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PreSonus Eris 3.5

PreSonus Eris 3.5 Studio Monitors Gen 2 - Instruction Manual

1. INTRODUCTION

Thank you for choosing PreSonus Eris 3.5 Studio Monitors. These compact, powered speakers are designed to deliver studio-quality, accurate sound for music production, high-fidelity audio listening, gaming, and multimedia reference. With 50W of Class AB amplification, integrated headphone output, and flexible tuning controls, the Eris 3.5 Gen 2 monitors provide clear, powerful audio suitable for various environments.

2. WHAT'S IN THE BOX

- 1 pair of Eris 3.5 monitors
- Power cable
- Speaker connection cable (for connecting active to passive speaker)
- RCA to 3.5mm TRS cable
- 3.5mm TRS to 3.5mm TRS cable
- Quick Start Guide and documentation



Image: Contents of the PreSonus Eris 3.5 Gen 2 box, showing the two monitors and various connection cables.

3. PRODUCT FEATURES

- **Honest Audio Reproduction:** Delivers studio-quality, accurate sound for music production, hi-fi audio listening, or multimedia reference.
- **Expressive Low End:** Woven-composite 3.5-inch woofers provide tight bass and cleaner overall sound.
- **Powerful Amplification:** 50 Watts of Class AB dual amplification (25W per side) ensures loud, clear audio without distortion.
- **Ultra-Wide Listening Sweet Spot:** 1-inch low-mass, silk-dome tweeters offer superior stereo imaging from nearly any listening angle.
- **Versatile Connectivity:** Features 1/4-inch TRS balanced inputs, unbalanced RCA inputs, and a front-panel 1/8-inch TRS stereo aux input.
- **Precision Acoustic Tuning:** High- and low-frequency tuning controls allow customization of audio output to match your room's acoustics.
- **Headphone Output:** Convenient front-panel headphone output with built-in amplifier for private listening.
- **Power Saver Mode:** Automatically engages after 40 minutes of idle time to conserve energy.

Eris® 3.5

1"

(2.54 cm) HF transducers with
ultra low-mass, silk-dome tweeters



3.5"

(8.89 cm)
Woven
composite
LF transducers



Integrated stereo headphone
amp mutes speakers and switches
volume control to headphones



1/8"

(3.5 cm) aux-in and
headphone output

High and Low Acoustic Tuning controls
to optimize speakers to your room

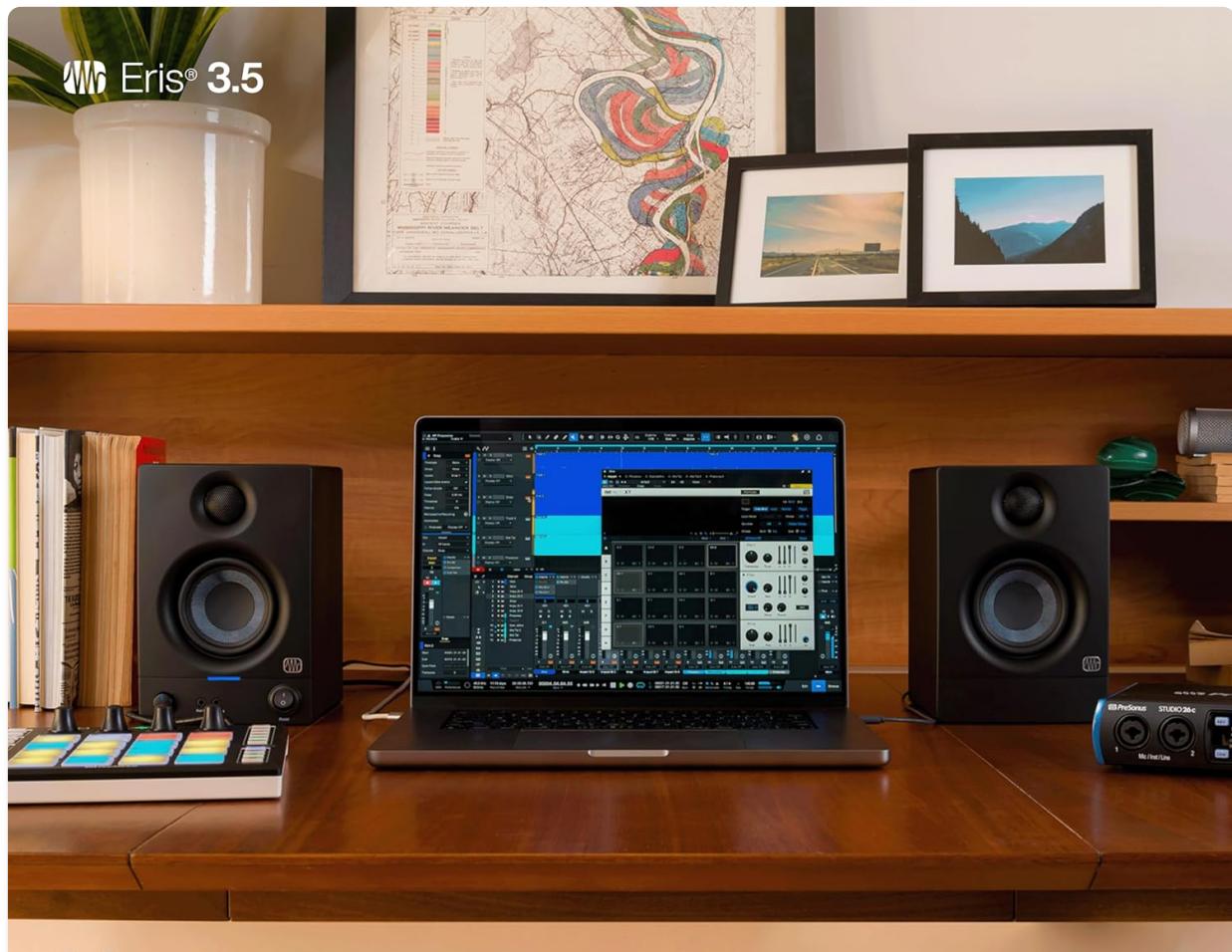


Image: Close-up views highlighting the 1-inch silk-dome HF transducers, 3.5-inch woven composite LF transducers, integrated headphone amp, and High and Low Acoustic Tuning controls on the Eris 3.5 monitors.

4. SETUP

4.1 Unpacking and Placement

Carefully unpack your Eris 3.5 monitors. Place them on a stable, flat surface, such as a desk or bookshelf. For optimal stereo imaging, position the monitors to form an equilateral triangle with your listening position, with the tweeters at ear level. The active speaker (with controls and inputs) can be placed on either the left or right side, adjustable via a switch on the rear panel.



**Honest.
Expressive.
Powerful.**

Image: PreSonus Eris 3.5 Studio Monitors positioned on a desk alongside a laptop and audio interface, illustrating a typical setup.

4.2 Connecting the Speakers

1. Connect the active speaker to a power outlet using the provided power cable.
2. Connect the passive speaker to the active speaker using the included speaker connection cable. Ensure correct polarity (red to red, black to black).
3. Connect your audio source (computer, audio interface, smartphone, etc.) to the active speaker using one of the available input options:
 - **1/4-inch TRS Balanced Inputs:** For professional audio devices.
 - **RCA Unbalanced Inputs:** For consumer electronics.
 - **1/8-inch TRS Stereo Aux Input (front panel):** For quick connection to smartphones or other portable devices.



Perfect for...



Record Players
& Turntables



Computer
& Desktop Setups



Hi-Fi Listening



PC & Console
Gaming Audio



DJ Speakers



Bookshelf
Speakers



Digital Pianos
& Keyboards



Bedroom Studios

Image: Rear panel of the active Eris 3.5 monitor showing 1/4-inch TRS, RCA inputs, output to passive speaker, and the Active Speaker Position switch.

4.3 Initial Power On

After all connections are made, turn on the active speaker using the power switch. The power/volume knob on the front panel will illuminate, indicating the speakers are powered on.

Video: A product overview demonstrating the physical features and connections of the PreSonus Eris 3.5 Studio Monitors. This video shows the front panel controls, rear panel inputs, and how to connect the active and passive speakers.

Video: A short clip demonstrating the ease of assembly for the PreSonus Eris 3.5 Studio Monitors, showing the simple steps to get them set up and ready for use.

5. OPERATING INSTRUCTIONS

5.1 Volume Control

The master volume knob is located on the front panel of the active speaker. Rotate clockwise to increase volume and counter-clockwise to decrease it. It is recommended to start with a low volume and gradually increase it to a comfortable listening level.

5.2 Headphone Use

Plug your headphones into the 1/8-inch (3.5mm) headphone jack on the front panel. This will automatically mute the main speakers, allowing for private listening. The master volume knob will then control the headphone output level.

5.3 Acoustic Tuning

The rear panel of the active speaker features High-Frequency and Low-Frequency tuning controls. These allow you to adjust the speaker's response to compensate for room acoustics or personal preference. Adjust these knobs in small increments and listen to the changes to find your ideal sound.

- **High-Frequency Control:** Adjusts the treble response.
- **Low-Frequency Control:** Adjusts the bass response.

6. MAINTENANCE

To ensure the longevity and optimal performance of your PreSonus Eris 3.5 monitors, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the speakers. Avoid using abrasive cleaners, waxes, or solvents.
- **Placement:** Keep speakers away from direct sunlight, heat sources, and moisture. Ensure adequate ventilation around the speakers.
- **Handling:** Handle speakers with care to avoid damaging the drivers. Avoid poking the tweeter or woofer cones.
- **Power:** Disconnect the power cable from the outlet if the speakers will not be used for an extended period.

7. TROUBLESHOOTING

If you encounter issues with your Eris 3.5 monitors, refer to the following common troubleshooting steps:

- **No Sound:**
 - Ensure the speakers are powered on and the power/volume knob is illuminated.
 - Check all audio connections from your source to the active speaker and between the active and passive speakers.
 - Verify the volume on both the speakers and your audio source is turned up.
 - If headphones are plugged in, unplug them to check if sound returns to the speakers.
- **Distorted Sound:**
 - Reduce the volume on both the speakers and your audio source.
 - Check for loose or damaged cables.
 - Adjust the acoustic tuning controls on the rear panel.
- **Hum or Buzz:**
 - Ensure all cables are securely connected.
 - Try connecting the speakers to a different power outlet.
 - If using unbalanced RCA cables, try balanced TRS cables if your source supports them.

8. SPECIFICATIONS

Feature	Detail
Speaker Type	Active Media Reference Monitors
Woofer Diameter	3.5 Inches (Woven Composite)
Tweeter Diameter	1 Inch (Silk Dome)
Amplification	50 Watts (Class AB, 25W per side)
Frequency Response	80 Hz - 20 kHz
Connectivity Technology	1/4" TRS, Auxiliary, RCA
Product Dimensions	5.5"D x 6"W x 8.3"H
Item Weight	6.61 pounds (3000 Grams)
Color	Black

9. WARRANTY AND SUPPORT

PreSonus Eris 3.5 Studio Monitors come with a limited warranty. For detailed warranty information, product registration, or technical support, please visit the official PreSonus website or contact their customer service. Keep your purchase receipt as proof of purchase.