

PreSonus Eris E4.5 BT

PreSonus Eris E4.5 BT Studio Monitors Instruction Manual

Model: Eris E4.5 BT

INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your PreSonus Eris E4.5 BT studio monitors. Designed for multimedia, gaming, movie watching, and music production, these speakers deliver studio-quality sound with versatile connectivity options, including Bluetooth wireless technology.

SAFETY INFORMATION

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, please visit www.P65Warnings.ca.gov.

Always ensure proper ventilation around the speakers. Do not expose the units to water or excessive moisture. Avoid placing heavy objects on the speakers. Disconnect power during lightning storms or when unused for long periods.

PACKAGE CONTENTS

- 1 Pair of Eris E4.5 BT Monitors
- Power Cable
- Speaker Wire (for connecting passive speaker to active speaker)
- 3.5mm TRS to Dual RCA Cable
- 3.5mm TRS to 3.5mm TRS Cable
- Acoustic Foam Pads (for isolation)
- User Manual and Documentation

PRODUCT OVERVIEW

The PreSonus Eris E4.5 BT monitors feature 4.5-inch woven composite low-frequency drivers and 1-inch ultra-low-mass, silk-dome high-frequency transducers. They are powered by 50W (25W per side) Class AB amplification, providing clear and accurate sound reproduction. Connectivity options include Bluetooth 5.0, 1/4-inch balanced TRS, RCA, and a front-panel 1/8-inch stereo Aux In.



Figure 1: Front view of the PreSonus Eris E4.5 BT Studio Monitors. The active speaker on the left features volume control, Aux In, headphone jack, Bluetooth pairing button, and power switch. The passive speaker on the right has a clean front face.

Key features include:

- **Bluetooth 5.0:** For wireless audio streaming from smart devices.
- **Multiple Inputs:** 1/4-inch TRS, RCA, and 1/8-inch stereo Aux In for versatile connectivity.
- **Acoustic Tuning:** High- and low-frequency controls to adjust speaker response to your environment.
- **Integrated Headphone Amplifier:** Front-panel headphone jack for private listening.
- **Front-Panel Controls:** Convenient volume control and power switch.

SETUP

1. **Placement:** Position the active speaker (with controls) on your preferred side (left or right) and the passive

speaker on the opposite side. Ensure they are at ear level and equidistant from your listening position for optimal stereo imaging. Use the included acoustic foam pads under each speaker to minimize vibrations and improve sound clarity.

2. **Speaker Connection:** Use the included speaker wire to connect the active speaker to the passive speaker. Match the red (+) terminal on one speaker to the red (+) terminal on the other, and the black (-) terminal to the black (-) terminal.
3. **Power Connection:** Connect the power cable to the active speaker's power input and then to a suitable AC outlet.
4. **Audio Input (Wired):**
 - For balanced connections, use 1/4-inch TRS cables to connect your audio source (e.g., audio interface, mixer) to the balanced TRS inputs on the active speaker.
 - For unbalanced connections, use RCA cables to connect your audio source (e.g., turntable, media player) to the RCA inputs on the active speaker.
 - For mobile devices, use the 1/8-inch stereo Aux In jack on the front panel of the active speaker.



Figure 2: Rear panel of the active PreSonus Eris E4.5 BT Studio Monitor, illustrating the balanced TRS, RCA inputs, speaker output, and acoustic tuning knobs.

Video: How to setup the PreSonus Speakers and audio sample

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This video demonstrates the physical setup of the PreSonus Eris E4.5 BT speakers, including connecting the speaker wires and various audio inputs. It also includes an audio sample.

OPERATING

1. **Power On/Off:** Use the power switch on the front panel of the active speaker to turn the units on or off. The blue LED around the volume knob will illuminate when powered on.
2. **Volume Control:** Adjust the master volume using the large knob on the front panel of the active speaker.
3. **Bluetooth Pairing:**
 - Press and hold the Bluetooth button on the front panel of the active speaker for approximately 3 seconds. The Bluetooth LED will begin blinking, indicating pairing mode.
 - On your Bluetooth-enabled device (e.g., smartphone, tablet), navigate to the Bluetooth settings and select "E4.5 BT" from the list of available devices.
 - Once paired, the Bluetooth LED on the speaker will glow solid blue.
4. **Input Selection:** The Eris E4.5 BT monitors can receive audio from multiple sources simultaneously. The active input is automatically detected. If multiple sources are connected, ensure only one is playing at a time to avoid signal mixing.
5. **Acoustic Tuning:** On the rear panel of the active speaker, use the "High" and "Low" frequency knobs to adjust the treble and bass response. This allows you to fine-tune the sound to compensate for room acoustics or personal preference.
6. **Headphone Use:** Plug your headphones into the 1/8-inch headphone jack on the front panel. This will mute the main speakers, allowing for private listening.

Video: Bluetooth audio demo using Presonus Studio Speakers

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This video demonstrates the Bluetooth audio capabilities of the PreSonus Eris E4.5 BT speakers, showing how to pair a device and play music wirelessly.

MAINTENANCE

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the speaker cabinets. Avoid abrasive cleaners, solvents, or waxes.
- **Dusting:** Regularly dust the speaker grilles and surfaces to prevent dust buildup, which can affect sound quality and component lifespan.
- **Ventilation:** Ensure the rear panel and any vents are clear of obstructions to allow for proper airflow and prevent overheating.
- **Cable Management:** Keep all cables neatly organized and free from kinks or excessive tension to prevent damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No sound	Power not connected; Volume too low; Incorrect input selected; Bluetooth not paired.	Check power cable and switch; Increase volume; Verify input source; Re-pair Bluetooth device.
Distorted sound	Input signal too high; Speaker volume too high; Damaged cables.	Reduce input source volume; Lower speaker volume; Check and replace cables if necessary.
Bluetooth not connecting	Speakers not in pairing mode; Device too far; Interference.	Ensure speakers are in pairing mode (blinking LED); Move device closer; Reduce interference from other wireless devices.
Hissing noise	Ground loop; High gain settings; Faulty cables.	Ensure all equipment is on the same electrical circuit; Reduce gain on input devices; Use balanced cables; Check cable integrity.

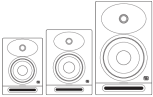

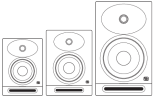


SPECIFICATIONS

Feature	Detail
Model Name	Eris E4.5 BT
Speaker Type	Monitor
Woofer Diameter	4.5 Inches (woven composite)
Tweeter Diameter	1 Inches (silk-dome)
Amplification	50 Watts (25W/side) Class AB
Frequency Response	70 Hz - 20 kHz
Connectivity Technology	Wired, Wireless (Bluetooth 5.0)
Inputs	1/4-inch Balanced TRS (L/R), RCA (L/R), 1/8-inch Stereo Aux In
Output	Headphone (1/8-inch stereo)
Acoustic Tuning	High-Frequency, Low-Frequency controls
Product Dimensions	6.42"D x 7.1"W x 9.45"H
Item Weight	1 Pounds (per speaker, approximate)
Power Source	AC adapter

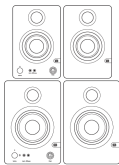
WARRANTY AND SUPPORT

The PreSonus Eris E4.5 BT monitors come with a Limited Warranty. For detailed warranty terms, conditions, and registration information, please refer to the documentation included in your package or visit the official PreSonus website. Technical support may be available through the manufacturer's website or authorized service centers.

Related Documents - Eris E4.5 BT

<div><p>Eris Studio-Series High-Definition Near Field Studio Monitors Owner's Manual</p><p></p></div>	<p>PreSonus Eris Studio-Series Monitors: Owner's Manual & Setup Guide</p> <p>Comprehensive owner's manual for PreSonus Eris Studio-Series High-Definition Near Field Studio Monitors, covering setup, features, technical specifications, and troubleshooting.</p>
<div><p>Eris Studio-Series Monitor da studio near field ad alta definizione Manuale di istruzioni</p><p></p></div>	<p>PreSonus Eris Studio-Series High-Definition Near Field Studio Monitors User Manual</p> <p>Comprehensive user manual for the PreSonus Eris Studio-Series high-definition near field studio monitors, covering setup, connections, controls, tutorials, specifications, and troubleshooting.</p>
<div><p>User Manual of Product 1: PreSonus Studio 24c, 2-in/2-out, 100 kHz, USB-C audio interface with software bundle including Studio One Artist, Ableton Live Lite, DAW and more for recording, streaming and podcasting.</p><p>User Manual of Product 2: PreSonus Eris E3.5, 3.5 inch, 2-way, High-Definition Near Field Studio Monitors (Pair, Black, White)</p></div>	<p>PreSonus Studio 24c Audio Interface & Eris E3.5 Studio Monitors User Manual</p> <p>Comprehensive user manual for the PreSonus Studio 24c USB-C audio interface and PreSonus Eris E3.5 high-definition media reference monitors, covering setup, connections, software, and specifications for recording, streaming, and content creation.</p>
<div><p>Eris Series E3.5 High-Definition Near Field Studio Monitors Quick Start Guide</p><p></p></div>	<p>PreSonus Eris E3.5 Studio Monitors Quick Start Guide</p> <p>Quick start guide for PreSonus Eris E3.5 High-Definition Near Field Studio Monitors, covering setup, connections, and controls.</p>

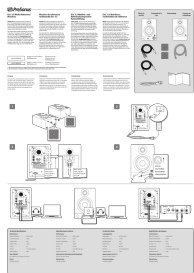
Eris-series E3.5/E3.5 BT/E4.5/ E4.5 BT
High-Definition Media Reference Monitors
Owner's Manual



PreSonus

[PreSonus Eris E3.5 & E4.5 Studio Monitors: Owner's Manual & Setup Guide](#)

Comprehensive owner's manual for PreSonus Eris E3.5, E3.5 BT, E4.5, and E4.5 BT high-definition media reference monitors. Learn about setup, connections, controls, features, and troubleshooting.



[PreSonus Eris 3.5 Media Reference Monitors Quick Start Guide](#)

A quick start guide for the PreSonus Eris 3.5 media reference monitors, covering setup, features, and troubleshooting. Includes technical specifications and connection diagrams.