

SING EASY WMR89 WIRELESS MICROPHONE

TRUE DIVERSITY UHF WIRELESS MICROPHONE



The Sing Easy WMR89 is a dual channel digital wireless receiver which offers two channels of uncompromising audio quality, RF signal stability and efficiency, and advanced setup features in a single rack unit, and it bundles with two WMM32 handheld wireless microphones. Rugged, yet lightweight and compact, the all-metal chassis houses two independent receivers, each with its own audio and RF meters, gain control, and receiver outputs that can be either direct or summed for flexible signal routing.

FEATURES

- True diversity technology for best reception quality
- Two receivers in a rugged 1RU metal chassis
- Intuitive front-panel TFT menu and controls
- Audio and RF LED meters with peak indicator
- Optimized to simultaneously operate significantly more channels in applications up to 80 meters
- RF cascade ports allow distribution of RF signal to another unit
- Individual gain controls, LED meters, XLR and 6.3mm audio outputs for each channel
- UHF band to avert interfering frequency
- Advanced digital pilot technology allowing 30 preset group frequencies with 8 frequencies in each group which ensures 200 sets in the same premises without interference
- PLL system with 240 non-interfered preset channels and 600 free adjustable frequencies
- TFT color display on receiver and OLED display screen on transmitter, both can display the audio level, battery voltage and menu settings
- Built-in 9 V bias for optional antenna distribution system
- 0.5 seconds fall-down auto mute

SPECIFICATIONS (WMR89 RECEIVER)

Frequency Range 630 – 660 MHz *1	Operating Range 80 meters line of sight *2	Audio Frequency Response 30 Hz to 20 KHz ± 3 dB
System Latency < 3 ms	Audio Output Connector XLR and 1/4" (6.3 mm) unbalanced	External Antenna Connector 4 BNC (50 Ω)
Operating Temperature Range -20°C (0°F) – +50°C (122°F)	Operating Relative Humidity 5 - 95 % (non-condensing)	Material Aluminum alloy
Power Requirements 12 V DC at 2 A (supplied by external power supply)	Dimensions (W x D x H) 420 x 215 x 44mm	Weight 2.8 Kg (without power supply)

SPECIFICATIONS (WMM32 HANDHELD TRANSMITTER)

Transmitter Power 10 mW, typical (varies by region)	Sound pressure level (SPL) 110 dB	Pick-Up Pattern Hypercardioid
Signal-to-Noise Ratio >90dB	Dynamic Range 115 dB A-weighted	Sensitivity -95 dB ± 2 dB
Material Aluminum alloy	Power Requirements 3V (2 x 1.5V AA battery)	Dimensions (\varnothing x L) 51 x 255 mm
Weight 310 g (without battery)	Battery Life Up to 5 hours	

*1 Other frequencies available depending on applicable regulations in country where system used.

*2 Actual range depends on RF signal absorption, reflection, and interference.



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