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Soundsphere SS-110B-WH

Soundsphere SS-110B-WH Omnidirectional Loudspeaker User Manual

Model: SS-110B-WH

Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your Soundsphere Model SS-110B-WH Omnidirectional Loudspeaker. Designed for clear voice announcements and seamless background music, the SS-110B-WH offers even, omnidirectional coverage, making it ideal for a variety of commercial and public spaces.
Please read this manual thoroughly before installation and use to ensure optimal performance and longevity of your loudspeaker.

Product Overview



The Soundsphere SS-110B-WH is a compact and unobtrusive loudspeaker, approximately 10 inches in diameter, designed for distributed sound systems. Its unique design allows for omnidirectional sound dispersion, ensuring consistent audio coverage across a wide area.
Key features include:

- Compact, 10-inch diameter design.
- Omnidirectional sound coverage for even audio distribution.
- Suitable for background music and clear voice announcements.
- Lightweight construction for versatile mounting options.

- Available in white finish.

Setup and Installation

The Soundsphere SS-110B-WH is designed for fast and efficient installation in distributed sound systems. It can be mounted using a hanging kit or a mounting bracket (accessories may be sold separately or factory-installed).

Safety Precautions

- Ensure all power is disconnected from the amplifier and associated equipment before beginning installation.
- Always use appropriate safety gear, including eye protection and gloves, during installation.
- Consult with a qualified installer if you are unsure about any aspect of the installation process, especially for overhead mounting.
- Ensure mounting hardware is securely fastened and capable of supporting the speaker's weight (11.02 lbs) with an adequate safety margin.

Mounting Options

The SS-110B-WH offers flexible mounting possibilities:

1. **Hanging Installation:**

   For ceiling suspension, use a compatible hanging kit. Ensure the ceiling structure can safely support the speaker's weight. Attach the hanging kit securely to the speaker's integrated mounting points and suspend it at the desired height.

2. **Bracket Installation:**

   If using a mounting bracket, attach the bracket firmly to a wall or ceiling surface according to the bracket manufacturer's instructions. Then, secure the speaker to the bracket using the provided hardware.

Wiring Connections

Connect the speaker to a suitable audio amplifier using appropriate gauge speaker wire. Observe correct polarity (+ to + and - to -) to ensure proper phase and optimal sound quality. Refer to your amplifier's manual for specific wiring instructions and impedance matching.

Operating Instructions

The Soundsphere SS-110B-WH is a passive loudspeaker and requires an external audio amplifier for operation. Once properly installed and connected to an amplifier, its operation is straightforward:

1. **Power On:** Ensure the amplifier is connected to a power source and turned on.
2. **Audio Source:** Connect your audio source (e.g., mixer, media player) to the amplifier's input.
3. **Volume Control:** Adjust the volume level on your amplifier or audio source to the desired listening level. Start with a low volume and gradually increase it to prevent sudden loud sounds.
4. **Sound Distribution:** The omnidirectional design of the SS-110B-WH ensures even sound distribution throughout the coverage area. No specific aiming is required.

Note: Avoid overdriving the amplifier, which can lead to distorted sound and potential damage to the speaker.

Maintenance

The Soundsphere SS-110B-WH loudspeaker is designed for long-term, reliable operation with minimal maintenance. Follow these guidelines to ensure its continued performance:

- **Cleaning:** Gently wipe the exterior of the speaker with a soft, dry cloth to remove dust. For stubborn marks, a slightly damp cloth can be used, but ensure no moisture enters the speaker grille or internal components. Do not use harsh chemicals, solvents, or abrasive cleaners.
- **Inspection:** Periodically inspect the speaker and its mounting hardware for any signs of wear, damage, or loosening. Ensure all connections remain secure.
- **Environment:** While durable, the speaker is not waterproof. Avoid exposing it to direct moisture, extreme temperatures, or excessive humidity.

Troubleshooting

If you experience issues with your Soundsphere SS-110B-WH loudspeaker, consult the following common troubleshooting steps:

Problem	Possible Cause	Solution
No Sound	Amplifier not powered on. Incorrect wiring or loose connections. Audio source not playing or improperly connected. Amplifier volume too low.	Ensure amplifier is powered on and functioning. Check all speaker wire connections for correct polarity and tightness. Verify audio source is active and connected correctly to the amplifier. Increase amplifier volume gradually.
Distorted Sound	Amplifier overdriven (volume too high). Damaged speaker wire. Improper impedance matching between speaker and amplifier.	Reduce amplifier volume. Inspect speaker wire for cuts or fraying; replace if necessary. Consult amplifier and speaker specifications to ensure compatibility.
Intermittent Sound	Loose speaker wire connections. Faulty audio cable from source to amplifier.	Check and tighten all speaker wire connections. Test with a different audio cable.

If the problem persists after trying these steps, please contact Soundsphere customer service for further assistance.

Specifications

Feature	Detail
Model	SS-110B-WH
Brand	Soundsphere
Type	Omnidirectional Loudspeaker (Passive)
Color	White
Diameter	Approximately 10 inches

Feature	Detail
Weight	11.02 lbs (5.0 kg)
Coverage	Omnidirectional
Power Source	Requires external audio amplifier
Waterproof	No

Warranty and Support

For information regarding the warranty of your Soundsphere SS-110B-WH loudspeaker, please refer to the warranty card included with your product or visit the official Soundsphere website. Warranty terms and conditions may vary.

If you require technical support, have questions about installation, or need assistance with troubleshooting beyond what is covered in this manual, please contact Soundsphere Customer Service. Contact details can typically be found on the manufacturer's website or on your purchase documentation.

When contacting support, please have your product model number (SS-110B-WH) and purchase information readily available.

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