

# Professional VHF Wireless PA Microphones

## AWM-490V2

### DUAL Wireless Microphones



- Compact, lightweight, Dual Channel VHF Wireless Microphone System.
- Operates at Quartz Crystal Locked VHF High Band frequency and available in 5 different frequency groups. Two microphones with separate frequencies and one non-diversity receiver.
- Internal Antennas in the Microphones and two telescopic Antennas in the Receiver for clear and distortion free reception.
- Receiver operates on 9V DC through an AC Adaptor supplied along with the system. Each microphone operates with a 9V Dry Battery.
- Microphone with 3-position slide switch for 'Audio On'-'Audio Mute'-'Off' positions.
- Audio output from receiver available at OUT 1 & OUT 2 individually and as mixed output at OUT 1 + 2.
- Ideal for: PA Applications... Stage & Auditoriums... Seminar Halls... Places of Worship... Recreation Centres...

SPECIFICATIONS	MICROPHONE
RF OUTPUT POWER	15mW (Max.)
MODULATION MODE	FM (F3E)
MICROPHONE ELEMENT	Dynamic, cardioid
DYNAMIC RANGE	100dB
SPURIOUS EMISSION	< 45dB
MAXIMUM DEVIATION	± 25kHz
FREQUENCY RESPONSE	50-15,000Hz
ANTENNA TYPE	Internal dipole
CURRENT CONSUMPTION	< 60mA
BATTERY LIFE	6-8 hrs. with 9V battery
CONTROLS	Microphone On/Mute/Off Switch
INDICATION	Red & Green LED for indicating microphones On
DIMENSIONS	Ø52 × L242 mm
WEIGHT	0.20kg. (w/o battery)

SPECIFICATIONS	RECEIVER
FREQUENCY STABILITY	± 0.005% Quartz Crystal Controlled
RECEIVING METHOD	Non-diversity
AUDIO OUTPUT	Channel 1: 0-55mV/1kΩ, Channel 2: 0-55mV/1kΩ Channel 1+2: 0-55mV/1kΩ
SIGNAL TO NOISE RATIO	> 100dB
DISTORTION	< 0.5%
FREQUENCY RESPONSE	50-15,000Hz
MAXIMUM DEVIATION	± 25kHz
ANTENNA	Telescopic
POWER REQUIREMENT	AC: 220-240V 50/60Hz for AC adaptor
CONTROLS	Power On/Off switch, Audio Output Volume Control
INDICATIONS	Red LED for Power ON Green LED for RF Reception for Channel-1 Green LED for RF Reception for Channel-2
DIMENSIONS	W210 × H42 × D152 mm
WEIGHT	0.70kg

## AWM-490V1

### PA VHF Wireless Microphone



- Compact, lightweight, Single Channel VHF Wireless Microphone System.
- Operates at Quartz Crystal Locked VHF High Band frequency and available in 8 different frequencies.
- Internal Antenna in the Microphone and a telescopic Antenna in the Receiver for clear and distortion free reception.
- Receiver operates on 9V DC through an AC Adaptor supplied along with the system. The microphone operates with a 9V Dry Battery.
- Microphone with 3-position slide switch for 'Audio On'-'Audio Mute'-'Off' positions.
- Audio output from receiver available at OUT jack socket.
- Ideal for: PA Applications... Stage & Auditoriums... Seminar Halls... Places of Worship... Recreation Centres...

SPECIFICATIONS	MICROPHONE
RF OUTPUT POWER	15mW (Max.)
MODULATION MODE	FM (F3E)
MICROPHONE ELEMENT	Dynamic, cardioid
DYNAMIC RANGE	100dB
SPURIOUS EMISSION	< 45dB
MAXIMUM DEVIATION	± 25kHz
FREQUENCY RESPONSE	50-15,000Hz
ANTENNA TYPE	Internal dipole
CURRENT CONSUMPTION	< 60mA
BATTERY LIFE	6-8 hrs. with 9V battery
CONTROLS	Microphone On/Mute/Off Switch
INDICATION	Green LED for indicating microphone On
DIMENSIONS	Ø52 × L242 mm
WEIGHT	0.20kg. (w/o battery)

SPECIFICATIONS	RECEIVER
FREQUENCY STABILITY	± 0.005% Quartz Crystal Controlled
RECEIVING METHOD	Non-diversity
AUDIO OUTPUT	0-55mV/1kΩ
SIGNAL TO NOISE RATIO	> 100dB
DISTORTION	< 0.5%
FREQUENCY RESPONSE	50-15,000Hz
MAXIMUM DEVIATION	± 25kHz
ANTENNA	Telescopic
POWER REQUIREMENT	AC: 220-240V 50/60Hz for AC adaptor
CONTROLS	Power On/Off switch, Audio Output Volume Control
INDICATIONS	Red LED for Power ON Green LED for RF Reception
DIMENSIONS	W210 × H42 × D152 mm
WEIGHT	0.61kg