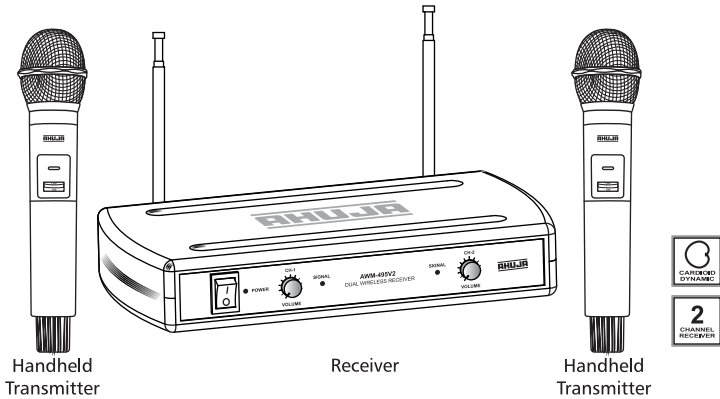


# AWM-495V2



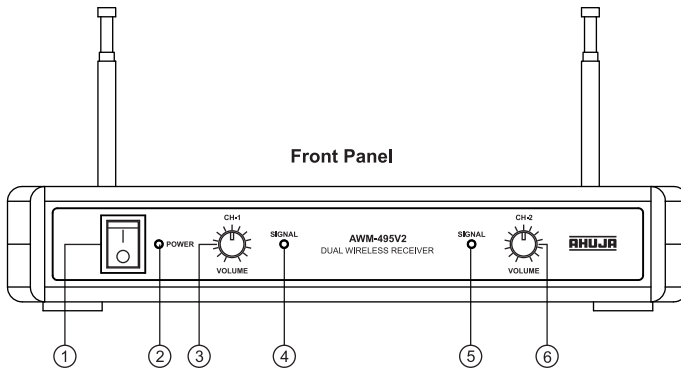
AWM-495V2 is an affordable high performance VHF Wireless Microphone. It consists of two wireless handheld transmitters and a highly sensitive dual channel wireless receiver. This model features excellent sound quality and long operating range.

## FEATURES

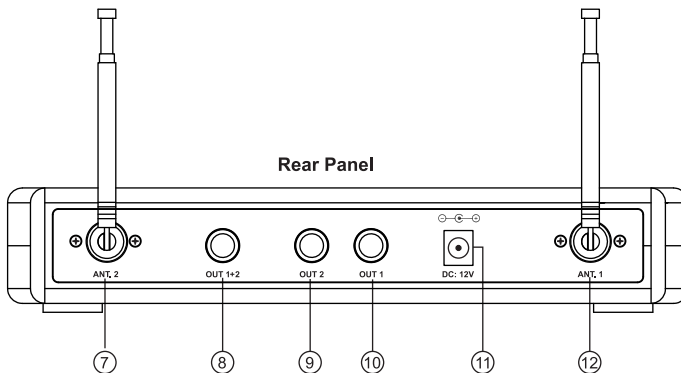
- Compact, lightweight, Dual Channel VHF Wireless Microphone available in different frequencies.
- Operates on Quartz Crystal Locked VHF High Band frequency.
- Internal Antennas in the handheld transmitters and two telescopic Antennas in the Receiver for clear and distortion free reception.
- Receiver operates on 12V DC through an AC Adaptor supplied along with. Handheld transmitters operate on a 2 × 1.5V AA pencil cells.
- Handheld transmitters have 2-position slide switch for 'Audio On' & 'Off'.
- Green LEDs for Channel-1 & Channel-2 signal indication on receiver when transmitter is 'ON'.
- Audio output from receiver available on OUT 1 & OUT 2 individually and as mixed output at OUT (1+2).

- 
- ◆ Thank you for purchasing the AHUJA PA Wireless Microphone.
  - ◆ Please read this manual thoroughly before making connections and turning on the power. Following the instructions in this manual will enable you to obtain optimum performance from your new AHUJA PA Wireless Microphone.
  - ◆ Please retain this manual for future reference.

## • Receiver: Front & Rear Panel Controls & Features



- |  |   |
|--|---|
| <p><b>1. Power Switch</b></p> <p><b>2. Power Indicator</b><br/>Red LED glows when receiver is switched 'ON'.</p> <p><b>3. Channel-1 Volume Control</b></p> <p><b>4. Signal Indicator Channel-1</b><br/>Green LED glows when MIC of Channel-1 is switched 'ON'.</p> | <p><b>5. Signal Indicator Channel-2</b><br/>Green LED glows when MIC of Channel-2 is switched 'ON'.</p> <p><b>6. Channel-2 Volume Control</b></p> |
|--|---|

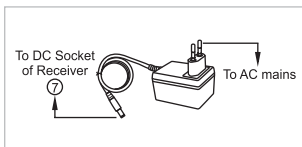


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|--|--|
| <p><b>7. Telescopic Antenna 2</b></p> <p><b>8. Audio Out Channel 1+2</b><br/>Mixed output of Channel 1 and Channel 2.</p> <p><b>9. Audio Out Channel 2</b></p> | <p><b>10. Audio Out Channel 1</b></p> <p><b>11. DC Socket</b><br/>For connecting a DC plug of AC Adaptor.</p> <p><b>12. Telescopic Antenna 1</b></p> |
|--|--|

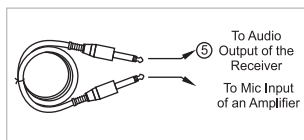
## • Operation & Battery Insertion

### Receiver

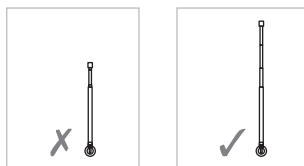
- Insert the DC Plug of AC Adaptor in to the receiver. Insert AC Adaptor into the socket of AC mains supply.



- Insert one end of connecting cable to Audio Output socket of Receiver and other end of the cable to the Mic input of an amplifier.

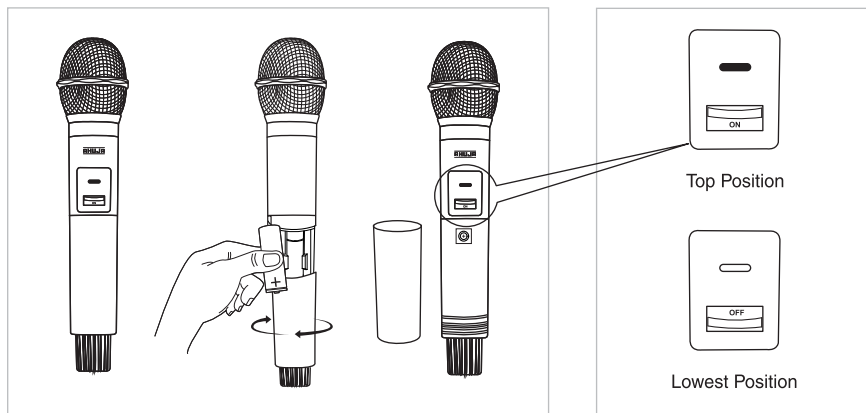


- Ensure the telescopic antenna is fully extended vertically.
- Switch ON the Power Switch of the Receiver. Red LED on front panel will glow.
- Always keep the receiver antennas away from metal and other reflecting surfaces and obstructions.



### Handheld Transmitter

- Insert 2 × 1.5V AA pencil cells in the battery compartment of the handheld transmitter by unscrewing the lower part of the transmitter body.



- Ensure the 2 × 1.5V AA pencil cells are inserted with correct polarity.
- The transmitter has a 2-position slide switch:
- In top position, the transmitter is ON and its Green LED glows. Keep the switch in top position when speaking into the handheld transmitter.
- When the switch is at the lowest position, the transmitter will be completely switched off.

## • Specifications

### TRANSMITTER

<b>RF Output Power</b>	Less than 15mW
<b>Modulation Mode</b>	FM(F3E)
<b>Microphone Element</b>	Dynamic, cardioid
<b>Dynamic Range</b>	80dB
<b>Spurious Emission</b>	<45dB
<b>Maximum Deviation</b>	±75kHz
<b>Frequency Response</b>	50-15,000Hz
<b>Antenna Type</b>	Internal dipole
<b>Current Consumption</b>	≤100mA
<b>Controls</b>	Transmitter ON/OFF Switch
<b>Indication</b>	Red & Green LEDs for indicating transmitter ON
<b>Dimensions</b>	ø55 (L248) mm
<b>Weight</b>	180g (w/o battery) approx.

### RECEIVER

<b>Frequency Stability</b>	± 0.005% Quartz Crystal Controlled
<b>Receiving Method</b>	Non-diversity
<b>Audio Output</b>	Channel 1: 0-55mV / 1kΩ Channel 2: 0-55mV / 1kΩ Channel 1+2: 0-55mV / 1kΩ
<b>S/N Ratio</b>	≥80dB
<b>Distortion</b>	≤0.5%
<b>Frequency Response</b>	50-15,000Hz
<b>Antenna</b>	Telescopic
<b>Power Requirement</b>	240V AC 50Hz for AC adaptor (supplied along with)
<b>Controls</b>	Power On / Off Switch, Volume Control for Channel-1, Volume Control for Channel-2
<b>Indications</b>	Red LED for Power ON Green LED for RF reception on Channel-1 Green LED for RF reception on Channel-2
<b>Dimensions</b>	W230 x H42 x D150 mm
<b>Weight</b>	353g approx.

### ACCESSORIES

2 × Connection Cable, 1 × AC Adaptor, 4 × 1.5V Pencil Cell

## AHUJA RADIOS

215, Okhla Industrial Estate, New Delhi-110020, INDIA

C-45, Phase-II, Noida-201305 (UP) INDIA ● 3, Okhla Industrial Estate, New Delhi-110020 INDIA

Tel.: +91-11-26831549, 41612474 Fax: +91-11-26847287 E-mail: [ahuja@ahujaradios.com](mailto:ahuja@ahujaradios.com)

Website: [www.ahujaradios.com](http://www.ahujaradios.com)



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