

SING EASY WMR880H WIRELESS MICROPHONE SYSTEM

TRUE DIVERSITY UHF WIRELESS MICROPHONE



The Sing Easy WMR880 is an octa 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 eight 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



SPECIFICATIONS (WMR980 RECEIVER)

Frequency Range
610 – 690 MHz *1

System Latency
< 3 ms

Operating Temperature Range
-20°C (0°F) – +50°C (122°F)

Power Requirements
12 V DC at 2 A
(supplied by external power supply)

Operating Range
50 meters line of sight *2

Audio Output Connector
XLR and 1/4" (6.3 mm) unbalanced

Operating Relative Humidity
5 - 95 % (non-condensing)

Dimensions (W x D x H)
420 × 220 × 44mm

Audio Frequency Response
40 Hz to 20 KHz ±3 dB

External Antenna Connector
2 BNC (50 Ω)

Material
Aluminum alloy

Weight
2.8 Kg (without power supply)

SPECIFICATIONS (WMM30 HANDHELD TRANSMITTER)

Transmitter Power
10 mW, typical (varies by region)

Signal-to-Noise Ratio
>90dB

Material
Aluminum alloy

Weight
290 g (without battery)

Sound pressure level (SPL)
110 dB

Dynamic Range
115 dB A-weighted

Power Requirements
3V (2 x 1.5V AA battery)

Battery Life
Up to 5 hours

Pick-Up Pattern
Hypercardioid

Sensitivity
-42 dB ±2 dB

Dimensions (Ø x L)
51 × 255 mm

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

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

