

## ESP GUITARS EC-1000

# ESP LTD EC-1000 Electric Guitar Instruction Manual

**MODEL: EC-1000**

**Brand: ESP GUITARS**

## 1. INTRODUCTION

Thank you for choosing the ESP LTD EC-1000 Electric Guitar. This instrument is designed for high-performance and features a classic single-cut design with modern amenities. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your guitar to ensure optimal performance and longevity.

The EC-1000 combines traditional craftsmanship with contemporary features, including a mahogany body, set-thru construction, and advanced Fishman Fluence Modern Humbucker active pickups. Please read this manual thoroughly before using your instrument.

## 2. KEY FEATURES

- **Body:** Mahogany with multi-ply binding
- **Neck:** Three-piece fully-bound mahogany, set-thru construction
- **Fretboard:** Macassar Ebony with ESP flag inlays, 24 extra-jumbo stainless steel frets
- **Scale Length:** 24.75 inches
- **Pickups:** Fishman Fluence Modern Humbucker (Ceramic bridge, Alnico neck) with push-pull voicing control
- **Bridge:** TonePros locking TOM bridge and tailpiece
- **Tuners:** LTD locking tuners
- **Hardware:** Gold finish



Image 2.1: Angled front view of the ESP LTD EC-1000 Electric Guitar, showcasing its black finish, gold hardware, and fretboard inlays.

## 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. Ensure all components, including the EC GUITAR FORM FIT CASE and D'Addario XL110 strings, are present.

### 3.2 Stringing and Tuning

Your EC-1000 comes with D'Addario XL110 strings. If new strings are required, install them carefully, ensuring they are properly seated in the LTD locking tuners and the TonePros locking TOM bridge. Tune the guitar to standard EADGBE tuning using a reliable tuner.

### 3.3 Battery for Active Pickups

The Fishman Fluence active pickups require a 9V battery for operation. The battery compartment is typically located on the back of the guitar. Ensure a fresh battery is installed before use. A depleted battery will result in no sound or distorted output.





Image 3.1: Rear view of the ESP LTD EC-1000 Electric Guitar, showing the control cavity and battery compartment access.

### **3.4 Connecting to an Amplifier**

Connect your guitar to an amplifier using a standard 1/4" (6.35mm) instrument cable. Ensure the amplifier is turned off or at a low volume before connecting or disconnecting the cable to prevent sudden loud noises.

## **4. OPERATING THE GUITAR**

### **4.1 Controls Overview**

The EC-1000 features standard electric guitar controls:

- **Volume Knob:** Controls the overall output level of the guitar.
- **Tone Knob:** Adjusts the treble frequencies. Turning it clockwise increases treble, counter-clockwise decreases it.
- **3-Way Pickup Selector Switch:**
  - **Up Position:** Activates the neck pickup.
  - **Middle Position:** Activates both neck and bridge pickups.
  - **Down Position:** Activates the bridge pickup.





Image 4.1: Front view of the ESP LTD EC-1000 Electric Guitar, highlighting the control knobs and pickup selector switch.

## 4.2 Fishman Fluence Pickup Voicings

The Fishman Fluence Modern Humbucker pickups offer two distinct voicings, accessible via push-pull functionality on the tone knobs:

- **Ceramic Bridge Pickup:**
  - **Voice 1 (Push):** High-output ceramic humbucker tone with crisp, searing crunch and tight bass.
  - **Voice 2 (Pull):** Modern passive attack performance with organic distortion characteristics and outstanding dynamics.
- **Alnico Neck Pickup:**
  - **Voice 1 (Push):** Modern active high-output tone, offering a full, round, and boosted sound with articulation.
  - **Voice 2 (Pull):** Crisp, clean, and fluid neck humbucker tone.

Experiment with these voicings to find the perfect sound for your playing style and musical context.

## 5. MAINTENANCE

### 5.1 Cleaning

Regularly wipe down your guitar with a soft, lint-free cloth after each use to remove sweat, oils, and dust. For the glossy black finish, use a guitar-specific polish sparingly. Clean the gold hardware with a soft, dry cloth to maintain its luster and prevent tarnishing.

### 5.2 String Replacement

Strings should be replaced regularly, depending on playing frequency and personal preference. Worn or corroded strings can negatively affect tone and tuning stability. When replacing strings, change them one at a time to maintain neck tension.

### 5.3 Fretboard Care

The Macassar ebony fretboard should be cleaned periodically. Use a fine-grade steel wool (0000) to gently

clean the fretboard and frets, moving with the grain. After cleaning, apply a small amount of lemon oil or a dedicated fretboard conditioner to prevent drying and cracking. Avoid over-oiling.

## 5.4 Storage

When not in use, store your ESP LTD EC-1000 in its EC GUITAR FORM FIT CASE to protect it from dust, humidity changes, and physical damage. Avoid exposing the guitar to extreme temperatures or sudden temperature fluctuations.

## 6. TROUBLESHOOTING

### 6.1 No Sound Output

- Check if the amplifier is on and properly connected.
- Ensure the instrument cable is securely plugged into both the guitar and the amplifier.
- Verify that the guitar's volume knob is turned up.
- Check the 9V battery for the active pickups. Replace if necessary.

### 6.2 Excessive Buzzing or Hum

- Ensure all cable connections are secure.
- Check for proper grounding in your electrical outlet and amplifier.
- Adjust pickup height if they are too close to the strings.
- If the buzzing is fret-related, a professional setup may be required.

### 6.3 Tuning Instability

- Ensure strings are properly stretched after installation.
- Check that strings are correctly wound around the LTD locking tuners.
- Verify that the TonePros locking TOM bridge components are secure.
- Extreme temperature or humidity changes can affect tuning; allow the guitar to acclimate.

## 7. SPECIFICATIONS

| Feature                     | Specification             |
|-----------------------------|---------------------------|
| Item Weight                 | 10 pounds                 |
| Product Dimensions          | 48 x 18 x 8 inches        |
| Item Model Number           | LEC1000BLKF               |
| Back Material               | Mahogany                  |
| Body Material               | Mahogany                  |
| Color Name                  | Black                     |
| Connector Type              | 1/4" (6.35mm) Audio Jack  |
| Fretboard Material          | Ebony Wood                |
| Guitar Pickup Configuration | H-H (Humbucker-Humbucker) |

| Feature              | Specification |
|----------------------|---------------|
| Scale Length         | 24.75 Inches  |
| String Material      | Nickel        |
| Top Material         | Mahogany Wood |
| Neck Material Type   | Mahogany      |
| Number of Strings    | 6             |
| Guitar Bridge System | Tune-O-Matic  |
| Hand Orientation     | Right         |

## 8. WARRANTY AND SUPPORT

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Your ESP LTD EC-1000 Electric Guitar is covered by a manufacturer's warranty against defects in materials and workmanship. Please refer to the warranty card included with your purchase or visit the official ESP GUITARS website for detailed warranty terms and conditions.

For technical support, service, or any questions not covered in this manual, please contact ESP GUITARS customer service directly. Contact information can typically be found on their official website or in the documentation provided with your guitar.