

AIRWAVE TECHNOLOGIES

AW-TECH MOBILE

Wireless Lavalier Microphone System



User Manual

AirwaveTechnologies.com

Thank you for purchasing the AW-TECH MOBILE Wireless Microphone from AIRWAVE TECHNOLOGIES. Please read all instructions before use.

Main Features

- 50 channels for use in a wide range of environments
- Transmission distance up to 100 feet
- Receiver end has monitoring function
- Automatic ID matching function
- Volume is adjustable in 10 steps
- Mono/Stereo Switch
- Two input modes, MIC and LINE IN
- Transmitter function display screen
- Built-in lithium battery
- Ultra-low power consumption with extended standby time
- Aluminum metal shell with superior shielding performance

Notes

- Do not use this equipment in rain or damp environments.
- Keep away from fire or high temperatures.
- At the time of startup and automatic code checking, Receiver and Transmitter should be in close range otherwise the coding may not succeed.
- The antenna affects receiving distance. Please protect it and avoid any damage.
- When device is in storage for an extended period, remove the battery and store in a dry environment.
- Charging time of the device is approximately 3 hours, standby time of the transmitter is approximately 8 hours and the standby time of the receiver is approximately 5 hours.
- When in use and power is almost drained, the indicator light will flash alerting the user to approximately 20 minutes of operation time remaining.

Warranty

At Airwave Technologies, we believe in and stand behind all of our quality products.

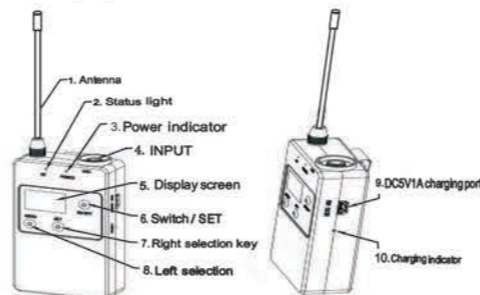
Any reasonable warranty claim will be honored within a one year period from the date of purchase. Our warranty covers manufacturer defects of materials and workmanship under normal and proper usage. If anything is deemed defective, simply email or call us for an RA#, write it on the out side of a shipping box, and send us the defective piece or system, and we will gladly repair or replace it for you.

Please contact an Airwave dealer near you for parts and accessories for your wireless systems. Please return all products in a proper shipping package, not the product packaging.

Service Email: Service@AirwaveTechnologies.com
Service Phone Number: 305-891-7399

Warranty Repair Shipping Address
AirwaveTechnologies RA#
2901 Simms Street, Suite F
Hollywood, FL 33020

Transmitter (ATM-T)



1. Antenna
2. Status Light: Flashes when sound source is obtained.
3. Power Indicator
4. INPUT: Access MIC audio cable or line input.
5. Display Screen
6. Switch /SET: Hold button to turn the unit on and off, Use short press of the button to toggle between setting options: (in setup mode, short press is confirmation)
7. Right Selection Key: Scroll forward thru options & reduces displayed number.
8. Left Selection Key: Scroll back thru options & increases the displayed number.
9. DC5VIA Charging Port
10. Charging Indicator: When charging, the indicator light illuminates and turns off when fully charged.



Basic Information

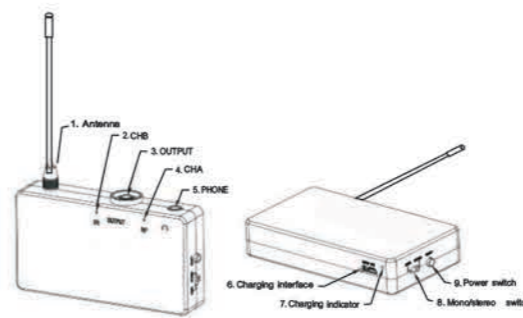


Input Mode Selection



Volume Adjustment

Transmitter (ATM-R)



1. Antenna
2. CHB: When connected, status indicator of channel B will be illuminated.
3. OUTPUT: Audio output interface.
4. CHA: When connected, the status indicator of channel A will be illuminated.
5. PHONE: Headphone monitor port.
6. DC5VIA Charging Port
7. Charging Indicator: When charging, the indicator light illuminates and turns off when fully charged.
8. Mono / Stereo Switch
9. Power switch: Hold button to turn the unit on and off

Coding Procedure

1. Power on the receiver (ATM-R) then the transmitter (ATM-T) in that order.
2. Within ten seconds of turning on the power, press and hold the left and right selection keys of the transmitter at the same time, and release it after "ID-" appears on the screen.
3. Restart and the coding operation has been completed.

Specifications

Transmitter (ATM-T):

Microphone: Omnidirectional Condenser Lavalier
Channels: 50
Type of Oscillator: Digital PLL
Frequency: 538.5 - 592.1MHz
Signal/Noise Ratio: >65dB
Audio Input: 3.5mm
Reference audio input level: -60dBV
Audio Distortion: <0.9%
Weight: 2.4oz
Battery: 3.7V800mAh Lithium Battery
Dimensions: 2.95" x 1.57" x .63"

Receiver (ATM-R):

Channels: 50
Type of Oscillator: Digital PLL
Audio Input: 3.5mm
Frequency: CH-A: 538.5 - 592.1MHz
Signal/Noise: >65dB
Frequency Range: 40Hz - 80KHz
Audio Distortion: <0.9%
Weight: 2.58oz
Battery: 3.7V800mAh Lithium Battery
Dimensions: 3.07" x 1.77 x .59"