

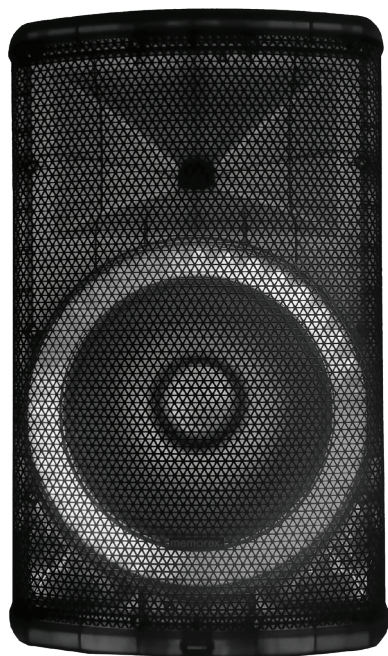
**mem::rex®**

PROFESSIONAL

**15-INCH PA SPEAKER  
WITH TRANSLUCENT CABINET**

MODEL **MX-PS1501**

OPERATION MANUAL



ENGLISH

SPECIAL NOTES

For users in U.S.



**CAUTION**  
RISK OF ELECTRIC SHOCK DO NOT OPEN



**CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.**

**Explanation of Graphical Symbols:**



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

**WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.**

**FOR YOUR RECORDS**

For your assistance in reporting this unit in case of loss or theft, please record below the model number and serial number which are located at the bottom of the unit.

Please retain this information.

Model number \_\_\_\_\_

Serial number \_\_\_\_\_

Date of purchase \_\_\_\_\_

Place of purchase \_\_\_\_\_

To obtain service or product information, call **1-877-506-4900**

FCC COMPLIANCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Consult the dealer or an experienced radio/TV technician for help.

**CAUTION:** To reduce the risk of electric shock, do not remove cover (or back). No userserviceable parts inside. Refer servicing to qualified service.

**FCC NOTICE:**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including that may cause undesired operation.

**FCC Radiation Exposure Statement:**

The product comply with the US portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

## IMPORTANT SAFETY INSTRUCTIONS

Electricity is used to perform many useful functions, but it can also cause personal injuries and property damage if improperly handled. This product has been engineered and manufactured with the highest priority on safety. However, improper use can result in electric shock and/or fire. In order to prevent potential danger, please observe the following instructions when installing, operating and cleaning the product. To ensure your safety and prolong the service life of this product, please read the following precautions carefully before use.

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) 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.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer.
- 12) 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.
- 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14) 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.



### Additional Safety Information

- 15) Power Sources - This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For product intended to operate from battery power, or other sources, refer to the operating instructions.
- 16) Overloading - Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
- 17) Object and Liquid Entry - Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock.  
To prevent fire or shock hazard, do not expose this appliance to dripping or splashing. No objects filled with liquids, such as vases, shall be placed on the apparatus.
- 18) Damage Requiring Service - Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
  - a.  When the AC cord or plug is damaged,
  - b.  If liquid has been spilled, or objects have fallen into the product,
  - c.  If the product has been exposed to rain or water,
  - d.  If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation,
  - e.  If the product has been dropped or damaged in any way, and
  - f.  When the product exhibits a distinct change in performance - this indicates a need for service.
- 19) Replacement Parts - When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
- 20) Safety Check - Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.
- 21) Wall or ceiling mounting - When mounting the product on a wall or ceiling, be sure to install the product according to the method recommended by the manufacturer.
- 22) Power Lines - An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.
- 23) Protective Attachment Plug - The product is equipped with an attachment plug having overload protection. This is a safety feature. See Instruction Manual for replacement or resetting of protective device. If replacement of the plug is required, be sure the service technician has used a replacement plug specified by the manufacturer that has the same overload protection as the original plug.
- 24) Stand - Do not place the product on an unstable cart, stand, tripod or table. Placing the product on an unstable base can cause the product to fall, resulting in serious personal injuries as well as damage to the product. Use only a cart, stand, tripod, bracket or table recommended by the manufacturer or sold with the product. When mounting the product on a wall, be sure to follow the manufacturer's instructions. Use only the mounting hardware recommended by the manufacturer.

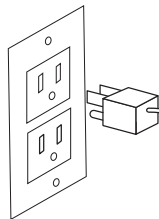
## SYSTEM CONNECTIONS

### AC connection

Please ensure that the voltage marked on the rating label, located on the rear panel, is the same as the voltage in your area. Insert the end of the power lead into the AC IN socket on the back of the unit. Plug the other end of the cable into the wall socket.

**CAUTION:**  
**TO PREVENT ELECTRIC**  
**SHOCK MATCH WIDE**  
**BLADE OF PLUG TO WIDE**  
**SLOT, FULLY INSERT.**

AC outlet  
 (AC 100 - 240V~50/60 Hz)



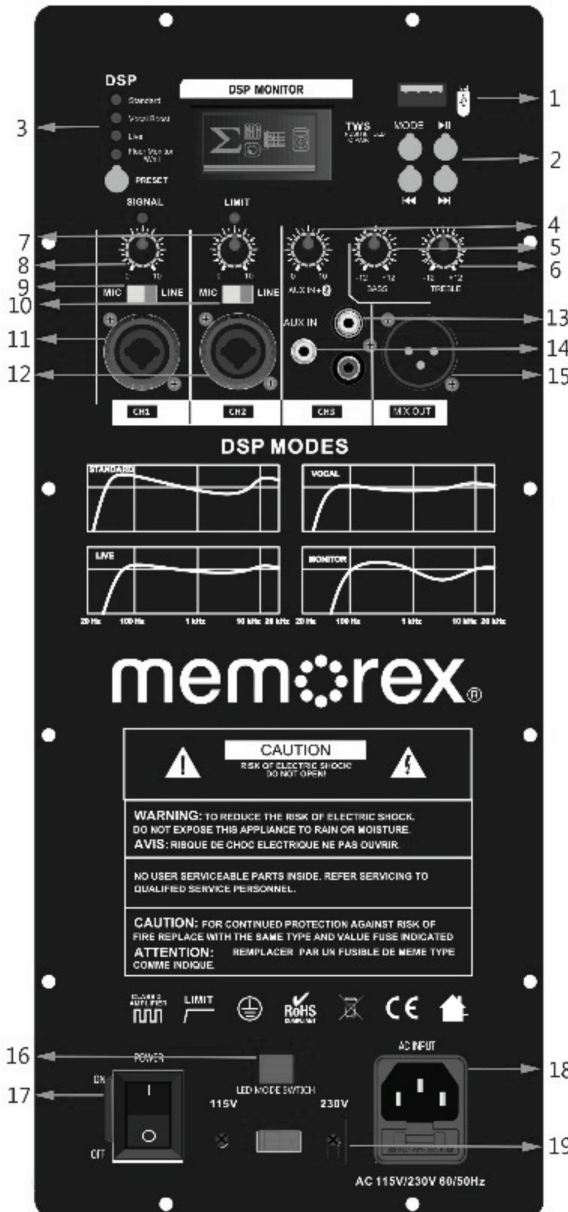
Before using this unit, it is recommended that the internal lead-acid battery is fully charged. When the battery is full, the charge light will turn green. When fully charged, remove the AC/DC adaptor from the wall socket. When the battery charge is low, battery indicator will flash at the minimum level.

**WARNING:**

Do not attempt to change or replace the battery.  
 This can only be carried out by a qualified technician.

PRODUCT OVERVIEW

Control Panel



1. USB: Insert a USB storage device to play back your stored music.
2. Control panel:
  - a. MODE: Short press to select BLUETOOTH /USB, long press to TWS pair
  - b. ◀◀ /VOL-: Short press for previous song, long press for volume down.
  - c. ▶▶ /VOL+: Short press to skip to next song, long press to increase volume.
  - d. ▶|| /: Short press to Play & Pause the music.
3. DSP preset select: Standard/ Volcal Boost/Live/Floor Monitor
4. RCA /Bluetooth volume control
5. BASS: Rotate the knob to adjust BASS to your desired level.
6. TREBLE: Rotate knob to adjust treble settings to your desired levels.
7. MIC /LINE input volume: Rotate the knob to adjust the MIC volume to your desired level.
8. MIC /LINE input volume: Rotate the knob to adjust the MIC volume to your desired level.
9. MIC /LINE input switch
10. MIC /LINE input switch
11. MIC /LINE XLR input
12. MIC /LINE XLR input
13. AUX 3.5mm input
14. RCA input
15. MIX XLR output
16. LED Switch: Press to switch on /off the lights.
17. POWER: Press to switch on /off the speaker.
18. AC Power: Connect the detachable power cord to speaker and plug in to the main wall outlet.
19. AC 110/230W voltage switch

## BLUETOOTH OPERATION

1. Press and hold the MODE button on the unit to switch to BLUETOOTH function, the first light blinks, and when the connection is successful stops blinking.
2. Turn on the Bluetooth function on the device, scan the unit “MEM-PS-1501” and connect, then input the password 0000 if required, the indicator keeps light up to indicate connection done. Press Play to start playback.
3. Rotate the VOLUME knob on the unit or adjust the volume on the external device to increase or decrease the music volume to your desired level.
4. Press and hold the button to disconnect Bluetooth.

Note: The Bluetooth works best within 32 ft (10 meters) in open air.

## USB/SD CARD OPERATION

This unit provides one USB terminal for music playback.

1. Plug the USB memory stick or SD card to the USB or SD terminal on the rear of the unit. The unit will switch to USB/SD mode automatically. Playback will start automatically from Track 1.
2. To pause playback, press the PLAY/PAUSE button on the unit.
3. To resume playback, press the PLAY/PAUSE button again.

## TWS/ TRUE WIRELESS STEREO

1. This allows for two MX-PS1501 speaker system to be connected together as a left and right stereo speakers for a real stereo experience. The first connected speaker is the master one and the second the slave.
2. Two speakers are in BT mode, press and hold the TWS button (5) on the panel of any speaker for LINK connection, short press the TWS button once, after the two power amplifiers LINK successfully, the host Bluetooth indicator flashes (waiting for the connection with the mobile phone or other devices), the secondary BT indicator will not flash, and the main and secondary speakers have voice prompts after the LINK is successful.
3. Enable the wireless connection function on your mobile device and select “MEM-PS1501”.

## TROUBLESHOOTING GUIDE

Symptom	Possible Cause
The power is not turned on.	<ul style="list-style-type: none"> <li>• Check to make sure the speaker is plugged in to a live AC outlet.</li> <li>• Make sure the POWER switch is on.</li> </ul>
No sound is heard.	<ul style="list-style-type: none"> <li>• Make sure input LEVEL control turned up.</li> <li>• Make sure signal source device is working and the connecting cables are in good shape and securely connected at both ends.</li> <li>• Make sure the output volume control on the speaker is turned up.</li> </ul>
Noise is heard during playback.	<ul style="list-style-type: none"> <li>• Move the speaker away from any computers or mobile phones.</li> <li>• If the sound is loud and distorted, make sure the levels are set properly on the speaker.</li> <li>• Make sure all connectors are secure and they are plugged in to the proper connector (i.e., Mic cable plugged in to MIC input, Line level source plugged in to Line Level Input)</li> <li>• It is a good idea to periodically clean all electrical connections with a non-lubricating electrical contact cleaner.</li> <li>• Make sure none of the signal cables are routed near AC cables, power transformers or other electrical power cords.</li> <li>• If humming occurs, turn the LEVEL control of the speaker all the way down. If the noise disappears, it's coming from the signal source.</li> </ul>
Bluetooth: No sound is heard.	<ul style="list-style-type: none"> <li>• The unit is too far from the Bluetooth audio source device.</li> <li>• The unit is not paired with the Bluetooth audio source device</li> </ul>
Bluetooth sound is interrupted or distorted.	<ul style="list-style-type: none"> <li>• The unit is too near to a device that generates electromagnetic radiation.</li> <li>• There is an obstacle between the unit and the Bluetooth audio source device.</li> </ul>

## SPECIFICATION

**General****Power Requirement** AC115V/230V 50/60Hz**Power Consumption** 7.5 W**Weight** 21 Kgs**Dimensions** 48.6 x 39.6 x 75.9 cm**Operation temperature** +5 °C to + 35 °C**Audio Section****Speaker size:** 15" steel frame woofer 4 Ohm**Driver:** 1.34" Titanium diaphragm 8 Ohm**Power:** 350 Watts RMS**Accessories**

AC Power cord

Instruction manual

Note: Specifications are subject to change for continuous improvement without prior notice.



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