

## Electro-Voice ELE EVERSE8US

# Electro-Voice EVERSE 8 Loudspeaker User Manual

Portable 8" 2-Way Battery Powered Loudspeaker with Bluetooth

## 1. INTRODUCTION

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Welcome to the user manual for your new Electro-Voice EVERSE 8 Loudspeaker. The EVERSE 8 is a state-of-the-art, battery-powered, 8-inch, two-way loudspeaker designed to deliver exceptional audio performance in a highly portable and weatherized package. It combines decades of Electro-Voice engineering expertise with the latest technological advancements to provide a truly wireless and versatile audio experience.

This manual provides essential information for setting up, operating, and maintaining your EVERSE 8 loudspeaker, ensuring you get the most out of its advanced features, including Bluetooth audio streaming and control, automatic feedback suppression, and music ducking.



Figure 1.1: The EVERSE 8, a weatherized battery-powered loudspeaker with Bluetooth audio and control.

## 2. SETUP

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### 2.1 Unboxing and Initial Inspection

Carefully remove all components from the packaging. Verify that the following items are included:

- EVERSE 8 Loudspeaker
- Power Cable
- Battery Pack
- Weatherized Input Cover

- User Manual (this document)

Inspect the loudspeaker for any signs of damage during transit. If any damage is found, contact your dealer immediately.

## **2.2 Charging the Battery**

The EVERSE 8 is powered by a custom-designed high-capacity Li-ion battery pack. For optimal performance and longevity, fully charge the battery before first use.

1. Ensure the power switch on the rear panel is in the OFF position.
2. Connect the supplied power cable to the MAINS IN port on the rear panel and then to a suitable AC power outlet.
3. The battery charging indicator will illuminate. A full charge typically takes several hours. The battery provides up to 12 hours of run time depending on usage.

## **2.3 Powering On/Off**

To power on the EVERSE 8, flip the power switch on the rear panel to the ON position. The QuickSmartDSP display will illuminate, indicating the unit is ready for operation. To power off, flip the switch back to the OFF position.



Figure 2.1: Rear panel of the EVERSE 8, showing power input and various audio connections.

## 2.4 Placement Options

The EVERSE 8 offers flexible placement options to suit various applications:

- **Tripod Mount:** For a longer throw and wider coverage, mount the EVERSE 8 on a standard speaker tripod using the integrated pole mount socket on the bottom.
- **Stage Wedge:** Place the loudspeaker long-side down at a 55° monitor angle for use as a stage monitor.
- **Kick-back Angle:** Use the 30° kick-back angle when placing the unit upright on the floor to project sound upwards from the performance area.



Figure 2.2: Bottom view of the EVERSE 8, highlighting the integrated pole mount for tripod use.

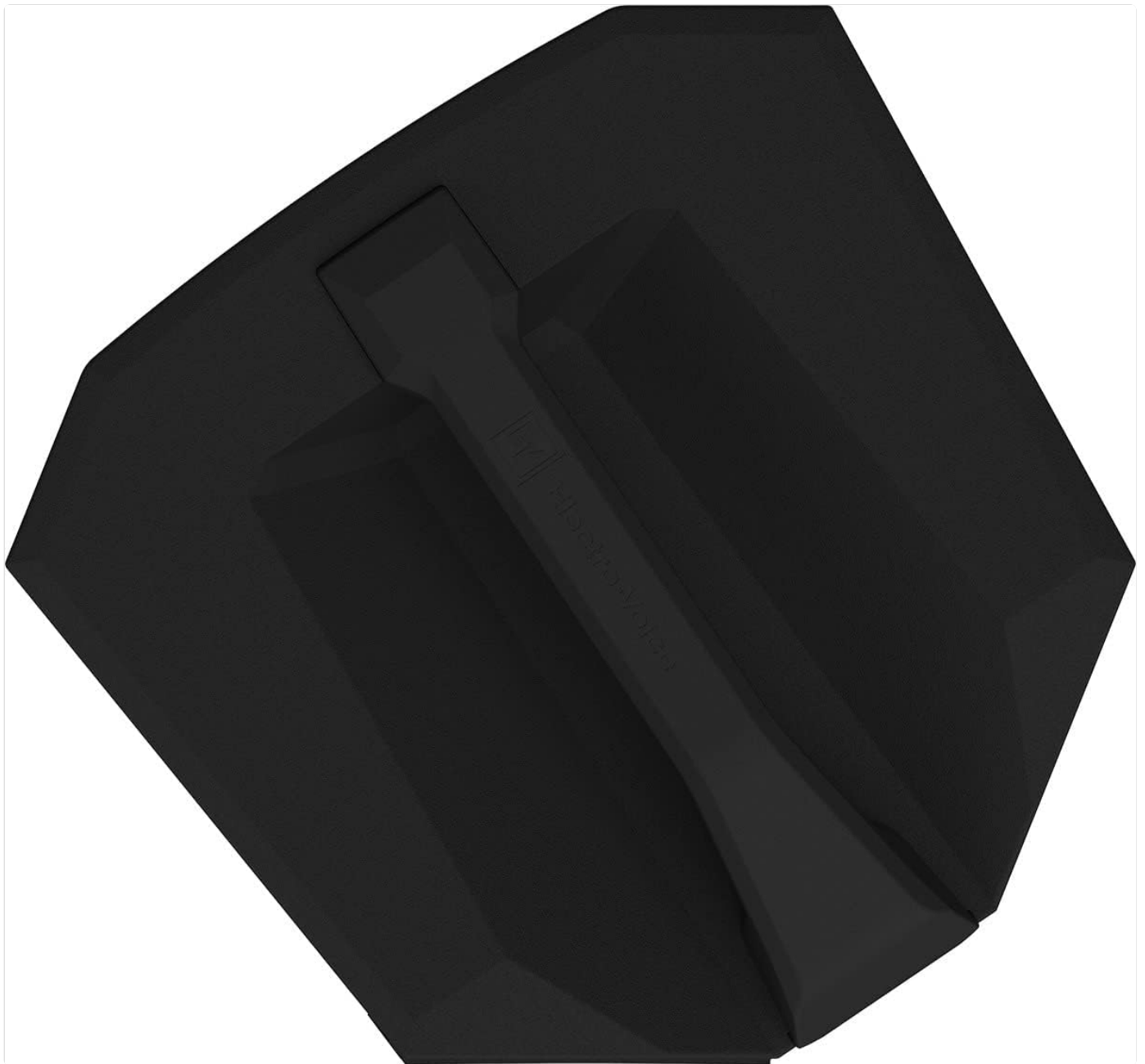


Figure 2.3: The EVERSE 8 can be positioned at a kick-back angle for upward sound projection.

## 2.5 Connecting Audio Sources

The EVERSE 8 features a versatile input panel:

- **Inputs 1 & 2:** Combo XLR/TRS jacks for microphones or line-level instruments. Input 1 offers 48V switchable phantom power for condenser microphones. Input 2 is Hi-Z compatible for direct instrument connection.
- **Input 3/4:** Stereo 3.5mm input for connecting external audio devices.
- **Bluetooth:** For wireless audio streaming from compatible devices.

## 2.6 Bluetooth Pairing

To pair a Bluetooth device for audio streaming:

1. Press and hold the Bluetooth pairing button on the Input 3/4 section of the rear panel until the Bluetooth indicator flashes.
2. On your mobile device, search for "EVERSE 8" in the Bluetooth settings and select it to pair.
3. Once paired, the indicator will glow solid blue.

For true wireless stereo (TWS) streaming with a second EVERSE 8 unit, refer to the detailed instructions in the

QuickSmart Mobile app or the full user manual.



Figure 2.4: Detailed view of the EVERSE 8 control panel, showing inputs and Bluetooth pairing button.

## 3. OPERATING

### 3.1 QuickSmartDSP and Master Volume

The EVERSE 8 features an integrated QuickSmartDSP module, developed in collaboration with Dynacord, providing professional-grade audio processing. The Master Volume knob controls the overall output level of the loudspeaker. Push the knob to access and navigate the DSP menu for advanced settings.





Figure 3.1: The QuickSmartDSP display and Master Volume knob for comprehensive control.

### 3.2 Input Controls and Features

- **Input Gain:** Adjust the gain for each input channel using the dedicated controls on the rear panel or via the QuickSmart Mobile app.
- **Mix Out:** An XLR output allows you to send the mixed audio signal to another EVERSE 8 unit or an external mixer.
- **Footswitch:** Connect an optional footswitch for remote control of certain DSP functions (e.g., effects mute).
- **DC Power Out:** A 12V DC port provides convenient power for wireless microphone systems, eliminating the need for separate power supplies.
- **USB Charging:** A charging port is included for mobile devices, allowing you to top up your phone or tablet while streaming.

### 3.3 DSP Functions

The QuickSmartDSP offers a range of professional features:

- **EQ:** Built-in four-channel digital mixer with studio-quality effects and processing. Adjust equalization for each input to tailor the sound to your environment and source.
- **Effects:** Access a variety of studio-quality effects to enhance vocals and instruments.
- **Automatic Feedback Suppression (AFS):** This feature automatically detects and eliminates feedback, ensuring clear and stable audio.
- **Music Ducking:** Automatically lowers the music volume when a microphone signal is detected, ideal for announcements or spoken word over background music.

### 3.4 QuickSmart Mobile App

For best-in-class control and streaming, download the QuickSmart Mobile app for iOS and Android devices. The app

provides comprehensive control over all audio, effects, and mix functions of your EVERSE 8 from your smartphone or tablet.



Figure 3.2: Control your EVERSE 8 wirelessly using the QuickSmart Mobile app.

## 4. MAINTENANCE

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### 4.1 Battery Care and Storage

To maximize the lifespan of your Li-ion battery pack:

- Avoid fully discharging the battery frequently.
- For long-term storage, charge the battery to approximately 50% and store it in a cool, dry place.
- The battery pack is designed for easy removal with tool-free screws, allowing for convenient replacement if needed.

### 4.2 Cleaning

The EVERSE 8 features an IP43-rated weatherized design, making it resistant to splashes and light rain. To clean the unit:

- Use a soft, damp cloth to wipe down the polypropylene enclosure.
- Do not use abrasive cleaners or solvents.
- Ensure the weatherized input cover is properly installed when using the unit in wet conditions to maintain its IP43 rating.





Figure 4.1: The EVERSE 8 is designed to withstand light rain and splashes.

## 5. TROUBLESHOOTING

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This section addresses common issues you might encounter with your EVERSE 8 loudspeaker. For more detailed troubleshooting, refer to the QuickSmart Mobile app or the comprehensive user manual available on the Electro-Voice website.

### 5.1 No Sound Output

- **Power:** Ensure the unit is powered on and the battery is charged or connected to AC power.
- **Volume:** Check the Master Volume knob and individual input gain controls.
- **Input Connection:** Verify that audio sources are correctly connected to the appropriate inputs (XLR, TRS, 3.5mm, or Bluetooth).
- **Mute:** Check if any channels or the master output are muted via the DSP or QuickSmart Mobile app.

### 5.2 Bluetooth Connection Issues

- **Pairing Mode:** Ensure the EVERSE 8 is in Bluetooth pairing mode (flashing indicator).
- **Device Visibility:** Make sure your mobile device's Bluetooth is enabled and visible.
- **Distance:** Keep the Bluetooth device within range (typically up to 30 feet/10 meters).
- **Interference:** Move away from other wireless devices that might cause interference.

### 5.3 Feedback (Squealing Sound)

- **Microphone Placement:** Reposition microphones further away from the loudspeaker or behind it.
- **Gain Reduction:** Lower the gain of the input channel connected to the microphone.

- **Automatic Feedback Suppression (AFS):** Ensure the AFS feature is enabled and configured correctly via the DSP or QuickSmart Mobile app.

## 6. SPECIFICATIONS

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The following table outlines the key specifications for the Electro-Voice EVERSE 8 Loudspeaker:

Feature	Specification
Brand	Electro-Voice
Model Name	F.01U.399.423 (ELE EVERSE8US)
Speaker Type	Monitor
Special Feature	Portable, Weatherized (IP43)
Recommended Uses	For Music Players, Live Sound, Events
Compatible Devices	Smartphone, Microphones, Instruments
Woofer Diameter	8 Inches
Tweeter Diameter	1 Inches
Unit Count	1.0 Count
Controller Type	App Control, Voice Control (via app)
Surround Sound Channel Configuration	2.0 (Stereo via Bluetooth TWS)
Color	Black
Battery Life	Up to 12 Hours
Included Components	Power Cable, Battery Pack, Weatherized Input Cover, User Manual
Product Dimensions	19"D x 14"W x 15"H
Item Weight	10.5 Kilograms (23.1 pounds)
Material	Polypropylene
Power Source	Battery Powered
Connectivity Technology	Bluetooth
Audio Output Mode	Stereo (Bluetooth)
Mounting Type	Freestanding, Pole Mount
UPC	800549612746



Figure 6.1: Physical dimensions of the EVERSE 8 loudspeaker.

## 7. WARRANTY INFORMATION

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The Electro-Voice EVERSE 8 Loudspeaker comes with a limited warranty. For specific terms, conditions, and registration details, please refer to the warranty card included with your product or visit the official Electro-Voice website. Keep your proof of purchase for warranty claims.

## 8. SUPPORT

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For further assistance, technical support, or to download the latest version of the QuickSmart Mobile app, please visit the official Electro-Voice support website. You can also find additional resources, FAQs, and contact information for customer service there.

**Electro-Voice Official Website:** [www.electrovoice.com](http://www.electrovoice.com)