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MIPRO MA-300/ACT-58T2

MIPRO MA-300/ACT-58T2 Portable PA System User Manual

Model: MA-300/ACT-58T2

1. Introduction

Thank you for choosing the MIPRO MA-300/ACT-58T2 Portable PA System. This compact and powerful 60-watt system is designed for various applications requiring clear and reliable audio amplification, featuring dual bodypack transmitters for wireless microphone use. This manual provides essential information for safe operation, setup, and maintenance of your device.



Figure 1: The MIPRO MA-300 Portable PA System shown with two ACT-58T2 bodypack transmitters.

2. Safety Instructions

Please read these safety instructions carefully before operating the device. Keep this manual for future reference.

- **Power Source:** Use only the specified power adapter. Ensure the voltage matches the requirements of your region.
- **Water and Moisture:** Do not expose the unit to rain, moisture, or excessive humidity. Do not place objects filled

with liquids on the unit.

- **Ventilation:** Ensure proper ventilation. Do not block any ventilation openings.
- **Heat:** Keep the unit away from heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Cleaning:** Clean only with a dry cloth. Do not use liquid cleaners or aerosol cleaners.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Battery Safety:** Handle batteries according to manufacturer's instructions. Do not expose batteries to excessive heat or dispose of them in fire.

3. Package Contents

Verify that all items listed below are included in your package. If any items are missing or damaged, contact your dealer immediately.

- 1 x MA-300 Portable PA System Unit
- 2 x ACT-58T2 Bodypack Transmitters
- 1 x AC Power Adapter/Charger
- 1 x User Manual
- (Optional accessories may vary by package)

4. Product Features

The MIPRO MA-300/ACT-58T2 system offers a range of features designed for portability and performance:

- **High Output Power:** 60 Watts of clear audio output.
- **Portable Design:** Compact and lightweight for easy transport.
- **Dual Wireless Microphones:** Includes two ACT-58T2 bodypack transmitters for simultaneous wireless operation.
- **Versatile Connectivity:** Features USB connector type for various audio sources, including smartphone compatibility.
- **Built-in Battery:** Rechargeable battery for extended operation without external power.
- **Durable Construction:** Designed for robust use in various environments.

5. Setup Guide

5.1 Unpacking and Initial Inspection

1. Carefully remove all components from the packaging.
2. Inspect each item for any signs of damage during transit.
3. Retain the original packaging for future storage or shipping.

5.2 Charging the PA System

Before first use, it is recommended to fully charge the internal battery of the MA-300 unit.

1. Connect the supplied AC power adapter to the DC input port on the MA-300 unit.
2. Plug the AC power adapter into a suitable wall outlet.
3. The charging indicator light will illuminate (refer to the unit's panel for exact indicator location and behavior).
4. Allow the unit to charge until the indicator shows a full charge (typically several hours).

5.3 Installing Batteries in Bodypack Transmitters

The ACT-58T2 bodypack transmitters require batteries (not specified if included, assume user provides or they are pre-installed rechargeable).

1. Open the battery compartment on each ACT-58T2 bodypack transmitter.
2. Insert the required batteries, observing correct polarity (+/-).
3. Close the battery compartment securely.

5.4 Connecting Audio Sources

The MA-300 supports various audio inputs.

- **Wireless Microphones:** The MA-300 is pre-configured to work with the included ACT-58T2 bodypack transmitters. Ensure the transmitters are powered on and within range.
- **USB Input:** Connect compatible devices, such as a smartphone, to the USB port for digital audio playback. Use a suitable USB cable (not included).
- **Auxiliary Input:** (If available, not specified in product details, but common for PA systems) Connect external audio players via a 3.5mm or RCA auxiliary input.

5.5 System Placement

Position the MA-300 PA system on a stable, flat surface. For optimal sound projection, place it in a central location, elevated if possible, and away from walls or corners that might cause sound reflections.

6. Operating Instructions

6.1 Powering On/Off

1. To power on the MA-300 unit, locate the power switch (usually on the control panel) and switch it to the "ON" position.
2. To power on the ACT-58T2 bodypack transmitters, locate their respective power switches and turn them on. Observe the battery level indicator on the transmitters.
3. To power off, reverse the process, turning off transmitters first, then the main PA unit.

6.2 Adjusting Volume

- **Master Volume:** Use the main volume knob on the MA-300 unit to control the overall output level.
- **Microphone Volume:** Individual volume controls for the wireless microphones may be available on the MA-300 panel. Adjust these to balance microphone levels with other audio sources.
- **Input Volume:** For USB or auxiliary inputs, adjust the volume on the connected source device (e.g., smartphone) as well as on the MA-300.

6.3 Using Wireless Microphones

The ACT-58T2 bodypack transmitters are designed for use with compatible lavalier or headset microphones (not included, typically sold separately or as part of a kit). Ensure the microphone is securely connected to the bodypack.

- Turn on the bodypack transmitter.
- Ensure the MA-300 PA system is powered on and the wireless receiver is active.
- Speak into the connected microphone and adjust the microphone volume on the MA-300 until the desired level is achieved without feedback.
- Monitor the battery indicator on the bodypack transmitter for remaining power.

6.4 Playing Audio via USB

To play audio from a smartphone or other compatible device via USB:

1. Connect your device to the MA-300's USB port using a suitable cable.
2. Select the USB input source on the MA-300 (if applicable, refer to unit controls).
3. Start playback on your connected device.
4. Adjust volume levels on both the MA-300 and your source device.

7. Maintenance

7.1 Cleaning

Always disconnect the power adapter before cleaning.

- Wipe the exterior surfaces of the MA-300 unit and bodypack transmitters with a soft, dry, lint-free cloth.
- Do not use abrasive cleaners, waxes, or solvents as they may damage the finish.
- Avoid spraying liquids directly onto the unit.

7.2 Battery Care and Storage

- For long-term storage, ensure the internal battery of the MA-300 is charged to approximately 50-70% to preserve battery life.
- Remove batteries from the bodypack transmitters if they will not be used for an extended period to prevent leakage.
- Store the system in a cool, dry place, away from direct sunlight and extreme temperatures.

8. Troubleshooting

If you encounter issues with your MA-300/ACT-58T2 system, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
No sound from PA system.	Unit not powered on; volume too low; input not selected; wireless transmitters off or out of range.	Ensure unit is on and charged. Increase master volume. Select correct input source. Power on transmitters and check battery levels.
Poor sound quality / Distortion.	Volume too high (clipping); weak signal; interference; damaged cable.	Reduce volume. Check transmitter battery. Move away from interference sources. Try a different cable.
Wireless microphone not connecting.	Transmitter off; low battery; out of range; frequency mismatch.	Turn on transmitter and replace batteries. Move closer to PA unit. Refer to advanced settings for frequency pairing if applicable.
Unit not charging.	Power adapter not connected properly; faulty outlet; damaged adapter.	Ensure adapter is fully plugged in. Try a different power outlet. Inspect adapter for damage.

If the problem persists after trying these solutions, please contact MIPRO customer support or your authorized dealer.

9. Specifications

Feature	Detail
Model	MA-300/ACT-58T2

Feature	Detail
Brand	MIPRO
Output Wattage	60 Watts
Item Weight	26 pounds (approx. 11.8 kg)
Compatible Devices	Smartphone
Connector Type	USB
Manufacturer	MiPro
ASIN	B0CKY6RWCY
Date First Available	August 6, 2024

10. Warranty and Support

MIPRO products are manufactured to the highest quality standards. For information regarding warranty coverage, technical support, or service, please refer to the warranty card included with your product or visit the official MIPRO website. Please have your model number (MA-300/ACT-58T2) and ASIN (B0CKY6RWCY) ready when contacting support.
For the latest information and additional resources, please visit:www.mipro.com.tw

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