

Professional UHF Wireless PA Microphone

AWM-890UHF

PA UHF Wireless Microphone



- High performance multi-channel UHF Wireless Microphone System incorporating PLL frequency synthesis for stable performance.
- Special techniques like compander function and tone squelch system enhance the reliability of the system even in difficult conditions.
- Table-top space diversity receiver with detachable BNC antennas.
- User-friendly LCD display shows status of various functional parameters like Channel number (CH), Carrier Frequency (Fc), Microphone ON / OFF symbol, RF Level, Audio Level and status of DC supply to the receiver.
- Unbalanced audio output through 1/4" jack socket and balanced audio output through a 3-pin XLR male socket.
- Earphone output with volume control for monitoring purpose.
- Microphone operates with 2 × 1.5V pencil (AA) cells and Receiver operates on 12V DC through an AC Adaptor, which are supplied along with the system.
- Microphone has a 3-position slide switch for Audio ON, Audio MUTE and OFF conditions.
- Distance coverage more than 200 feet.

SPECIFICATIONS MICROPHONE		SPECIFICATIONS RECEIVER	
RF Output Power	30mW (Max.)	Carrier Frequency Range	700-900MHz
Carrier Frequency Range	700-900MHz	Receiving System	Diversity reception
Frequency Stability	±0.001%	Sensitivity	<2µV (S/N=40dB)
Modulation Mode	FM	Audio Output	0-110mV / 600Ω
Microphone Element	Dynamic, Cardioid	S/N Ratio	≥90dB
Spurious Rejection	≥50dB	Distortion	≤1%
Maximum Deviation	±45kHz	Frequency Response (±3dB)	50-14,000Hz
Frequency Response (±3dB)	50-14,000Hz	Dynamic Range	≥90dB
Pre-Emphasis	50µS	Image Rejection	> 60dB
Power Requirement	3V (2 × 1.5V AA Pencil Cells)	De-Emphasis	50µS
Current Consumption	≤80mA	Antenna A & B	Detachable through BNC connector
Controls	Microphone On / Mute / Off switch, 2 digit thumbwheel switch	Power Requirement	240V AC 50Hz for AC Adaptor (supplied alongwith)
Indication	Red LED for indicating Low Battery	Controls	Power Switch, Channel Select Switch, Volume Control for Audio Output, Volume Control for Ear Phone Output
Dimensions	Ø56×L 280 mm	Indications	Blue LED for Standby, Multi Function LCD display
Weight	0.3kg (w/o battery)	Dimensions	W210 × H44 × D190 mm
		Weight	1.15kg