
- **Back & Sides:** Walnut
- **Finish:** Natural Gloss
- **Neck:** Mahogany with Natural Gloss Finish
- **Fretboard & Bridge:** Tecwood
- **Binding & Purfling:** Walnut Binding & Maple/ABS Purfling
- **Rosette:** Ortega Signature Walnut/Maple/White Pearl
- **Scale Length:** Full Body 690 mm

- **Body Depth:** 102 mm
- **Nut Width:** 70 mm (78 mm at 14th Fret / 90 mm on Saddle)
- **Frets:** 21
- **Neck Joint:** Spanish Heel with 2-Way Truss Rod
- **Tuning Machines:** Gold Plated with Pearl Buttons
- **Bracing:** Fan Bracing
- **Bridge:** 8-Hole Bridge for improved break angle and string replacement
- **Preamp/Pickup System:** Ortega MagusGo-8
- **Cutaway:** Venetian
- **Strings:** Ortega Guitars OCTA-8NS (Gauges: .029-e / .032-b / .041-g / 031w-d / .037w-A / .046w-E / .060w-B / .083w-E)
- **Included:** Deluxe Gig Bag



Image: Rear view of the Ortega RCE159-8 guitar, showcasing the walnut back and sides with a natural gloss finish and central binding.

SETUP

Unpacking and Inspection:

Carefully remove the guitar from its packaging and the included gig bag. Inspect the instrument for any signs of damage that may have occurred during shipping. If any damage is found, contact your retailer immediately.



Image: Front view of the black and brown deluxe gig bag included with the guitar, featuring the Ortega Guitars logo.

Tuning:

The RCE159-8 is an 8-string classical guitar. The standard tuning for the Ortega Guitars OCTA-8NS strings is: E, B, G, D, A, E, B (low), E (lowest). Use a reliable electronic tuner to accurately tune each string. Due to the nylon strings, new strings may require frequent re-tuning until they stabilize.



Image: A close-up of the guitar's headstock, showing the gold-plated tuning machines with pearl buttons and the Ortega logo.

Truss Rod Adjustment:

Your guitar is equipped with a 2-way truss rod located inside the neck. This allows for adjustment of the neck's relief. Adjustments should only be performed by a qualified guitar technician to prevent damage to the instrument.

OPERATING

Playing the Instrument:

The 8-string configuration offers an extended range for classical and contemporary playing styles. The Venetian cutaway provides easier access to higher frets. Experiment with different fingerpicking and strumming techniques to explore the guitar's tonal capabilities.



Image: A musician seated, playing the Ortega RCE159-8 guitar, demonstrating the instrument in use.

Using the MagusGo-8 Preamp/Pickup System:

The Ortega MagusGo-8 system allows you to amplify your guitar. Locate the controls on the side of the guitar body. This system typically includes volume, tone, and possibly a phase switch or tuner. Refer to the specific MagusGo-8 manual for detailed operation of its features. Ensure a 9V battery is installed for the preamp to function.



Image: A close-up view of the guitar's lower bout, showing the output jack for connecting to an amplifier or PA system.

MAINTENANCE

Cleaning:

Wipe down the guitar body, neck, and strings with a soft, lint-free cloth after each use to remove sweat and oils. For the gloss finish, a guitar-specific polish can be used periodically. Avoid abrasive cleaners or solvents.

String Replacement:

Replace strings regularly to maintain optimal tone and playability. The 8-hole bridge design facilitates easier string replacement and provides a better break angle for improved sound. Use Ortega Guitars OCTA-8NS strings or equivalent nylon classical guitar strings for 8-string instruments.

Humidity Control:

Wood instruments are sensitive to changes in temperature and humidity. Store your guitar in its included gig bag or a hardshell case when not in use. Maintain a stable environment with relative humidity between 45-55% and temperatures between 65-75°F (18-24°C) to prevent warping, cracking, or other damage to the wood.

Battery Replacement:

The MagusGo-8 preamp requires a 9V battery. When the battery level is low, the sound may become distorted or the system may cease to function. Replace the battery promptly when needed.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Guitar won't stay in tune	New strings stretching, improper string winding, tuning machine slippage, environmental changes.	Stretch new strings thoroughly. Ensure strings are properly wound on tuning posts. Check tuning machines for looseness. Maintain stable humidity and temperature.
No sound when plugged in	Dead 9V battery, faulty cable, amplifier issues, preamp malfunction.	Replace 9V battery. Test with a different cable and amplifier. If problem persists, consult a qualified technician.
Buzzing sound from strings	Low action, uneven frets, neck relief issues, worn strings.	Check neck relief (truss rod adjustment by technician). Consider a professional setup. Replace old strings.
Cracks in wood	Extreme changes in humidity or temperature.	Maintain proper humidity and temperature. Consult a luthier for repair.

SPECIFICATIONS

Feature	Detail
Item Weight	9.2 pounds
Product Dimensions	42.5 x 20.25 x 5 inches
Model Number	RCE159-8
Batteries	1 x 9V battery (included)
Back Material	Walnut
Body Material	Walnut
Color Name	White (referring to binding/purfling accents)
Fretboard Material	Techwood
Guitar Pickup Configuration	Piezo
Scale Length	690 mm
String Gauge	Medium
String Material	Nylon
Top Material	Cedar
Neck Material Type	Mahogany
Number of Strings	8
Guitar Bridge System	Fixed (8-hole)
Hand Orientation	Right

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Ortega Guitars website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

Ortega Guitars Official Website: www.ortegaguitars.com