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> Memorex MX-PS1501 15-Inch PA Speaker Instruction Manual

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Model: MX-PS1501

INTRODUCTION

Thank you for purchasing the Memorex MX-PS1501 15-Inch PA Speaker. This manual provides essential information for the safe and efficient operation of your new speaker. Please read this manual thoroughly before use and retain it for future reference.





Image: Front view of the Memorex MX-PS1501 PA Speaker, showcasing its translucent cabinet and dynamic LED lighting around the woofer.

SAFETY INFORMATION

WARNING: To reduce the risk of electric shock, do not expose this appliance to rain or moisture. Do not open the cabinet. Refer servicing to qualified personnel only.

CAUTION: For continued protection against risk of fire, replace with the same type and value fuse indicated on the product. Refer to qualified service personnel for replacement.

- Read all instructions before operating the appliance.
- Keep these instructions for future reference.
- Heed all warnings on the appliance and in the operating instructions.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with a dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- 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.

PACKAGE CONTENTS

Ensure all items are present upon unpacking:

- Memorex MX-PS1501 PA Speaker
- Speaker Stand
- Wired Microphone
- Power Cable
- Quick Start Guide (refer to this manual for detailed instructions)

PRODUCT OVERVIEW: CONTROLS AND FEATURES

Familiarize yourself with the control panel and various inputs/outputs of your MX-PS1501 speaker.

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- ① DSP PRESET SELECT (4 MODES)
- ② DSP MONITOR
- ③ USB SLOT
- ④ CONTROL PANEL (TWS/BLUETOOTH/VOLUME+/-/NEXT SONG/PLAY/PAUSE)
- ⑤ BASS KNOB
- ⑥ BLUETOOTH VOLUME
- ⑦ MIC. LINE INPUT VOLUME KNOB
- ⑧ MIC. LINE INPUT VOLUME KNOB
- ⑨ TREBLE KNOB
- ⑩ MIC/LINE XLR INPUT
- ⑪ MIC/LINE XLR INPUT
- ⑫ AUX 3.5MM INPUT / RCA INPUT
- ⑬ MIX XLR OUTPUT
- ⑭ LED SWITCH MODE BUTTON
- ⑮ AC POWER SWITCH
- ⑯ AC 110/230W VOLTAGE SWITCH
- ⑰ AC POWER CONNECT

Image: Rear control panel of the Memorex MX-PS1501 speaker, showing all inputs, outputs, and control knobs.

1. **DSP Preset Select (4 Modes):** Cycle through different Digital Signal Processing presets (e.g., Standard, Live, Monitor, Vocal) to optimize sound for various applications.
2. **DSP Monitor:** Display for current DSP mode and Bluetooth status.
3. **USB Slot:** Insert a USB drive for audio playback.
4. **Control Panel (TWS/Bluetooth/Volume+/-/Next Song/Play/Pause):** Buttons for media control, Bluetooth functions, and TWS pairing.
5. **Bass Knob:** Adjusts the low-frequency output.
6. **Bluetooth Volume Knob:** Controls the volume of Bluetooth audio input.
7. **Mic Line Input Volume Knob:** Adjusts the volume for microphone and line inputs.
8. **Mic Line Input Volume Knob:** (Duplicate label in image, likely for a second input or a master mic/line volume)
9. **Treble Knob:** Adjusts the high-frequency output.
10. **Mic/Line XLR Input:** Connect microphones or line-level audio sources using an XLR cable.
11. **Mic/Line XLR Input:** (Duplicate label in image, likely a second XLR input)

12. **Aux 3.5mm Input / RCA Input:** Connect external audio devices via 3.5mm or RCA cables.
13. **Mix XLR Output:** Output for connecting to another speaker or audio system.
14. **LED Switch Mode Button:** Cycles through different LED lighting modes or turns them off.
15. **AC Power Switch:** Turns the speaker power ON or OFF.
16. **AC 110/230V Voltage Switch:** Selects the appropriate voltage for your region. **Ensure this is set correctly before powering on.**
17. **AC Power Connect:** Connect the power cable here.

The speaker features a 15-inch woofer for deep bass and a 1-inch titanium diaphragm tweeter for clear high frequencies, powered by a 180W RMS Bi-Amp Class AB amplifier.



Image: Internal components of the Memorex MX-PS1501 speaker, showing the 1.35" tweeter, 3" voice coil, and 15" woofer.

SETUP

1. **Unpacking:** Carefully remove the speaker and all accessories from the packaging.

2. **Voltage Selection:** Locate the AC 110/230V Voltage Switch (Item 16 in Product Overview)**Ensure it is set to the correct voltage for your region before connecting power.** Incorrect voltage selection can damage the unit.
3. **Speaker Stand Assembly:**
 - Extend the legs of the speaker stand to a stable position.
 - Adjust the height of the stand to your desired level and secure it with the locking pin and knob.
 - Carefully lift the MX-PS1501 speaker and place it onto the pole of the speaker stand. Ensure it is seated securely.
4. **Power Connection:** Connect the supplied power cable to the AC Power Connect port (Item 17) on the speaker and then to a suitable power outlet.
5. **Initial Power On:** Flip the AC Power Switch (Item 15) to the 'ON' position. The speaker's display and LED lights should activate.

OPERATING INSTRUCTIONS

Power On/Off

- To turn on, ensure the voltage switch is correct, then press the AC Power Switch to 'ON'.
- To turn off, press the AC Power Switch to 'OFF'.

Bluetooth Pairing

1. Turn on the MX-PS1501 speaker.
2. The speaker will automatically enter Bluetooth pairing mode. The DSP Monitor (Item 2) will show "Bluetooth" and may flash.
3. On your mobile device (smartphone, tablet, etc.), enable Bluetooth and search for available devices.
4. Select "MX-PS1501" from the list of devices.
5. Once paired, the speaker will indicate a successful connection, and the DSP Monitor will show "Bluetooth" steadily.
6. Adjust the Bluetooth Volume Knob (Item 6) and your device's volume to control the audio output.

True Wireless Stereo (TWS) Pairing

TWS allows you to connect two MX-PS1501 speakers wirelessly for a stereo sound experience.



Image: Two Memorex MX-PS1501 speakers operating in True Wireless Stereo (TWS) mode, enhancing the audio experience.

1. Ensure both MX-PS1501 speakers are powered on and not connected to any Bluetooth device.
2. On one speaker (this will be the master speaker), press and hold the TWS button (part of Item 4, Control Panel) for a few seconds until you hear a prompt or see an indicator.
3. The master speaker will search for the second speaker.
4. Once connected, both speakers will indicate successful TWS pairing.
5. Now, connect your mobile device to the master speaker via Bluetooth as described above. Audio will play through both speakers in stereo.

USB/SD Playback

1. Insert a USB drive into the USB Slot (Item 3) or an SD card into the designated slot (if available, not explicitly shown but mentioned in description).
2. The speaker should automatically detect the media and begin playback.
3. Use the Control Panel buttons (Item 4) for Play/Pause, Next Song, and Volume adjustments.

Microphone/Line Input

1. Connect your wired microphone or line-level audio source (e.g., mixer, instrument) to the Mic/Line XLR Input (Item 10 or 11).
2. Adjust the Mic Line Input Volume Knob (Item 7 or 8) to control the input level.

Aux Input

1. Connect an external audio device (e.g., laptop, MP3 player) to the Aux 3.5mm Input / RCA Input (Item 12) using the appropriate cable.
2. Adjust the volume from your connected device and the master volume on the speaker.

LED Lighting Control

- Press the LED Switch Mode Button (Item 14) to cycle through various lighting effects.
- Continue pressing to turn the LED lights off.

DSP Modes

- Use the DSP Preset Select (Item 1) to choose from available sound modes like Standard, Live, Monitor, or Vocal.
- The selected mode will be displayed on the DSP Monitor (Item 2).

MAINTENANCE

- **Cleaning:** Disconnect the power before cleaning. Use a soft, dry cloth to wipe the exterior of the speaker. Do not use liquid cleaners or abrasive materials.
- **Storage:** When not in use for extended periods, store the speaker in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Ventilation:** Ensure the speaker's ventilation openings are not blocked to prevent overheating.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cable not connected; Power switch off; Incorrect voltage selection; Power outlet fault.	Ensure power cable is securely connected. Turn power switch ON. Verify voltage switch (110V/230V) is correct. Test power outlet with another device.
No sound output	Volume too low; Incorrect input selected; Device not paired (Bluetooth); Cable connection issues.	Increase speaker volume and source device volume. Ensure correct input mode is active. Re-pair Bluetooth device. Check all audio cables for secure connection.
Bluetooth not connecting	Speaker not in pairing mode; Device too far; Interference; Already connected to another device.	Ensure speaker is in Bluetooth pairing mode. Move device closer to speaker. Avoid obstacles. Disconnect from other Bluetooth devices.
TWS pairing failed	Speakers too far apart; One speaker already paired via Bluetooth; Incorrect pairing procedure.	Ensure both speakers are close and not connected to any Bluetooth device. Follow TWS pairing steps carefully.
Distorted sound	Volume too high (clipping); Source audio quality poor; Incorrect DSP mode.	Reduce volume on both speaker and source device. Use a high-quality audio source. Try different DSP modes.

SPECIFICATIONS

Technical specifications for the Memorex MX-PS1501 PA Speaker:

Feature	Detail
Model Number	MX-PS1501
Speaker Type	PA Speaker, Portable
Woofer Size	15-inch with 33 oz magnet, 2-inch voice coil
Tweeter Size	1-inch Titanium Diaphragm
Amplifier Type	Bi-Amp Class AB
RMS Power Output	180 Watts
PMPO Power Output	1800 Watts
Bluetooth Version	5.3
Connectivity	Bluetooth 5.3, USB, SD (implied), XLR (Mic/Line), 3.5mm Aux, RCA, XLR Mix Out
Special Features	TWS Pairing, Dynamic LED Lighting, DSP Presets, Translucent Cabinet, Wheels, Top Handle
Dimensions (D x W x H)	13"D x 19"W x 28"H
Power Input	AC 110V/230V (Switchable)
UPC	838689000888



Image: Side and front views of the Memorex MX-PS1501 speaker, illustrating its physical dimensions.

WARRANTY AND SUPPORT

The Memorex MX-PS1501 PA Speaker comes with a **1-Year Limited Warranty** from the date of purchase. This warranty covers manufacturing defects in materials and workmanship under normal use.

For warranty claims, technical support, or service inquiries, please contact Memorex customer support. Please have your model number (MX-PS1501) and proof of purchase ready.

Contact information for Memorex customer support is typically found on the manufacturer's website or included in the product packaging.

