MIPRO MA-100/ACT-58T

MA-100/ACT-58T Bodypack Wireless PA System User Manual

Model: MA-100/ACT-58T | Brand: MIPRO

1. INTRODUCTION

The MIPRO MA-100/ACT-58T is an ultra-compact and lightweight wireless PA system designed for portability and ease of use. This system offers a comprehensive set of features suitable for various public address applications, including small gatherings, conferences, and outdoor events. Its design allows for convenient transport via a padded shoulder strap, built-in handle, or mounting on a microphone stand. This manual provides essential information for the proper setup, operation, and maintenance of your MA-100/ACT-58T system.

2. SAFETY INFORMATION

Please read and understand all safety instructions before operating this device. Retain this manual for future reference.

- Do not expose the unit to rain or moisture to prevent fire or electric shock.
- 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.
- Only use attachments/accessories specified by the manufacturer.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way.
- Dispose of batteries properly. Do not expose to excessive heat.

3. PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- MIPRO MA-100 Portable PA System Unit
- MIPRO ACT-58T Bodypack Transmitter
- Lavalier Microphone with cable and clip
- Power Adapter/Charger
- Shoulder Strap
- User Manual (this document)

4. PRODUCT OVERVIEW

Figure 4.1: Overview of the MIPRO MA-100 Portable PA System, ACT-58T Bodypack Transmitter, and included lavalier microphone. The main unit features a speaker grille on the left, control panel on the right, and a carrying strap.

4.1. MA-100 Main Unit Controls and Indicators

- **Speaker Grille:** Located on the left side, protecting the internal speaker. Features the "MIPRO" logo.
- **Carrying Strap:** Attached to the top for easy portability.
- **ALARM Button:** Activates an alarm sound.
- **CH1 Display:** Digital display showing the current channel (e.g., "7").
- **RF Indicator:** Lights up when a radio frequency signal is received.
- **SCAN/ACT Button:** Used for scanning available frequencies and activating pairing.
- **POWER Indicator:** Illuminates when the unit is powered on.
- **POWER/MIC VOL Knob:** Controls the overall power and microphone volume.

- **CH1 VOL Knob:** Adjusts the volume for Channel 1.
- **RECEIVER Section:** Contains controls and displays related to the wireless receiver.
- **LINE VOL Knob:** Adjusts the volume for the line input.
- **LINE IN Jack:** Audio input for external devices.
- **USB VOL Knob:** Adjusts the volume for USB playback.
- **USB Port:** For USB media playback.
- **LINE OUT Jack:** Audio output to connect to other audio systems.
- **DC IN Jack:** Power input for charging and operation.
- **Media Player Controls:** Buttons for PLAY/PAUSE, STOP, PREV/TEN, NEXT/TEN for USB media.

4.2. ACT-58T Bodypack Transmitter

- **Battery Level Indicator:** Displays the current battery charge.
- **ON/OFF Switch:** Powers the transmitter on or off.
- **ACT Button:** Used for automatic channel targeting (ACT) synchronization with the receiver.
- **Microphone Input:** Jack for connecting the lavalier microphone.

5. SETUP

5.1. Charging the Unit

1. Connect the provided power adapter to the **DC IN** jack on the MA-100 unit.
2. Plug the power adapter into a suitable AC power outlet.
3. The unit will begin charging. The power indicator may change color or state to indicate charging status (refer to specific LED behavior in the quick start guide if available).
4. Ensure the unit is fully charged before first use for optimal battery life.

5.2. Connecting the Bodypack Transmitter

1. Connect the lavalier microphone's 3.5mm plug into the microphone input jack on the ACT-58T Bodypack Transmitter.
2. Ensure the connection is secure.

5.3. Pairing the Transmitter with the PA System (ACT Sync)

1. Power on the MA-100 PA system by rotating the **POWER/MIC VOL** knob clockwise.
2. Press the **SCAN/ACT** button on the MA-100 unit to find an available clear frequency. The **CH1 Display** will show the selected channel.
3. Power on the ACT-58T Bodypack Transmitter using its **ON/OFF** switch.
4. Align the IR (infrared) port of the ACT-58T transmitter with the IR sensor on the MA-100 receiver (usually near the SCAN/ACT button).
5. Press and hold the **ACT** button on the ACT-58T transmitter until the channel on the transmitter synchronizes with the MA-100 unit. The **RF Indicator** on the MA-100 should illuminate, indicating a successful connection.

6. OPERATING INSTRUCTIONS

6.1. Basic Audio Operation

1. After successful pairing, speak into the lavalier microphone.

2. Adjust the microphone volume using the **POWER/MIC VOL** knob.

3. If using an external audio source via the **LINE IN** jack, connect the device and adjust its volume using the **LINE VOL** knob.

4. For USB media playback, insert a USB drive into the **USB Port** and use the **Media Player Controls** (PLAY/PAUSE, STOP, PREV/TEN, NEXT/TEN) to manage playback. Adjust volume with the **USB VOL** knob.

6.2. Bluetooth Connectivity

The MA-100 supports Bluetooth audio input, allowing wireless streaming from compatible devices like smartphones.

1. Ensure the MA-100 is powered on.

2. Activate Bluetooth on your smartphone or other compatible device.

3. Search for available Bluetooth devices and select "MIPRO MA-100" (or similar name) from the list.

4. Once paired, you can stream audio wirelessly to the PA system. Adjust volume using the relevant controls on the MA-100 and your source device.

6.3. Recommended Uses

The MA-100/ACT-58T system is ideal for:

- Concerts (small venues)
- Conferences and presentations
- Outdoor events and gatherings
- Educational institutions (schools)
- Tour guides and public speaking

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use liquid cleaners or aerosols.
- **Storage:** Store the unit in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery life, fully charge the unit before long periods of storage and recharge every 3-6 months if not in use. Avoid completely draining the battery frequently.
- **Microphone Care:** Keep the microphone clean and dry. Avoid dropping or subjecting it to harsh impacts.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from PA system.	- Unit not powered on. - Volume knobs turned down. - Transmitter not paired or off. - Microphone not connected.	- Ensure unit is powered on. - Increase **POWER/MIC VOL**, **CH1 VOL**, **LINE VOL**, or **USB VOL**. - Perform ACT sync (Section 5.3). Ensure transmitter is on. - Check microphone connection to bodypack.

Problem	Possible Cause	Solution
Poor sound quality / Static.	- Interference from other devices. - Low battery on transmitter or main unit. - Transmitter too far from receiver.	- Press **SCAN/ACT** to find a clear channel. - Charge the unit and transmitter. - Reduce distance between transmitter and PA system.
Bodypack transmitter not working.	- Battery depleted. - Not powered on. - Not paired with PA system.	- Check battery level indicator and replace/recharge batteries. - Ensure **ON/OFF** switch is in the ON position. - Perform ACT sync (Section 5.3).

9. SPECIFICATIONS

Feature	Detail
Model Number	MA-100/ACT-58T
Brand	MIPRO
Power Source	Battery Powered
Connector Type	Aux
Material	Plastic
Number of Channels	1
Audio Input	Bluetooth
Connectivity Technology	Bluetooth
Color	Black
Compatible Devices	Smartphone
Mounting Type	Tabletop
Item Weight	10 pounds

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. Keep your proof of purchase for warranty claims.