

The MI-909T is a rugged digitally-encrypted rack transmitter. It operates in a 64 MHz wide bandwidth and allows multiple preset compatible channels operation. Delivering up to 100mW output power, it has high dynamic range stereo audio inputs and is able to withstand professional audio mixers' maximum output levels. Menu settings allow input sensitivity, encryption, EQ DSP processors to be set-up via a rotary control knob. A built-in Scan function enables auto-scanning for an open, interference-free frequency and, once selected, that frequency can sync with the body pack receiver with a simple push of the ACT button. The MI-909T is ideal for both live applications and professional installations such as language interpretation.

Key Features:

- EIA-standard half-rack 19" metal case, LCD screen display, rotary control knob for advanced menu settings and dual audio LED indicator lockable front panel.
- Up to 16 compatible channels within the same frequency group.
- Selectable encryption keys with scroll or static setting for single or multiple receivers.
- Selectable HI, LOW or OFF (mute) output power.
- High dynamic range, stereo audio inputs and able to withstand the maximum output levels of professional audio mixers.
- Built-in DSP 3 band ± 9 dB EQ settings for audio modifications.
- Free Scan selects an open, interference-free transmitter frequency and ACT syncs the transmitter and receiver frequencies automatically.
- Ideal for professional multi-language interpretation system and installation applications.

Specs

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| Frequency Range | 5E 480~544 MHz |
| Bandwidth | 64 MHz |
| Oscillation Mode | PLL Synthesized |
| Channel Grid | 25 kHz |
| Frequency Stability | $\pm 0.005\%$ (-10~+60°C) |
| Modulation Type | Digital modulation |
| Output Power | Low <10 mW High <100 mW switchable (country dependent) |
| Spurious Rejection | < 4 nW |
| Frequency Response | 20 Hz ~ 15 kHz (stereo) |
| T.H.D. | < 0.1% (at 1 kHz) |
| ADC Dynamic Range | 112 dBA |
| Stereo Audio Input | 6.3 mm \emptyset Phone Jack \times 2, XLR, 6.3 mm \emptyset Combo |

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|--------------------------------------|---|
| | Jack |
| Max. Input | > +26 dBu, Selectable Line / Mic level |
| Audio Input Adjustment | 0~-30 dB, 3 dB step |
| Earphone Output | 6.3 mm \varnothing Stereo Phone Jack with volume control |
| Earphone Output Impedance | $\geq 16 \Omega$ |
| Network Interface | RJ-11 \times 2, proprietary MIPRO ACT-BUS |
| Antenna Connector | TNC (50 Ω impedance) |
| Power Supply | DC 12~15V |
| Dimensions (W \times H \times D) | 210 \times 44 \times 206 mm / 8.3 \times 1.7 \times 8.1 " |
| Weight | Approx. 1.1 kg / 2.4 lbs |