

# SING EASY WMR78 WIRELESS MICROPHONE

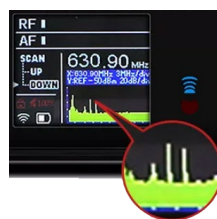
## TRUE DIVERSITY UHF WIRELESS MICROPHONE



The Sing Easy WMR78 dual channel digital UHF 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 WMM30 handheld wireless microphones. Rugged, lightweight and compact, the all-metal chassis houses two independent receivers and two TFT displays, 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

- Digital 16-bit ID pilot technology to avoid crosstalk interference
- True diversity UHF wireless microphone
- Two receivers in a rugged 1RU metal chassis
- Intuitive front-panel TFT menu and controls
- Auto frequency scanning shows nearby interference in the spectrum
- Audio and RF LED meters with peak indicator
- 0.5 seconds fall-down auto mute and laid-down auto mute
- Built-in Echo (Ratio, Delay and Echo volume parameters available)
- Built-in Equalizer
- TFT color display on receiver and LCD display screen on transmitter, both can display the audio level, battery voltage and menu settings
- Optimized scanning automatically finds, prioritizes, and deploys the cleanest frequencies to transmitters over IR sync
- Individual gain controls, LED meters, individual balanced XLR and mixed 6.3mm audio outputs
- 80 meters operating range (line of sight)



### 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

30Hz to 20KHz  $\pm 3$ dB

#### Audio Output Connector

XLR and 1/4" (6.3 mm) unbalanced

#### Signal-to-Noise Ratio

>90dB

#### Sensitivity

-95dB $\pm 2$ dB

#### External Antenna Connector

2 BNC (50  $\Omega$ )

#### Polar Pattern

Cardioid

#### Material

Metal

#### Operating Temperature Range

-20°C (0°F) – +50°C (122°F)

#### Power Requirements

WMR78: 12 V DC at 1A, supplied by external power supply

#### Battery Life

WMM30: Up to 5 hours

WMM30: 3V (2 x 1.5V AA battery)



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