

MR-24 Digital Wireless Pedal Receiver

Introduction

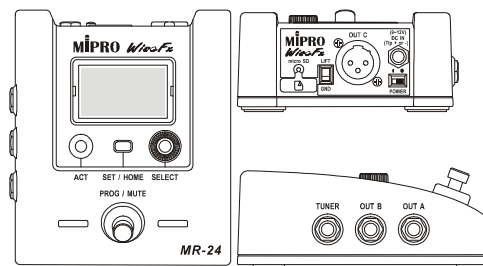
The MR-24 is a 2.4 GHz wireless pedal receiver designed for musical instruments. The panel is equipped with a graphic LCD screen displaying various parameters. Paired with MIPRO's 2.4 GHz transmitters, the MR-24 receives the audio signal picked up from the instrument microphones on any acoustic or electric instrument or directly from an instrument's pickup which is transmitted through the transmitter, and modifies the tone effects with various preset functions to satisfy the players' preference. By stepping on the footswitch, the signal can be transmitted to one or more amplifiers.

Key Features

- Worldwide operation in license-free 2.4 GHz ISM band avoids the interference and telecom regulations in the UHF band.
- Proprietary 3D diversity technology and 64 ID setting effectively avoid interference from Wi-Fi and 2.4 GHz communication products which rivals the similar products of other brands.
- True digital wireless system prevents distortion caused by an analog system, providing an accurate reproduction of a musical instrument's sound.
- Sturdy metal construction, large graphic LCD screen and easy to use footswitch.
- High-sensitivity built-in antenna with specific structure designed to prevent accidental breakage.
- Uses 9~12V DC power supply with input auto tip + or -, convenient to string with other effects.
- Balanced output jack with ground lift switch for PA system connection eliminates electrical noise.
- Micro SD Card Slot for user programming and firmware updates.
- The circuit design and features are compatible with the MIPRO ACT-2400 Series.

Technical Specifications

Frequency Band	2.4 GHz - ISM
Channel Set-up	ACT sync
Audio Sampling	24-bit / 44.1 kHz Rate
Frequency Response	20 Hz ~ 20 kHz
Modulation	GFSK
Latency	< 3.9 ms
S/N Ratio	> 118 dB (A)
T.H.D	0.1 % @ 1 kHz
Sensitivity	-95 dBm
Receiving Mode	True Diversity Receiving
Display	32 × 55 mm (VA) Graphic LCD, Color LED Lamp × 2
Audio Outputs	Ø 6.3 mm Phone Jack × 3, XLR Connector × 1
Switches	Footswitch × 1, Ground Lift Switch × 1 Edit/Home Switch × 1, ACT Sync Switch × 1 Rotate Switch × 1, DC Power Switch × 1
Interface	Micro SD Card Slot × 1
Power Supply	DC 9 ~ 12V / 0.3A
Dimensions (W × H × D)	110 × 50 × 130 mm 4.3 × 2.0 × 5.1 "
Net Weight	850 g 30 oz
Environmental Temperature	-10~ +60 °C



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