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Electro-Voice Evolve 50 (ELEVOLVE50TK)

Electro-Voice Evolve 50 Portable Column Speaker System User Manual

Model: ELEVOLVE50TK

1. Introduction

Thank you for choosing the Electro-Voice Evolve 50 Portable Column Speaker System. This system is designed to deliver high-quality audio performance for a variety of indoor and outdoor applications. Featuring a powerful 1000W amplifier, Bluetooth connectivity, and a compact design, the Evolve 50 provides exceptional sound clarity and portability. This manual provides essential information for the safe and efficient operation of your new speaker system.

2. Safety Information

Please read and understand all safety instructions before operating this product. Retain this manual for future reference.

- **Power Source:** Connect the unit only to a power supply of the type described in this manual or on the unit. Ensure the power cord is not damaged or pinched.
- **Ventilation:** Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- **Water and Moisture:** Do not expose this apparatus to rain or moisture. Do not use near water.
- **Heat:** Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Stability:** Ensure the speaker system is placed on a stable, level surface to prevent tipping.

3. Package Contents

Verify that all components are present in the package:

- Evolve 50 Subwoofer
- Column Speaker Array
- Two-Piece Pole Assembly
- EVOLVE50-SUBCVR Cover for Evolve 50 Subwoofer
- Power Cable

- User Manual (this document)

4. Setup

Follow these steps to assemble and prepare your Evolve 50 system for operation.

4.1 System Assembly

1. Place the Evolve 50 Subwoofer on a stable, level surface.
2. Insert the lower pole section into the pole mount on top of the subwoofer. Ensure it is fully seated.
3. Insert the upper pole section into the lower pole section.
4. Carefully slide the Column Speaker Array onto the top pole section. Ensure it locks securely into place.



Figure 1: Fully assembled Evolve 50 system.



Figure 2: Side profile of the Evolve 50 system.

4.2 Power Connection

Connect the provided power cable to the AC inlet on the rear of the subwoofer. Plug the other end into a suitable power outlet. The power switch is located near the AC inlet.



Figure 3: Rear panel of the Evolve 50 subwoofer with power input.

5. Operating Instructions

This section details how to operate your Evolve 50 system.

5.1 Power On/Off

- To power on, press the power switch located on the rear panel of the subwoofer. The display on the control panel will illuminate.
- To power off, press the power switch again.

5.2 Input Connections

The Evolve 50 offers multiple input options:

- **INPUT 1 & 2 (Combo XLR/TRS):** For connecting microphones or line-level sources. Use the corresponding gain knobs to adjust input levels.
- **AUX IN (RCA/3.5mm):** For connecting consumer audio devices like smartphones or laptops.
- **MIX OUT (XLR):** Provides a mixed output signal for connecting to additional speakers or recording devices.



Figure 4: Evolve 50 control panel detail.

5.3 Bluetooth Pairing

To connect a Bluetooth-enabled device:

1. Ensure the Evolve 50 is powered on.
2. On the control panel, navigate to the Bluetooth menu using the QuickSmartDSP knob.
3. Select "Pair Device". The system will enter pairing mode.
4. On your mobile device, enable Bluetooth and search for available devices. Select "EVOLVE 50" from the list.
5. Once connected, the display will confirm successful pairing. You can now stream audio wirelessly.

5.4 QuickSmartDSP Control

The integrated QuickSmartDSP provides intuitive control over system parameters. Use the single-knob interface to navigate menus and adjust settings such as:

- **Presets:** Optimize sound for different applications (e.g., Music, Live, Speech).
- **EQ:** Fine-tune the frequency response.
- **Sub Level:** Adjust the subwoofer output.
- **Delay:** Synchronize multiple speakers.
- **System Setup:** Configure display brightness, Bluetooth settings, etc.

6. Maintenance

Proper maintenance ensures the longevity and performance of your Evolve 50 system.

- **Cleaning:** Use a soft, dry cloth to clean the exterior surfaces. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use, store the system in a dry, temperate environment. Use the provided EVOLVE50-SUBCVR cover for the subwoofer to protect it from dust and minor impacts.
- **Inspection:** Periodically check power cables and input/output connections for any signs of wear or damage.



Figure 5: EVOLVE50-SUBCVR Subwoofer Cover.

7. Troubleshooting

If you encounter issues with your Evolve 50 system, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Power cable disconnected; Power outlet faulty; Power switch off	Check power cable connections; Try a different outlet; Ensure power switch is on
No sound output	Input level too low; Master volume too low; Incorrect input selected; Damaged cable	Increase input gain and master volume; Verify correct input source; Test with new cables
Bluetooth not connecting	Device not in pairing mode; Evolve 50 already paired to another device; Bluetooth interference	Ensure Evolve 50 is in pairing mode; Disconnect from other devices; Move closer to the speaker
Distorted audio	Input level too high (clipping); Speaker overloaded; Faulty cable	Reduce input gain; Lower master volume; Check cables for damage

8. Specifications

Detailed technical specifications for the Electro-Voice Evolve 50 system:

- **Model Name:** ELEVOLVE50TK
- **Speaker Type:** Subwoofer and Column Array
- **Speaker Maximum Output Power:** 1000 Watts
- **Connectivity Technology:** Bluetooth
- **Wireless Communication Technology:** Bluetooth
- **Special Feature:** Hi Res Audio
- **Recommended Uses For Product:** Indoor/Outdoor
- **Compatible Devices:** Laptop, Smartphone, Tablet
- **Surround Sound Channel Configuration:** 2.1
- **Color:** White
- **Product Dimensions:** 21.65"D x 17.72"W x 15.75"H (Subwoofer)
- **Mounting Type:** Floor Standing
- **Power Source:** Corded Electric
- **Control Method:** Voice (via connected smart device) / QuickSmartDSP knob
- **UPC:** 810160682103
- **Manufacturer:** Electro-Voice

9. Warranty and Support

For warranty information and technical support, please refer to the official Electro-Voice website or contact their customer service directly. Keep your proof of purchase for any warranty claims.
Online Support: Visit the Electro-Voice official website for product registration, FAQs, and support resources.

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