

SING EASY WMR98QC WIRELESS CONFERENCE SYSTEM

TRUE DIVERSITY UHF WIRELESS CONFERENCE MICROPHONE



The Sing Easy WMR98QC is an quad channel digital wireless receiver offering four channels of uncompromising audio quality, RF signal stability and efficiency, and advanced setup features in a single rack unit, and it bundles with four WCM80 desktop meeting wireless microphones. Rugged, lightweight and compact, the all-metal chassis houses four 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
- UHF band to avert interfering frequency
- Four 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 50 meters
- Optimized scanning automatically finds, prioritizes, and deploys the cleanest frequencies to transmitters over IR sync
- Individual gain controls, LED meters, XLR audio output for each channel and both XLR and 6.3mm mixed audio output
- Advanced digital pilot technology distributed 75 frequencies in each group which ensures 600 preset frequencies
- TFT color display on receiver and transmitter, both can display the audio level, battery voltage and menu settings



SPECIFICATIONS (WMR980 RECEIVER)

Frequency Range 610 – 690 MHz * ¹	Operating Range 50 meters line of sight * ²	Audio Frequency Response 40 Hz to 20 KHz ±3 dB
System Latency < 3 ms	Audio Output Connector XLR and 1/4" (6.3 mm) unbalanced	External Antenna Connector 2 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 × 220 × 44mm	Weight 2.8 Kg (without power supply)

SPECIFICATIONS (WCM80 DESKTOP CONFERENCE TRANSMITTER)

Transmitter Power 10 mW, typical (varies by region)	Sound pressure level (SPL) 110 dB	Pick-Up Pattern Condenser
Signal-to-Noise Ratio >90dB	Dynamic Range 110 dB A-weighted	Sensitivity -95 dB ±2 dB
Material PVC and Glass	Power Requirements 3V (2 x 1.5V AA battery)	Battery Life Up to 5 hours
Dimensions (W x D x H) - Base 158 × 120 × 57 mm	Dimensions (Ø x L) - Gooseneck 19 × 420 mm	Weight 616 g (without batteries)

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

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

