

MIPRO MA-808V

MIPRO MA-808V Portable PA System User Manual

Model: MA-808V

INTRODUCTION

The MIPRO MA-808V is a flagship portable wireless PA system designed to deliver unparalleled audio performance and craftsmanship. This robust system features a one-piece speaker cabinet housing high-efficiency Class-D/AB amplifiers that drive high-sensitivity two-way loudspeakers. Its integrated limiter circuitry effectively reduces distortion and enhances intelligibility, ensuring powerful and clear sound reproduction. The MA-808V is an ideal public address solution for large crowds and various professional applications.

SAFETY INFORMATION

Please read and understand all safety instructions before operating the MA-808V PA system. Retain this manual for future reference.

- **Power Source:** Use only the specified power adapter or battery type. Ensure the power supply voltage matches the system's requirements.
- **Ventilation:** Do not block ventilation openings. Ensure adequate airflow around the unit to prevent overheating.
- **Water and Moisture:** Do not expose the unit to rain, moisture, or excessive humidity. Keep liquids away from the system.
- **Heat Sources:** Keep the unit away from heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.
- **Cleaning:** Unplug the unit before cleaning. Use a dry cloth for cleaning. Do not use liquid cleaners or aerosol cleaners.
- **Servicing:** Do not attempt to service this product yourself. 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.
- **Battery Safety:** If using battery power, ensure proper battery installation and disposal. Do not expose batteries to excessive heat or direct sunlight.

PRODUCT OVERVIEW

The MA-808V is a comprehensive portable PA system. Familiarize yourself with its main components and controls.



Figure 1: Front View. This image displays the front of the MA-808V PA system, highlighting the main speaker grille, the high-frequency horn, and the integrated retractable handle for portability. The MIPRO logo is visible on the speaker grille.



Figure 2: Rear View. This image shows the rear panel of the MA-808V, detailing the various control modules, including wireless receiver slots, CD/MP3 player, mixer controls for microphone and line inputs, master volume, and cooling fins. Input/output ports such as XLR, 1/4" TRS, RCA, and speaker wire terminals are also visible, along with the AC power inlet.

Key Components:

- **Speaker Cabinet:** Rugged one-piece design housing the loudspeakers.

- **Amplifiers:** High-efficiency Class-D/AB amplifiers for powerful sound.
- **Loudspeakers:** High-sensitivity two-way loudspeakers.
- **Limiter Circuitry:** Reduces distortion and increases intelligibility.
- **Control Panel (Rear):** Houses all input/output connections, volume controls, and optional module slots (e.g., wireless receivers, CD/MP3 player).
- **Retractable Handle & Wheels:** For easy transport.

SETUP

1. **Unpacking:** Carefully remove the MA-808V from its packaging. Inspect for any signs of damage during transit.
2. **Placement:** Place the PA system on a stable, flat surface. Ensure adequate space around the unit for ventilation. Avoid placing it near heat sources or in direct sunlight.
3. **Power Connection:**
 - **AC Power:** Connect the supplied AC power cord to the AC inlet on the rear panel and then to a suitable wall outlet.
 - **Battery Power:** The MA-808V can operate on its internal battery. Ensure the battery is charged before use. The charging indicator will show status.
4. **Input Connections:**
 - **Microphones:** Connect wired microphones to the XLR or 1/4" TRS input jacks. If using wireless microphones, ensure the optional wireless receiver modules are installed and paired.
 - **Line-Level Devices:** Connect audio sources like CD players, laptops, or mixers to the RCA or 1/4" TRS line input jacks.
5. **Initial Power On:** Before powering on, ensure all volume controls are set to their minimum (counter-clockwise) position. Turn on the main power switch.

OPERATING

Basic Operation:

1. **Power On:** Ensure the unit is connected to power (AC or charged battery). Flip the main power switch to the "ON" position.
2. **Volume Adjustment:**
 - Slowly increase the volume control for the specific input (e.g., Microphone 1, Line In).
 - Gradually increase the Master Volume control to achieve the desired overall sound level.
 - Monitor the sound for any distortion. If distortion occurs, reduce the volume.
3. **Tone Control:** Use the Bass and Treble controls (if available on your model/module) to adjust the tonal characteristics of the sound.
4. **Wireless Microphone Usage (if applicable):**
 - Ensure the wireless receiver module is installed and powered on.
 - Turn on the wireless microphone transmitter.
 - Pair the transmitter with the receiver according to the specific wireless module's instructions.
 - Adjust the wireless microphone volume on the PA system.
5. **Power Off:** Before powering off, reduce all volume controls to minimum. Then, flip the main power switch to the "OFF" position.

Advanced Features (Dependent on installed modules):

- **CD/MP3 Player:** If equipped, insert a CD or USB drive and use the player controls for playback.
- **Recording Output:** Connect a recording device to the designated output jack to capture your audio.
- **External Speaker Output:** The MA-808V may have an output for connecting an additional passive speaker. Ensure the impedance matches.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your MA-808V PA system.

- **Cleaning:**
 - Always unplug the unit before cleaning.
 - Use a soft, dry, lint-free cloth to wipe down the exterior surfaces.
 - Do not use abrasive cleaners, waxes, or solvents as they may damage the finish.
 - Periodically clean the ventilation grilles to prevent dust buildup.
- **Storage:**
 - When not in use for extended periods, store the unit in a cool, dry place, away from direct sunlight and extreme temperatures.
 - If storing with the internal battery, ensure the battery is partially charged (around 50%) to prolong its lifespan. Avoid storing a fully depleted or fully charged battery for long periods.
- **Battery Care:**
 - Recharge the battery regularly, even if not frequently used, to maintain its health.
 - If the battery performance significantly degrades, it may need replacement by qualified service personnel.
- **Transportation:** When transporting, ensure the retractable handle is fully extended and locked, and the wheels are functioning correctly. Secure the unit to prevent movement.

TROUBLESHOOTING

If you encounter issues with your MA-808V, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
No power	Power cord not connected; Power switch off; Depleted battery; Blown fuse.	Check power cord connection; Ensure power switch is ON; Charge battery; Consult service personnel for fuse replacement.
No sound output	Volume controls too low; Input source not connected or faulty; Mute engaged; Faulty cable.	Increase Master and input volumes; Check input source and connections; Ensure no mute function is active; Test with different cables.
Distorted sound	Volume too high (clipping); Input signal too strong; Faulty speaker.	Reduce Master or input volume; Lower input signal level; Contact service for speaker inspection.
Wireless microphone not working	Transmitter off or low battery; Receiver not powered; Incorrect frequency/pairing; Interference.	Turn on transmitter, replace batteries; Ensure receiver is powered; Re-pair transmitter and receiver; Move away from interference sources.

Problem	Possible Cause	Solution
Short battery life	Battery not fully charged; Old battery; High volume usage.	Ensure full charge cycle; Battery may need replacement; Reduce volume for longer battery life.

If the problem persists after trying these solutions, please contact MIPRO customer support or a qualified service technician.

SPECIFICATIONS

Feature	Detail
Model	MA-808V
Output Wattage	267 Watts
Power Source	Battery Powered / AC Power
Mounting Type	Tabletop (Portable)
Material	Copper (internal components), Durable Composite (cabinet)
Number of Channels	16 (for wireless modules, if installed)
Connectivity Technology	XLR, 1/4" TRS, RCA, Speaker Wire
Product Dimensions (L x W x H)	28 x 18 x 18 inches
Item Weight	55 pounds
Color	Black
UPC	642892788446

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact MIPRO customer service or your authorized dealer.

Refer to the official MIPRO website or the documentation included with your purchase for the most up-to-date warranty terms and contact details.

Online Resources: For additional resources, FAQs, and software/firmware updates, visit the official MIPRO website.

