

## 909R

The MI-909R operates in a wide 64 MHz bandwidth and it has easy to use controls and indicators with a backlit LCD screen. Advanced dual-antenna diversity design eliminates signal dropouts and enhances signal stability. Featuring a lightweight, exceptionally durable magnesium alloy bodypack case, the MI-909R is ideal for professional installations and live applications. Proprietary digital encryption provides secure audio transmission, preventing unauthorized listening in conferences, meetings and language interpretation applications.

### Key Features:

- Industry's most compact and smallest housing.
- Featuring a lightweight, yet rugged, magnesium & glass-fiber reinforced plastic case for stage applications.
- Backlit LCD screen with superior features and advanced function settings.
- Dual-antenna diversity design enhances RF signal stability and extends transmission range.
- Dual unbreakable soft antennas.
- Selectable stereo, balanced, mono & mixed output modes.
- Selectable EQ settings.
- Fast and easy menu controls and indicators accessed by three buttons.

### Specs:

Frequency Range	5E 480~544 MHz
Bandwidth	64 MHz
Channel Grid	25 kHz
Preset Frequency	12 non-interference compatible frequencies in group 1-10. 16 non-interference compatible frequencies in group 11-16. 16 user-defined frequencies can be stored in group 18. 216 preset frequencies in total.
Receiving Mode	Digital diversity receiving
Oscillation Mode	PLL Synthesized
Frequency Stability	± 0.005% (-10~+60°C)

Channel Set-Up	ACT Sync
Modulation Type	Digital modulation
Sensitivity	10 $\mu$ V input level, S/N > 90dB (stereo)
Spurious Emissions	< 4 nW
T.H.D	0.1% @ 1 kHz
Max. S/N ratio	95 dBA
Frequency Response	20 Hz ~ 15 kHz (stereo)
Stereo Separation	> 95 dB
Volume Control	126 dB (1dB step)
LCD Display	AF/RF meters, Battery status, Group & Channel, R/L balance
Output Jack	3.5 mm $\emptyset$ stereo earphone jack
Output Power	Left/Right $\times$ 120 mW @ 16 $\Omega$
Earphone Impedance	$\geq$ 16 $\Omega$
Battery Type	2 AA alkaline
Current Consumption	Approx. 170 mA
Operating Time	Approx. 8 hours (moderate volume)
Dimensions (W $\times$ H $\times$ D)	63 $\times$ 82 $\times$ 23 mm / 2.6 $\times$ 3.2 $\times$ 0.9 "
Net Weight	Approx. 98 g / 3.5 oz
Transmitter	MI-909T
Operating Temperature	-10 $\sim$ +60 $^{\circ}$ C