

# Professional VHF Wireless PA Microphone

## AWM-490VHL

DUAL Wireless Microphones



- Compact, lightweight, Dual Channel VHF Wireless Microphone System available in 5 different frequency groups.
- Combination of a hand-held dynamic microphone & a tie-clip condenser microphone for a wide variety of applications.
- Internal Antenna in the Microphone 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/Mute/Off'.
- 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        | RECEIVER   |
|-----------------------|--|
| FREQUENCY STABILITY   | ± 0.005% Quartz Crystal Controlled   |
| RECEIVING METHOD      | Non-diversity  |
| AUDIO OUTPUT          | Channel 1: 0-55mV/1kΩ, Channel 2: 0-55mV/1kΩ<br>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<br>Green LED for RF reception for Channel-1<br>Green LED for RF reception for Channel-2 |
| DIMENSIONS            | W210 × H42 × D152 mm   |
| WEIGHT                | 0.70kg   |

| SPECIFICATIONS      | HAND-HELD MIC              | TIE-CLIP MIC                             |
|---------------------|----------------------------|--|
| RF OUTPUT POWER     | 15mW (Max.)                | 10mW (Max.)                              |
| MODULATION MODE     | FM (F3E)                   | FM (F3E)                                 |
| MICROPHONE ELEMENT  | Dynamic, cardioid          | Condenser, omnidirectional               |
| DYNAMIC RANGE       | 100dB                      | 80dB                                     |
| SPURIOUS EMISSION   | <45dB                      | <45dB                                    |
| MAXIMUM DEVIATION   | ±25kHz                     | ±25kHz                                   |
| FREQUENCY RESPONSE  | 50-15,000Hz                | 80-12,000Hz                              |
| ANTENNA TYPE        | Internal dipole            | —  |
| CURRENT CONSUMPTION | <60mA                      | <60mA                                    |
| BATTERY LIFE        | 6-8 hrs. with 9V batt.     | 6-8 hrs. with 9V batt.                   |
| CONTROLS            | Mic On/Mute/<br>Off Switch | Mic On/Mute/<br>Off Switch, Vol. Control |
| INDICATION          | Red LED for Mic ON         | Green LED indicating<br>power of cells   |
| DIMENSIONS          | ø52 × L242 mm              | W65 × H32 × D107 mm                      |
| WEIGHT              | 0.20kg (w/o battery)       | 0.11kg (w/o battery)                     |

## ACM-66

ACM-66CH with MULTI Tone Chime



High quality, heavy duty paging microphone available with or without chime function. Ideal for use in Paging applications and for open conferencing. Strong, robust and stable base incorporates separate push switches for momentary and locked use. The microphone can be used free standing or wall mounted. A strong flexible 10" gooseneck is securely fixed to the aluminium die-cast base.

- Frequency Response : 50-15,000Hz
- Sensitivity : 2.2mV/Pa
- Impedance : 500Ω

Model ACM-66CH comes with a multi tone electronic chime and operates on 2 × 1.5V (UM-3) pencil cells. LED indication and long battery life. Facility to set desired chime sound level.

## APM-106Z

Zonal Paging Microphone

Compact & elegant 6-zone paging microphone comprising of a paging console and a distribution unit. The paging mic has one-touch ON/OFF switches for zone selection, ALL CALL, RESET & CHIME function. Each function (except RESET) is indicated by its LED. 18" long gooseneck microphone with dynamic unidirectional cartridge. Adjustable signal level for mic & chime outputs. The distribution unit provides a monitor output and six individual zone outputs through 1/4" phone jacks.



Distribution Unit



Frequency Response : 70-10,000Hz  
Output : 250mV nominal (each zone & monitor output)  
Power Requirement : AC: 220-240V 50/60Hz  
DC: 24V  
Car Battery