

MIPRO ACT-311H

MIPRO ACT-311 Hand Wireless Microphone System User Manual

Model: ACT-311H

1. INTRODUCTION

This user manual provides comprehensive instructions for the operation, setup, and maintenance of your MIPRO ACT-311 Hand Wireless Microphone System. This system is designed for reliable and high-quality audio transmission, offering freedom of movement for various applications.

2. SAFETY INFORMATION

- Do not expose the system to rain or moisture.
- Avoid extreme temperatures, direct sunlight, or excessive humidity.
- Do not attempt to disassemble or modify the unit. Refer all servicing to qualified personnel.
- Ensure proper ventilation around the receiver unit.
- Use only the specified power adapter for the receiver.
- Dispose of batteries responsibly according to local regulations.

3. PACKAGE CONTENTS

Please check that all items listed below are present in your package:

- MIPRO ACT-311 Receiver Unit
- MIPRO ACT-311H Handheld Wireless Microphone
- Power Adapter for Receiver
- Audio Cable (XLR to 1/4" Jack)
- Antennas (2x)
- User Manual (this document)

4. PRODUCT OVERVIEW



Figure 4.1: MIPRO ACT-311 Hand Wireless Microphone System. The image displays the black ACT-311 diversity receiver unit with two vertical antennas, and a black ACT-311H handheld wireless microphone resting diagonally on top of the receiver. Both the receiver and microphone have digital displays showing frequency or channel information.

4.1 Receiver Unit (ACT-311)

- **Front Panel:** Power button, LCD display (showing channel, frequency, RF/AF levels), SET/ACT/UP/DOWN buttons for configuration.
- **Rear Panel:** DC power input, XLR balanced output, 1/4" unbalanced output, antenna connectors.

4.2 Handheld Microphone (ACT-311H)

- **Microphone Head:** Integrated grille protecting the microphone capsule.
- **Body:** Power switch, LCD display (showing battery status, channel, frequency), ACT sync window.
- **Battery Compartment:** Located at the bottom, accessible by unscrewing the base.

5. SETUP

1. **Connect Antennas:** Screw the two antennas onto the connectors at the rear of the ACT-311 receiver.
2. **Power Connection:** Connect the supplied power adapter to the DC input on the receiver and plug it into a power outlet.
3. **Audio Output:** Connect the receiver's XLR or 1/4" output to your mixer, amplifier, or audio interface using the appropriate audio cable.
4. **Install Batteries (Microphone):** Unscrew the bottom cap of the ACT-311H microphone. Insert two fresh AA batteries, observing polarity (+/-). Screw the cap back on.
5. **Power On:** Press the power button on the receiver. The LCD display will illuminate.
6. **Frequency Synchronization (ACT Sync):**
 - On the receiver, select your desired channel/frequency using the UP/DOWN buttons.
 - Press the ACT button on the receiver. The ACT indicator will flash.
 - Align the ACT sync window on the microphone with the ACT sync port on the receiver (usually near the ACT button). Hold them close until the microphone's display shows the synchronized channel/frequency.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

- **Receiver:** Press the POWER button on the front panel.
- **Microphone:** Slide the power switch on the microphone body to the ON position.

6.2 Adjusting Volume

The output volume of the receiver can be adjusted via your connected mixer or amplifier. The microphone itself does not have a volume control.

6.3 Channel Selection

If you experience interference, you may need to change the operating channel. Use the UP/DOWN buttons on the receiver to select a new channel, then perform the ACT sync process again with the microphone.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the receiver and microphone. Do not use liquid cleaners or solvents.
- **Battery Care:** Remove batteries from the microphone if it will not be used for an extended period to prevent leakage.
- **Storage:** Store the system in a cool, dry place, away from direct sunlight and extreme temperatures.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from microphone.	Microphone or receiver not powered on; Batteries low/dead; Incorrect channel; Audio cable disconnected.	Ensure both units are on; Replace batteries; Perform ACT sync; Check audio cable connections.
Interference or static.	Other wireless devices nearby; Operating too far from receiver; Obstructions.	Change channel on receiver and re-sync microphone; Reduce distance to receiver; Ensure clear line of sight.
Low audio level.	Input level on mixer/amplifier too low; Microphone not close enough to sound source.	Increase input gain on connected audio equipment; Position microphone closer to the sound source.

9. SPECIFICATIONS

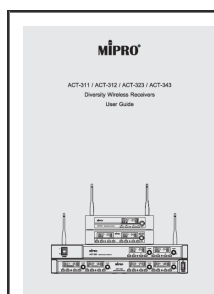
Feature	Detail
Model	ACT-311H (Microphone), ACT-311 (Receiver)
Colour	Black
Microphone Form Factor	Microphone System
Polar Pattern	Omnidirectional

Feature	Detail
Impedance	600 Ohm
Power Source	Battery Powered (Microphone)
Material	Metal
Signal-to-Noise Ratio	78 dB
Number of Channels	8
Frequency Range	100 Hz - 10 KHz
Frequency Response	16 KHz
Connectivity Technology	Wireless
Connector Type	XLR
Compatible Devices	Karaoke Machine
Item Weight	113 g (Microphone)
Country of Origin	Taiwan

10. WARRANTY AND SUPPORT


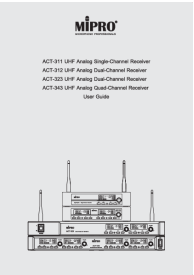
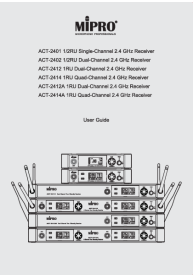

For warranty information and technical support, please refer to the documentation provided with your purchase or contact your local MIPRO distributor. Keep your proof of purchase for warranty claims.

Related Documents - ACT-311H



[MIPRO ACT-311/312/323/343 Diversity Wireless Receivers User Guide](#)

User guide for MIPRO ACT-311, ACT-312, ACT-323, and ACT-343 Diversity Wireless Receivers, covering safety instructions, part identification, installation, operation, and LCD screen features.

	<p>MIPRO ACT-800H/700H/500H/580H/240H Handheld Wireless Microphone User Guide</p> <p>Comprehensive user guide for MIPRO ACT-800H, ACT-700H, ACT-500H, ACT-580H, and ACT-240H handheld wireless microphones. Covers parts identification, battery insertion and charging, operating instructions, LCD details, error codes, cautions, and regulatory information.</p>
	<p>MIPRO ACT-311, ACT-312, ACT-323, ACT-343 UHF Analog Receiver User Guide</p> <p>Comprehensive user guide for MIPRO ACT-311, ACT-312, ACT-323, and ACT-343 UHF Analog Receivers, covering installation, operation, safety, and settings.</p>
	<p>MIPRO ACT-2400 Series 2.4 GHz Digital Receiver User Guide</p> <p>This user guide provides comprehensive information on the MIPRO ACT-2400 series 2.4 GHz digital receivers, covering safety instructions, installation, operation, parameter settings, and troubleshooting.</p>
	<p>MIPRO ACT-800H UHF Digital Handheld Wireless Microphone User Guide</p> <p>Comprehensive user guide for the MIPRO ACT-800H UHF Digital Handheld Wireless Microphone, covering part names, battery insertion and replacement, operating instructions, LCD display information, cautions, and error codes.</p>



[MIPRO ACT Series Bodypack Transmitters User Guide](#)

Comprehensive user guide for MIPRO ACT-800T, ACT-700T, ACT-500T, ACT-300T, ACT-240T, and ACT-580T UHF Digital and Analog Bodypack Transmitters. Covers part names, battery insertion, operation, LCD display, and wiring.