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Electro-Voice ELE EVOLVE50

Electro-Voice Evolve 50 User Manual

Model: ELE EVOLVE50 | Brand: Electro-Voice

INTRODUCTION

The Electro-Voice Evolve 50 is a 1000W powered column speaker array system designed for portable PA applications. This three-component system features eight 3.5-inch neodymium drivers and a 12-inch subwoofer, delivering superb sound and wide coverage. It offers easy setup, powerful digital processing via a single-knob interface, a 3-channel mixer, and wireless control and streaming via Bluetooth. This manual provides essential information for setting up, operating, and maintaining your Evolve 50 system.





Figure 1: The Electro-Voice Evolve 50 Portable Column Speaker Array System.

WHAT'S IN THE BOX

Your Electro-Voice Evolve 50 system includes the following components:

- Column Array
- Subwoofer
- Sub Pole

SETUP

Setting up your Evolve 50 system is quick and straightforward. Follow these steps for optimal performance:

1. **Position the Subwoofer:** Place the subwoofer on a stable, flat surface in your desired location. The subwoofer is designed for easy transport with integrated handles.





Figure 2: The Evolve 50 subwoofer is designed for easy portability.

2. **Insert the Sub Pole:** Carefully insert the sub pole into the designated socket on top of the subwoofer. Ensure it is securely seated.



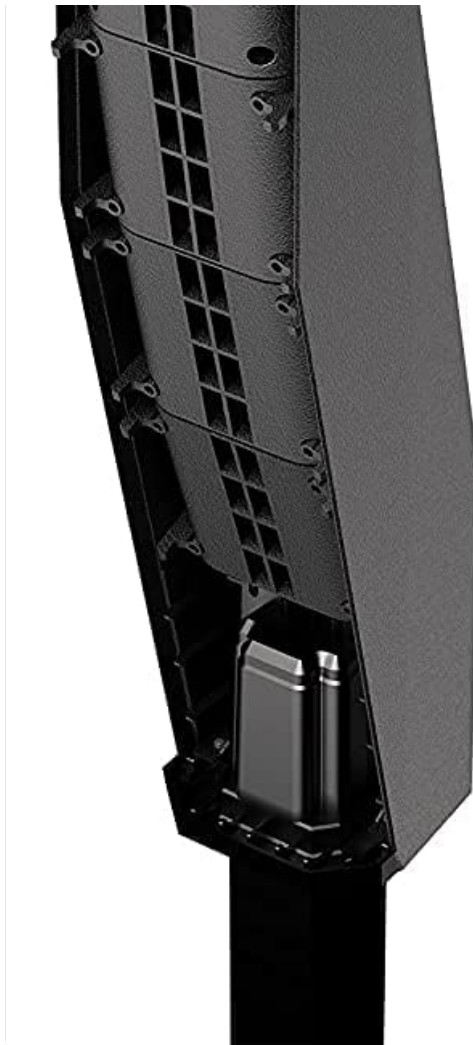


Figure 3: Securely insert the sub pole into the subwoofer's top socket.

3. **Attach the Column Array:** Mount the column array onto the top of the sub pole. The system is designed for a secure, magnetic connection.





Figure 4: The column array attaches securely to the sub pole.

4. **Connect Power:** Plug the power cable into the subwoofer's power input and then into a suitable electrical outlet.
5. **Power On:** Locate the power switch on the rear panel of the subwoofer and turn the unit on.

Video 1: An overview of the Electro-Voice Evolve 50 system, demonstrating its components and ease of setup.

OPERATING

The Evolve 50 offers versatile operation with multiple input options and app control.

Control Panel Overview

The rear panel of the subwoofer features a comprehensive control interface:

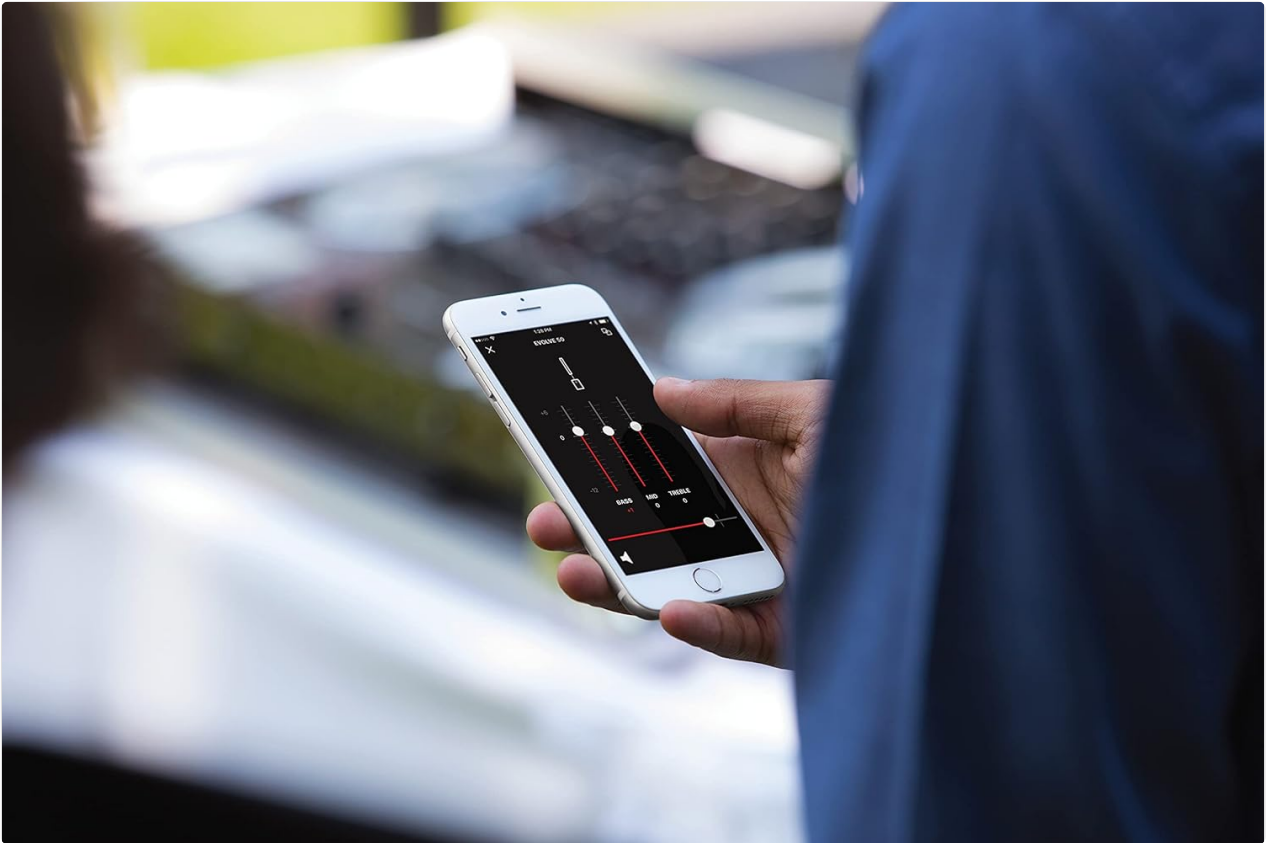


Figure 5: Detailed view of the Evolve 50's QuickSmartDSP control panel and inputs.

- **QuickSmartDSP:** Digital Signal Processing for sound optimization.
- **Master Volume:** Controls the overall output level.
- **Line/Mic Inputs (Input 1 & 2):** Combo XLR/TRS inputs for microphones or line-level devices.
- **Aux In (Input 3):** RCA inputs for connecting external audio sources.
- **Bluetooth:** For wireless audio streaming and control.
- **Mix Out:** XLR output for connecting to additional speakers or mixers.

Bluetooth Connectivity and App Control

The Evolve 50 supports Bluetooth for both audio streaming and remote control via the Electro-Voice QuickSmart Mobile app. This allows for convenient adjustment of settings from your mobile device.

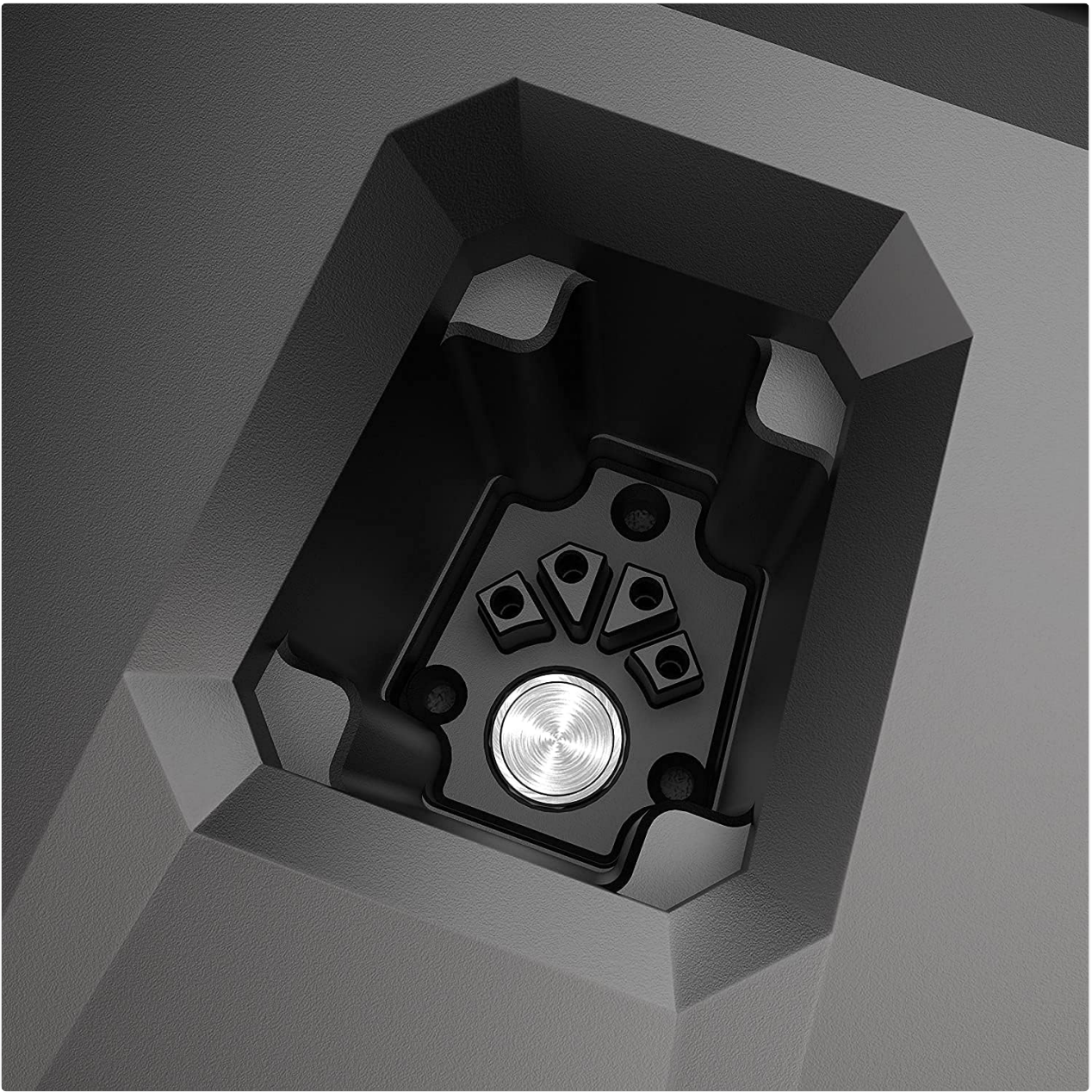


Figure 6: Control your Evolve 50 system wirelessly using the QuickSmart Mobile app on your smartphone.



Figure 7: The QuickSmart Mobile app provides intuitive controls for bass, mid, and treble adjustments.

Usage Examples



Figure 8: The Evolve 50 provides clear and powerful sound for live musical performances.



Figure 9: Ideal for various events, including fitness classes and background music.

MAINTENANCE

To ensure the longevity and optimal performance of your Evolve 50 system, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe down the exterior surfaces with a soft, dry cloth. Avoid using abrasive cleaners

or solvents.

- **Storage:** When not in use, store the system in a cool, dry place. Utilize the provided carrying cases for the column array and consider a protective cover for the subwoofer to prevent dust and damage.
- **Cable Management:** Ensure all cables are properly coiled and stored to prevent kinks or damage.
- **Ventilation:** Do not block the ventilation grilles on the subwoofer, as this can lead to overheating.

TROUBLESHOOTING

If you encounter issues with your Evolve 50 system, refer to the following common troubleshooting tips:

- **No Power:** Check the power cable connection at both the subwoofer and the electrical outlet. Ensure the power switch is in the 'On' position.
- **No Sound:** Verify that all input cables are securely connected. Check the master volume and individual input levels. Ensure the correct input source is selected.
- **Distorted Sound:** Reduce the input gain or master volume to prevent clipping. Check cable integrity.
- **Bluetooth Connection Issues:** Ensure Bluetooth is enabled on your mobile device and the Evolve 50. Try forgetting and re-pairing the device. Move closer to the speaker to improve signal strength.
- **Intermittent Sound:** Check for loose cable connections. Ensure no other devices are interfering with the Bluetooth signal.

For more detailed troubleshooting, please consult the full user manual PDF.

SPECIFICATIONS

Feature	Detail
Model Name	Evolve 50
Speaker Type	Subwoofer, Column Array
Speaker Maximum Output Power	1000 Watts
Subwoofer Diameter	12 Inches
Tweeter Diameter	3.5 Inches (x8)
Frequency Response	43 Hz
Connectivity Technology	Bluetooth
Input Voltage	240 Volts
Item Weight	70.8 Pounds
Product Dimensions	17"D x 39"W x 22"H

Feature	Detail
Material	Steel, 15 mm plywood, Composite, Aluminum
Color	Black
Control Method	Voice, App

WARRANTY INFORMATION

The Electro-Voice Evolve 50 comes with a Limited Warranty. For detailed terms and conditions, please refer to the official warranty documentation provided with your product. Additionally, protection plans are available for purchase:

- 2-Year Protection Plan
- 3-Year Protection Plan
- Complete Protect (monthly billing option)

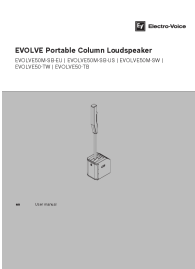
SUPPORT

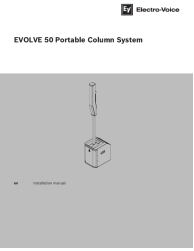


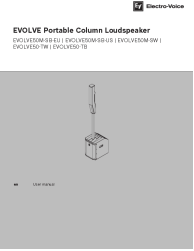
For further assistance, detailed instructions, or technical support, please utilize the following resources:

- **Official User Manual (PDF):** [Download PDF Manual](#)
- **Manufacturer Website:** Visit the Electro-Voice official website for product registration, FAQs, and contact information.

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Related Documents - ELE EVOLVE50

	<p>Electro-Voice EVOLVE 50M Portable Column Loudspeaker User Manual</p> <p>Comprehensive user manual for the Electro-Voice EVOLVE 50M portable column loudspeaker system, detailing features, installation, operation, DSP controls, and technical specifications.</p>
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	<p>Electro-Voice EVOLVE 50 Portable Column System Installation Manual</p> <p>This installation manual provides comprehensive instructions for setting up and operating the Electro-Voice EVOLVE 50 Portable Column System. It covers safety precautions, system features, quick setup, amplifier DSP controls, troubleshooting, and technical specifications.</p>
	<p>Electro-Voice EVOLVE 30M Portable Column Loudspeaker User Manual</p> <p>Comprehensive user manual for the Electro-Voice EVOLVE 30M portable column loudspeaker system, covering safety, installation, amplifier DSP, mixer operation, troubleshooting, and technical specifications.</p>
	<p>Electro-Voice EVOLVE 30M Portable Column Loudspeaker User Manual</p> <p>Comprehensive user manual for the Electro-Voice EVOLVE 30M Portable Column Loudspeaker, covering safety, setup, operation, DSP controls, mixer functions, troubleshooting, and technical specifications.</p>
	<p>Electro-Voice EVOLVE Portable Column Loudspeaker User Manual</p> <p>User manual for the Electro-Voice EVOLVE Portable Column Loudspeaker system, detailing features, operation, installation, and technical specifications for models like EVOLVE50M.</p>



Comprehensive safety and security instructions for Electro-Voice powered loudspeakers, covering important warnings, precautions, and installation guidelines across multiple languages.