

SING EASY WMR98QH WIRELESS MICROPHONE SYSTEM

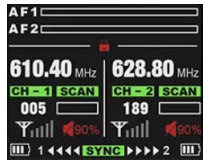
TRUE DIVERSITY UHF WIRELESS MICROPHONE



The Sing Easy WMR98Q is an quad channel digital wireless receiver offering eight channels of uncompromising audio quality, RF signal stability and efficiency, and advanced setup features in a single rack unit, and it bundles with four WMM30 handheld wireless microphones. Rugged, lightweight and compact, the all-metal chassis houses eight 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
- Eight 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



TECHNICAL SPECIFICATIONS

Operating Range

50 meters line of sight
(actual range depends on RF signal absorption, reflection and interference)

Available Frequencies

Between 610 – 690 MHz
(other frequencies available depending on applicable regulations in country where system used)

System Distortion

<0.5% THD typical
(ref. +/- 38 kHz deviation, 1 kHz tone)

Transmitter RF Output Power

10 mW, typical (varies by region)

Dynamic Range

110 dB A-weighted

Audio Range

40Hz to 20KHz \pm 3dB

Audio Output Connector

XLR and 1/4" (6.3 mm) unbalanced

Signal-to-Noise Ratio

>90dB

Sensitivity

-95dB \pm 2dB

External Antenna Connector

2 BNC (50 Ω)

Polar Pattern

Cardioid

Receiver Material

Aluminum Alloy and Metal

Power Requirements

WMR98Q: 12 V DC at 1A, supplied by external power supply

Battery Life

WMM30: Up to 5 hours

Transmitter Material

Aluminum Alloy and PVC

WMM30: 2 x 1.5V AA battery

Operating Temperature Range

-20°C (0°F) – +50°C (122°F)

