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› Enya X4 PRO Carbon Fiber Acoustic Electric Guitar, 41-Inch Full Size Cutaway Design, AcousticPlus Pickup System with Built-in Effects & Tuner, Includes Deluxe Hard Case, Leather Strap, Cable User Manual

Enya X4 PRO EQ

Enya X4 PRO Carbon Fiber Acoustic Electric Guitar User Manual

Model: X4 PRO EQ

1. INTRODUCTION

Thank you for choosing the Enya X4 PRO Carbon Fiber Acoustic Electric Guitar. This instrument is crafted with a 95% purity carbon fiber composite top, designed to deliver a loud, balanced, and resonant tone. Its carbon fiber construction ensures exceptional durability and resistance to environmental changes, making it an ideal companion for any setting. The integrated AcousticPlus system provides versatile sound shaping with onboard effects and a tuner, enhancing your playing experience.



Figure 1: Enya X4 PRO Guitar with included accessories.

2. SETUP

2.1 Unboxing and Initial Inspection

Carefully remove your Enya X4 PRO guitar from its Deluxe Hard-Shell Case. Inspect the guitar for any visible damage that may have occurred during transit. The package includes the guitar, hard case, leather strap, instrument cable, adjusting wrench, and a USB-C charging cable.

2.2 Charging the AcousticPlus System

The AcousticPlus system is powered by a built-in lithium-ion battery. Before first use, or if the battery indicator is low, connect the guitar to a power source using the provided USB-C charging cable. The system is designed for convenient charging without the need for battery swaps.

2.3 Tuning the Guitar

The Enya X4 PRO comes with a built-in tuner. To activate the tuner, refer to the 'Operating' section for

detailed instructions on the AcousticPlus control panel. Ensure the guitar is in tune for optimal sound quality.



Figure 2: The guitar features 21:1 ratio machine heads for precise tuning.

3. OPERATING

3.1 AcousticPlus Pickup System

The patented AcousticPlus system allows you to add effects directly from your guitar, whether plugged in or unplugged. The control panel is located on the side of the guitar body.

The AcousticPlus®

It includes delay, reverb & chorus function and digital tuner. You've gotta try it out.



Figure 3: AcousticPlus control panel with volume, effects, and tuner display.

- **Volume On/Off:** Use the main volume knob to turn the system on or off and adjust the overall output level.
- **Effects:** The system includes Reverb, Chorus, and Delay. Rotate the dedicated knobs to dial in the desired amount of each effect.
- **Integrated Microphone:** The system features an integrated microphone designed to capture percussive fingerstyle nuances, adding depth to your playing.
- **Built-in Tuner:** Activate the tuner via the control panel. The display will show the note being played, allowing for accurate tuning.

3.2 Elevated Neck Design

The Enya X4 PRO features an elevated neck design. This engineering choice is intentional and allows the soundboard to vibrate more freely by releasing pressure from the 14th fret upwards. This results in enhanced resonance, deeper lows, brighter highs, and an overall richer, more open sound.



Figure 4: Elevated neck design for enhanced resonance.

4. MAINTENANCE

4.1 Carbon Fiber Durability

The Enya X4 PRO's carbon fiber body is highly durable and resistant to environmental factors. It is impervious to warping, cracking, and scratching caused by changes in temperature and humidity. This makes the guitar suitable for various climates and travel.



Figure 5: The guitar's durable carbon fiber construction.

4.2 Cleaning

To clean your guitar, use a soft, lint-free cloth. For stubborn marks, a slightly damp cloth can be used, followed by a dry one. Avoid abrasive cleaners or solvents, as they may damage the finish.

4.3 String Changes

Regularly changing your guitar strings will maintain optimal tone and playability. The guitar comes strung with Phosphor Bronze strings. When changing strings, ensure proper string winding on the tuning pegs and secure seating of the bridge pins.

4.4 Truss Rod Adjustment

The neck of your Enya X4 PRO is reinforced with a stainless steel truss rod and aluminum alloy keel for stability. If you experience issues with string action (height) or neck relief, the truss rod may need adjustment. Use the provided adjusting wrench. Due to the carbon fiber construction, the truss rod may require more turns to show effect compared to traditional wood necks. If you are unsure, it is recommended to consult a qualified guitar technician.



Figure 6: Internal neck structure with truss rod.

5. TROUBLESHOOTING

5.1 High Action or Buzzing

If the string action feels too high or you experience buzzing, first check the neck relief by adjusting the truss rod as described in the Maintenance section. If the issue persists, the saddle height may need adjustment. This typically involves carefully sanding down the bottom of the saddle. It is advisable to seek professional assistance for saddle adjustments if you are not experienced.

5.2 AcousticPlus Output Issues (Quiet/Distorted)

If the AcousticPlus system's output is too quiet or distorted, ensure the battery is fully charged. Check the volume knob on the control panel. Some users have reported that adjusting the output level via a connected app (if available for your model) can resolve these issues. If distortion occurs at high output levels, try reducing the output setting.

5.3 Bridge Pin Alignment

Ensure that the bridge pins are inserted straight and securely. If they appear angled or do not seat properly, gently re-insert them, ensuring the string ball end is correctly positioned against the bridge plate inside the guitar body.

6. SPECIFICATIONS

Feature	Specification
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Feature	Specification
Item Weight	6.3 pounds
Product Dimensions	41 x 41 x 41 inches
Item Model Number	X4 PRO EQ
Batteries	1 Lithium Ion battery required
Back Material	Carbon Fiber
Body Material	Carbon Fiber
Color Name	X4 PRO
Connector Type	USB-C
Fretboard Material	Radius (16") Carbon Fiber
Guitar Pickup Configuration	AcousticPlus Pickup system with onboard tuner and effects
Scale Length	25.75 Inches
String Material	Phosphor Bronze
Top Material	Carbon Fiber
Neck Material Type	Carbon Fiber
Number of Strings	6
Guitar Bridge System	Fixed
Hand Orientation	Right

7. OFFICIAL PRODUCT VIDEOS

7.1 Fingerstyle Cover Demonstration

This video features a beautiful fingerstyle cover by Titusmajormusic, showcasing the acoustic capabilities and tone of the Enya X4 PRO guitar.

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The Enya X4 PRO Carbon Fiber Acoustic Electric Guitar comes with a One-Year Warranty. This warranty covers manufacturing defects and ensures your complete satisfaction and confidence in the product.

8.2 Return and Refund Policy

Enjoy a 30-Day Hassle-Free Return & Refund policy for your peace of mind.

8.3 Additional Support

For further assistance or detailed information, please refer to the official User Guide (PDF) available for download, or visit the Enya Musical store online.

[Download User Guide \(PDF\)](#)

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