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› EVE Audio SC207 Active 2-Way Midfield Studio Monitor User Manual

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EVE Audio SC207 Active 2-Way Midfield Studio Monitor User Manual

Model: SC207

INTRODUCTION

The EVE Audio SC207 is a mid-range two-way monitor speaker designed for studio environments. Its compact size and precise audio reproduction make it suitable for various room configurations. This manual provides essential information for the proper setup, operation, and maintenance of your SC207 studio monitor.

Key features include:

- Free-field frequency range (-3dB): 44Hz - 21kHz
- Tweeter: AMT RS2
- Woofer: 165mm/6.5" SilverCone
- Max SPL per pair: 116dBspl
- Output power (woofer): 100W, Output power (tweeter): 50W
- PWM amplifier with protection-limiting
- Balanced XLR inputs and unbalanced RCA inputs

PRODUCT OVERVIEW



Figure 1: Front view of the EVE Audio SC207 studio monitor. Shows the AMT RS2 tweeter, 6.5-inch SilverCone woofer, and the front-panel volume control.



Figure 2: Rear view of the EVE Audio SC207 studio monitor, illustrating input connections (XLR, RCA), power input, and overall dimensions (11.02"D x 8.46"W x 12.99"H).

SETUP

1. Unpacking

Carefully remove the SC207 monitor from its packaging. Retain all packaging materials for future transport or storage.

2. Placement

Position the monitors on a stable, flat surface, such as a tabletop or speaker stands. For optimal stereo imaging, place the

monitors equidistant from your listening position, forming an equilateral triangle. Ensure adequate space around the rear port for proper bass response and heat dissipation. The monitor dimensions are approximately 11.02"D x 8.46"W x 12.99"H.

3. Connections

The SC207 offers both balanced XLR and unbalanced RCA input options. Choose the appropriate cable for your audio source.

- **XLR Input:** For balanced connections from professional audio interfaces or mixers.
- **RCA Input:** For unbalanced connections from consumer audio equipment.

Connect the power cable to the monitor's power inlet and then to a suitable AC power outlet. Ensure the power switch is in the OFF position before connecting to power.

OPERATING INSTRUCTIONS

1. Powering On/Off

After all connections are made, flip the power switch located on the rear panel to the ON position. It is recommended to power on your monitors last and power them off first to prevent transient noises.

2. Volume Control

The front panel features a volume knob (refer to Figure 1) to adjust the output level of the monitor. Start with a low volume setting and gradually increase it to a comfortable listening level. Avoid excessively high volumes to prevent hearing damage and potential speaker damage.

3. Input Selection

The SC207 automatically detects the active input. If both XLR and RCA are connected, the monitor will prioritize the active signal. Consult the full EVE Audio manual for advanced settings if available.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the monitor's surfaces. Avoid abrasive cleaners or solvents.
- **Dust:** Regularly dust the speaker cones and tweeter to maintain optimal performance.
- **Environment:** Keep the monitors away from direct sunlight, excessive heat, moisture, and strong magnetic fields.
- **Ventilation:** Ensure the rear panel and any vents are not obstructed to allow for proper cooling.

TROUBLESHOOTING

If you encounter issues with your SC207 monitor, consider the following common troubleshooting steps:

- **No Sound:**
 - Check if the monitor is powered on and the power cable is securely connected.
 - Verify that the audio source is active and sending a signal.
 - Ensure audio cables (XLR/RCA) are correctly connected to both the monitor and the audio source.
 - Check the volume level on the monitor and your audio source.
- **Distorted Sound:**

- Reduce the volume level on both the monitor and the audio source.
- Check for damaged audio cables.
- Ensure the audio source is not clipping or sending an overdriven signal.

- **Hum or Buzz:**

- Ensure all audio cables are properly shielded and connected.
- Try connecting the monitor and audio source to the same power outlet to avoid ground loops.
- Move the monitor away from other electronic devices that may cause interference.

If the problem persists after attempting these steps, please contact EVE Audio customer support.

SPECIFICATIONS

Feature	Detail
Model Name	SC207
Speaker Type	Monitor
Mounting Type	Tabletop Mount
Free-field frequency range (-3dB)	44Hz - 21kHz
Tweeter	AMT RS2
Woofers	165mm/6.5" SilverCone
Max SPL per pair	116dBspl
Output power (woofer)	100W
Output power (tweeter)	50W
Connectivity Technology	RCA, XLR
Audio Output Mode	Stereo
Power Source	Corded Electric
Product Dimensions (D x W x H)	11.02" x 8.46" x 12.99"
Item Weight	16 ounces (1 pound)
Included Components	Monitor

WARRANTY INFORMATION

The EVE Audio SC207 monitor comes with a Limited Warranty. For specific terms and conditions, please refer to the warranty card included with your product or visit the official EVE Audio website. Keep your proof of purchase for warranty claims.

CUSTOMER SUPPORT

For further assistance, technical support, or service inquiries, please contact EVE Audio customer support through their

official website or the contact information provided in your product documentation.

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