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ESP LTD Deluxe EC-1001 Electric Guitar User Manual

Model: EC-1001 | Brand: ESP GUITARS

INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your ESP LTD Deluxe EC-1001 Electric Guitar. Please read it thoroughly to ensure proper use and to maximize the lifespan of your instrument.

The EC-1001 series is designed for professional musicians, offering high-quality tone, feel, and aesthetics. This model features a mahogany body with a flamed maple top, a mahogany neck, Macassar ebony fingerboard, and Fishman Fluence Open Core Classic Humbucker pickups.

KEY FEATURES

- Construction:** Set-Thru neck for enhanced sustain and playability.
- Body:** Mahogany body with a Flamed Maple top, finished in Tiger Eye.
- Neck:** 3-piece Mahogany neck with a satin finish on the back.
- Fingerboard:** Macassar Ebony with 24 extra-jumbo stainless steel frets.
- Bridge:** Tonepros Locking TOM & Tailpiece for stable tuning and intonation.
- Pickups:** Fishman Fluence Open Core Classic Humbuckers (Neck & Bridge).
- Controls:** Push-pull pots for Voice 1 (Tone) and Voice 3 (Neck Volume) selection.
- Strings:** D'Addario XL110 (.010/.013/.017/.026/.036/.046).

SETUP

1. Initial Inspection

Upon unboxing, carefully inspect the guitar for any signs of damage that may have occurred during shipping. Check the finish, hardware, and neck for any visible issues. Ensure all components are securely fastened.



Image 1: Full view of the ESP LTD Deluxe EC-1001 Electric Guitar in Tiger Eye finish. This image displays the overall design, including the flamed maple top, headstock, and bridge.

2. Tuning

The guitar is equipped with locking tuners for enhanced tuning stability. To tune, insert the string through the tuner post, pull it taut, and then tighten the locking screw on the back of the tuner. Wind the string a maximum of 1-2 times around the post before tuning to pitch. Use a reliable electronic tuner for accuracy. Standard tuning is E-A-D-G-B-e.

3. Connecting to an Amplifier

Connect one end of a standard 1/4-inch instrument cable to the output jack located on the side of the guitar body. Connect the other end of the cable to the input of your amplifier. Ensure your amplifier's volume is set to a low level before powering it on to prevent sudden loud noises.

OPERATING THE GUITAR

1. Controls Overview



Image 2: Close-up view of the guitar's body, highlighting the control knobs and pickup selector switch. This image shows the two humbucker pickups and the three control knobs.

- **Volume Knobs:** Two independent volume controls, one for the neck pickup and one for the bridge pickup.
- **Tone Knob:** One master tone control for both pickups. This knob also features a push-pull function.
- **Pickup Selector Switch:** A 3-way toggle switch to select between the neck pickup, bridge pickup, or both.
 - **Up Position:** Neck Pickup
 - **Middle Position:** Both Neck and Bridge Pickups
 - **Down Position:** Bridge Pickup

2. Fishman Fluence Pickup Voicings

The Fishman Fluence Open Core Classic Humbucker pickups offer multiple voicings for sonic versatility:

- **Voice 1 (Modern Active):** Pull the *Tone Knob* to activate. This voice provides a tight, articulate, and high-output sound, ideal for modern rock and metal.
- **Voice 2 (Passive Attack):** Push the *Tone Knob* in. This is the standard passive-like voice, offering a dynamic and organic tone with excellent clarity.
- **Voice 3 (Single Coil):** Pull the *Neck Volume Knob* to activate. This voice provides a clear, bright single-coil sound, suitable for clean tones or blues.

Experiment with these voicings and the pickup selector to find your desired sound.

MAINTENANCE

1. Cleaning

- **Body and Neck:** Use a soft, lint-free cloth to wipe down the body and neck after each use to remove sweat and fingerprints. For a deeper clean, use a guitar-specific polish or cleaner sparingly.
- **Fretboard:** The Macassar Ebony fretboard should be conditioned periodically (every 3-6 months, depending on climate and use) with a fretboard conditioner to prevent drying and cracking.
- **Hardware:** Wipe down bridge, tuners, and other metal parts to prevent corrosion.

2. String Replacement

Strings should be replaced regularly, typically every 1-3 months depending on playing frequency and sweat acidity. Old strings can negatively impact tone and tuning stability. When replacing strings, change them one at a time to maintain neck tension. Refer to the "Tuning" section for proper use of the locking tuners.

3. General Care

- Store the guitar in a stable environment, avoiding extreme temperature and humidity fluctuations.
- When not in use, store the guitar in a case or on a stand to protect it from accidental damage.
- Avoid exposing the guitar to direct sunlight for extended periods.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No Sound	◦ Cable not fully inserted ◦ Amplifier off or volume low ◦ Pickup selector in wrong position ◦ Battery for active pickups drained	◦ Ensure cable is fully seated ◦ Check amplifier power and volume ◦ Adjust pickup selector ◦ Replace 9V battery (located in the control cavity)
Buzzing/Humming	◦ Poor grounding ◦ Loose cable connection ◦ Interference from other electronics ◦ Action too low (fret buzz)	◦ Check cable connections ◦ Try a different power outlet for amplifier ◦ Adjust string action (professional setup recommended)
Tuning Instability	◦ Old strings ◦ Improper string winding ◦ Nut friction	◦ Replace strings ◦ Ensure strings are properly seated in locking tuners ◦ Apply graphite to nut slots (professional setup recommended)

SPECIFICATIONS

Feature	Detail
Construction	Set-Thru
Body Material	Mahogany
Top Material	Flamed Maple
Neck Material	3Pc Mahogany
Fretboard Material	Macassar Ebony
Number of Frets	24 Extra-Jumbo Stainless Steel
Bridge	Tonepros Locking TOM & Tailpiece
Neck Pickup	Fishman Fluence Open Core Classic Humbucker Black

Feature	Detail
Bridge Pickup	Fishman Fluence Open Core Classic Humbucker Black
Controls	Volume (Neck), Volume (Bridge), Tone (Push/Pull for Voice 1), 3-Way Toggle Switch, Push/Pull Neck Volume for Voice 3
Strings	D'Addario XL110 (.010/.013/.017/.026/.036/.046)
Color Name	Tiger Eye
Item Weight	1 pounds (Note: This is likely a shipping weight, actual guitar weight may vary)
Product Dimensions	42 x 18 x 4 inches
Model Number	LEC1001FMTEF
ASIN	B0936D24XY

WARRANTY AND SUPPORT

For information regarding warranty coverage and technical support, please refer to the official ESP GUITARS website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

Official Website: www.espguitars.com

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