Sound Town METIS-10MPW-PAIR

Sound Town METIS-10MPW-PAIR 10-inch Powered Stage Monitor Speakers User Manual

Model: METIS-10MPW-PAIR

1. Introduction

Thank you for purchasing the Sound Town METIS-10MPW-PAIR 10-inch Powered Stage Monitor Speakers. This manual provides essential information for the safe and efficient operation of your new audio equipment. Please read this manual thoroughly before use to ensure proper setup, operation, and maintenance. These speakers are designed for live sound, DJ, rehearsal, and floor monitoring applications, delivering clear and focused sound reproduction.

2. Safety Instructions

To reduce the risk of electric shock, fire, or injury, always follow these basic safety precautions:

- **Power Source:** Connect the unit only to an AC power outlet of the specified voltage (AC110V/230V~50/60Hz). Ensure the power switch is in the OFF position before connecting to power.
- **Grounding:** Do not defeat the safety purpose of the polarized or grounding-type plug. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety.
- **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 this apparatus near water.
- **Heat:** Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Cables:** Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- **Cleaning:** Clean only with a dry cloth.
- **Servicing:** Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

3. Package Contents

Verify that all items are present and in good condition upon opening the package:

- 2 x Sound Town METIS-10MPW Powered Stage Monitor Speakers
- 2 x Power Cables
- 1 x User Manual (this document)

4. Product Overview

The Sound Town METIS-10MPW-PAIR consists of two 10-inch powered stage monitor speakers, each featuring a 10-inch low-frequency woofer and a 1-inch compression driver. Each monitor is equipped with an integrated 300W amplifier, providing consistent and reliable performance. The low-profile wedge enclosure is covered with black carpet, includes a heavy-duty metal grille, reinforced corners, and recessed carry handles for durability and portability.



Figure 4.1: Front view of the METIS-10MPW speaker, showcasing the protective metal grille and Sound Town logo.


SOUND TOWN
VOLUME
BASS
MID
TREBLE
GAIN
CLIP
POWER
MP3
AUX IN
LINE OUT
LINE IN

Figure 4.2: Side view of the METIS-10MPW speaker, highlighting the integrated control panel for inputs and adjustments.

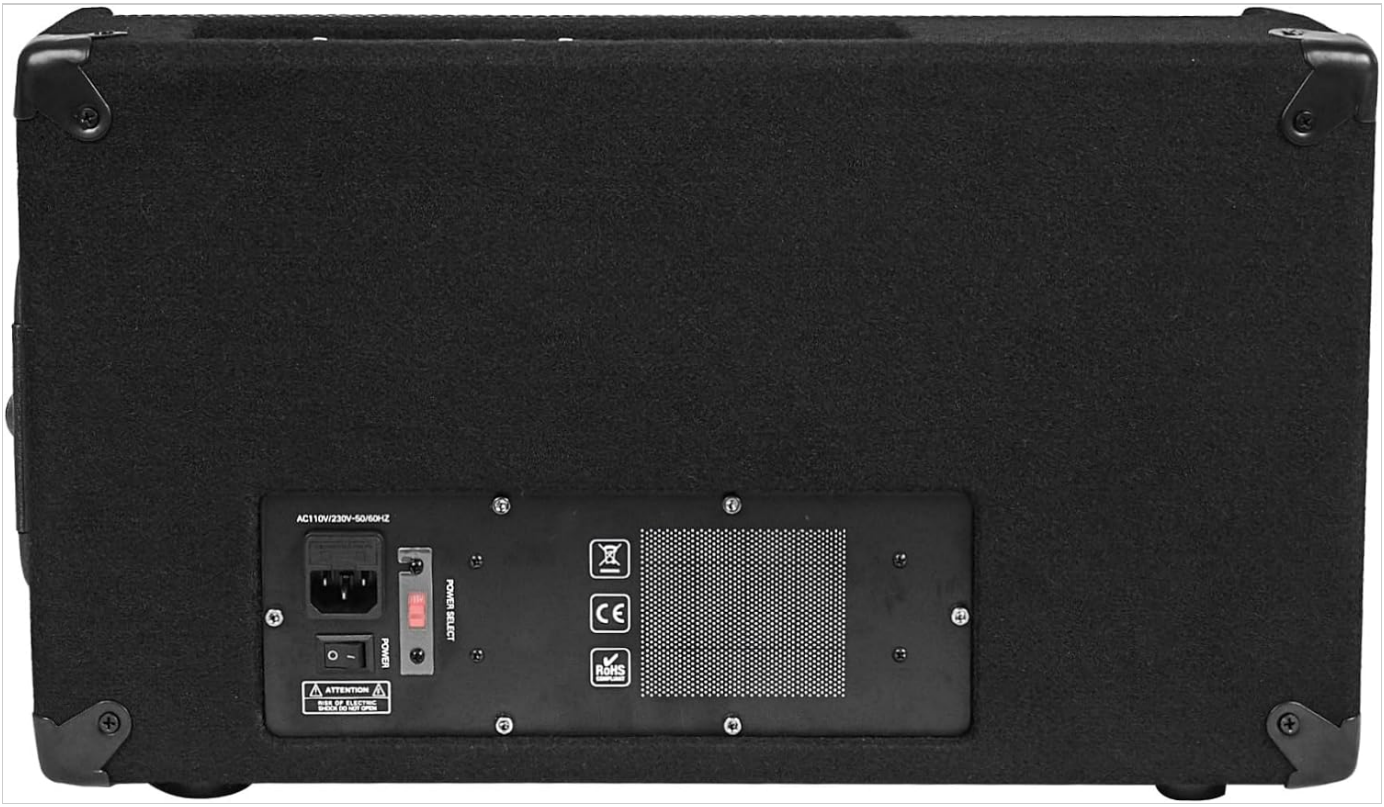


Figure 4.3: Rear view of the METIS-10MPW speaker, displaying the power input and fuse holder.

Control Panel Features



Figure 4.4: Close-up of the control panel and power module, showing all inputs, outputs, and controls.

- **LINE IN (XLR):** Balanced XLR input for connecting audio sources such as mixers or other professional audio equipment.
- **LINE OUT (XLR):** Balanced XLR output for daisy-chaining multiple monitors or sending the signal to other audio devices.
- **AUX IN (1/4"):** Unbalanced 1/4-inch auxiliary input for connecting various audio devices.
- **MP3 IN (1/8"):** 1/8-inch (3.5mm) input for connecting MP3 players, smartphones, or other portable audio devices.
- **GAIN:** Adjusts the input sensitivity of the speaker.
- **TREBLE:** 3-band equalizer control for adjusting high frequencies (-15dB to +15dB).
- **MID:** 3-band equalizer control for adjusting mid-range frequencies (-15dB to +15dB).
- **BASS:** 3-band equalizer control for adjusting low frequencies (-15dB to +15dB).
- **VOLUME:** Master volume control for the speaker output.
- **CLIP Indicator:** Illuminates when the input signal is too high, indicating potential distortion. Reduce the GAIN or source volume if this light frequently illuminates.
- **POWER Indicator:** Illuminates when the speaker is powered on.
- **POWER Switch:** Turns the speaker ON or OFF.
- **POWER SELECT:** Voltage selector switch (AC110V/230V). Ensure this is set correctly for your region before connecting power.
- **AC IN:** Power cable input.
- **FUSE:** Fuse holder for circuit protection.



Figure 4.5: Durability features including durable carpet finish, heavy-duty metal grille, and protective metal corners.



Figure 4.6: Recessed carry handle for portable and easy transportation.

5. Setup

Follow these steps to set up your Sound Town METIS-10MPW speakers:

1. **Placement:** Position the monitor speakers on a stable, flat surface, typically on the floor in front of the performer, angled towards them. Ensure adequate space for ventilation around the rear panel.
2. **Power Connection:** Before connecting the power cable, ensure the POWER switch on the speaker is in the OFF position and the POWER SELECT switch is set to the correct voltage for your region (110V or 230V). Connect the provided power cable to the AC IN port on the speaker and then to a grounded electrical outlet.
3. **Audio Input Connection:**
    - For mixers or other professional audio equipment, use an XLR cable to connect the source's output to the **LINE IN (XLR)** port on the speaker.
    - For auxiliary devices, use a 1/4-inch cable to connect to the **AUX IN (1/4")** port.
    - For MP3 players or smartphones, use a 1/8-inch (3.5mm) cable to connect to the **MP3 IN (1/8")** port.
4. **Daisy-Chaining (Optional):** To connect multiple METIS-10MPW speakers, use an XLR cable from the **LINE OUT (XLR)** of the first speaker to the **LINE IN (XLR)** of the next speaker.

5. **Initial Settings:** Turn the **VOLUME** knob fully counter-clockwise (minimum). Set the **GAIN** knob to its minimum position. Set the **BASS**, **MID**, and **TREBLE** controls to their center (0dB) positions.
6. **Power On:** Turn on your audio source (mixer, instrument, etc.) first. Then, flip the **POWER** switch on the speaker to the ON position. The POWER indicator light will illuminate.



Figure 5.1: Example setup of a stage monitor speaker in a live sound environment.

6. Operating Instructions

Once the speakers are set up, follow these steps for operation:

1. **Adjusting Gain:** Slowly increase the **GAIN** knob until the **CLIP** indicator light flashes only occasionally during the loudest parts of your audio signal. If the CLIP light stays on constantly, reduce the GAIN to prevent distortion.
2. **Adjusting Volume:** Gradually increase the **VOLUME** knob to achieve the desired listening level.
3. **Equalization (EQ):** Use the **BASS**, **MID**, and **TREBLE** controls to fine-tune the sound to your preference or to suit the acoustics of the environment. Start with small adjustments.
4. **Monitoring:** Listen to the output and make further adjustments to GAIN, VOLUME, and EQ as needed to ensure clear and balanced sound for the performers.
5. **Power Off:** When finished, first turn the **VOLUME** knob down to minimum. Then, flip the **POWER** switch to the OFF position. Finally, turn off your audio source.

7. Maintenance

Proper maintenance ensures the longevity and optimal performance of your speakers:

- **Cleaning:** Disconnect the power before cleaning. Use a soft, dry cloth to wipe down the exterior surfaces. Do not use abrasive cleaners, solvents, or waxes.
- **Storage:** When not in use for extended periods, store the speakers in a dry, dust-free environment.
- **Inspection:** Periodically check power cables and audio cables for any signs of damage. Replace damaged cables immediately.
- **Fuse Replacement:** If the speaker does not power on, check the fuse located in the AC IN module. Replace it only with a fuse of the same type and rating (refer to the marking near the fuse holder). Always disconnect power before attempting fuse replacement.

8. Troubleshooting

If you encounter issues, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
No power	Power cable disconnected; Power switch off; Blown fuse; Incorrect voltage selection.	Ensure power cable is securely connected. Turn power switch ON. Check and replace fuse if blown (same type/rating). Verify POWER SELECT switch is correct.
No sound output	Volume/Gain too low; Input cable disconnected/faulty; Audio source not playing; Incorrect input selected (if applicable); Speaker faulty.	Increase VOLUME and GAIN. Check input cable connections and try a different cable. Ensure audio source is playing. Verify correct input is used. If problem persists, contact support.
Distorted sound	GAIN too high (CLIP light on); EQ settings extreme; Faulty cable; Damaged speaker component.	Reduce GAIN until CLIP light flashes only occasionally. Reset EQ to flat (0dB) and adjust gradually. Try a different audio cable. If distortion continues, contact support.
Humming or buzzing noise	Ground loop; Faulty cable; Interference from other electronics.	Ensure all equipment is connected to the same electrical circuit. Try different cables. Move speaker away from other electronic devices.

9. Specifications

Detailed technical specifications for the Sound Town METIS-10MPW-PAIR speakers:

Feature	Specification
Model Number	METIS-10MPW-PAIR
Speaker Type	Powered Stage Monitor
Woofer Diameter	10 inches
Tweeter Diameter	1 inch (Compression Driver)
Amplifier Power	300W (Integrated)
Peak Output Power	600 watts
Audio Output Mode	Stereo (per pair)
Number of Audio Channels	2
Connectivity Technology	XLR, 1/4" Aux, 1/8" MP3
Connectivity Protocol	XLR
Equalizer	3-band (Bass, Mid, Treble)
Enclosure Material	Metal
Color	Black

Feature	Specification
Mounting Type	Floor Standing
Power Source	Corded Electric
Item Dimensions (D x W x H)	12.6" x 19.1" x 10.8"
Weight (Each)	*(Not specified in data, typical for 10-inch powered monitor is 25-35 lbs)*
UPC	810062032006

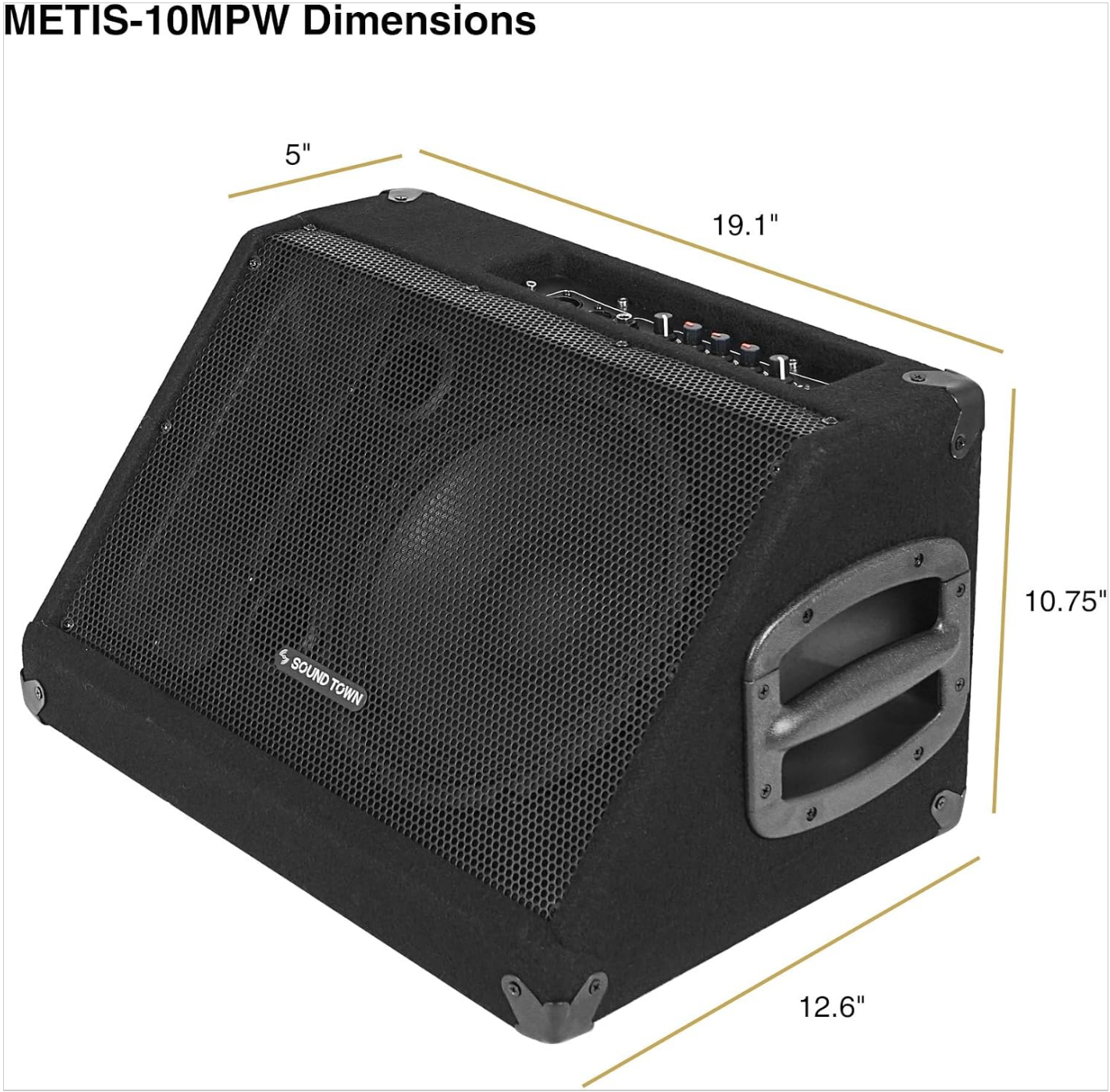


Figure 9.1: METIS-10MPW Speaker Dimensions.

10. Warranty and Support

Warranty Information:

The Sound Town METIS-10MPW-PAIR speakers come with a **1-Year Limited Warranty** from the date of purchase. This warranty covers manufacturing defects in materials and workmanship under normal use. It does not cover damage caused by misuse, abuse, accidents, unauthorized modifications, or improper installation.

Customer Support:

For technical assistance, warranty claims, or any questions regarding your Sound Town product, please contact Sound Town customer service. Refer to the official Sound Town website or your purchase documentation for the most current contact information.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question