

SING EASY WMR88 WIRELESS MICROPHONE

TRUE DIVERSITY UHF WIRELESS MICROPHONE



The Sing Easy WMR88 Dual Channel Digital Wireless Receiver 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 WMM31 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
- Optimized scanning automatically finds, prioritizes, and deploys the cleanest frequencies to transmitters over IR sync
- 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
- 0.5 seconds fall-down auto mute

TECHNICAL SPECIFICATIONS

Operating Range

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

Available Frequencies

Between 630 – 660 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 15KHz \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

4 BNC (50 Ω)

Polar Pattern

Cardioid

Material

Metal

Operating Temperature Range

-20°C (0°F) – +50°C (122°F)

Power Requirements

WMR88: 12 V DC at 1A, supplied by external power supply

Battery Life

WMM31: Up to 5 hours

WMM31: 3V (2 x 1.5V AA battery)



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