

## Dual Channel UHF Wireless Microphone

### Features

- ▶ Uses UHF 600–900MHz frequency band to avoid interference frequencies.
- ▶ Employs multiple narrowband high-frequency and mid-frequency selective Filtering to effectively eliminate interference signals.
- ▶ Handheld microphone includes a low battery indicator circuit to prompt battery replacement.
- ▶ Special half-muted audio shock wave elimination circuit in the handheld microphone.
- ▶ Quartz oscillation circuit throughout, ensuring extremely high frequency stability. Adopts audio compression-expansion technology to significantly reduce noise and increase dynamic range.
- ▶ Equipped with feedback suppression to effectively reduce feedback squeal.
- ▶ Unique noise squelch function to reject external interference by activating the system's mute feature.
- ▶ Selects high-quality chips and components to deliver exceptional sound quality.
- ▶ Features independent balanced output and mixed output, compatible with mixers and amplifiers.
- ▶ Maximum open space usage distance of 80 meters.
- ▶ Suitable for various applications such as large and small stages, dance halls, conference rooms, churches, lectures, KTV rooms, and home entertainment.



**WM-89U**



**WM-89B**

### Model

### WM-89

Frequency range	UHF600–900MHZ
Modulation type	Wideband FM
Tuning range	50MHz
Number of channels	200
Channel spacing	250kHz
Frequency stability	±0.005%
Dynamic range	100dB
Maximum frequency deviation	±15kHz
Audio response	80Hz–15kHz
Overall SNR	>105dB
Total harmonic distortion	≤0.5%
Operating distance	>50 meters
Operating environment	-10° C to +50° C
<b>Receiver</b>	
Receiver power supply	DC 12V
Receiver current	200mA
Receiver output level	+10dBV
<b>Transmitter</b>	
Transmitter power supply	2 AA batteries
Transmitter current	130mA
Transmitter power	Max 30mW
Transmitter operating time	>3 hours