

MRM-24 2.4 GHz Digital True Diversity Receiver Module

Key Features

- Operates in the 2.4 GHz user license-free ISM band. Up to 12 preset compatible channels.
- True diversity technology and stable digital FSK modulation circuit eliminate signal dropouts and ensure best reception quality.
- Combining FHSS frequency-hopping technique with adaptive tracking algorithm to prevent interferences from other 2.4 GHz wireless devices.
- Featuring an easy-to-read channel LED display, audio and transmitter battery status indicators.
- The modular design allows for fast and easy installation or replacement.
- Ideal sound amplification for musical instruments.



Transmitters

ACT-24H	Digital Handheld Transmitter
ACT-24HC	Rechargeable Digital Handheld Transmitter
ACT-24T	Digital Bodypack Transmitter
ACT-24TC	Rechargeable Digital Bodypack Transmitter
MT-24G / MT-24S / MT-24U / MT-24D / ACT-24V / ACT-24C	Digital Instrument Transmitter

Related Products

MA-505	Portable Wireless PA System
MA-707	Portable Wireless PA System
MA-708	Portable Wireless PA System
MA-808	Portable Wireless PA System

Technical Specifications

Frequency Range	2.4000 – 2.4835 GHz
Preset Frequency	12 preset frequencies in total
Channel Set-up	SCAN and ACT sync
Display Status	Channel, audio meters and the battery status of the transmitter
Receiving Mode	Dual-tuner Digital Diversity
Sensitivity	+12 dB μ V
Frequency-hopping	Each channel has 4 preset hopping frequencies.
Audio Sampling	24-bit / 44.1 kHz Rate
Latency	< 4 ms
Audio Frequency Response	20 Hz – 20 kHz
S/N Ratio (Analog Output)	> 115 dB(A), analog input
T.H.D.	< 0.1% @ 1 kHz
Audio Output	2 V _{rms}
Antenna	2 × 50 Ω fixed antenna
Power Supply	10 – 15 V DC
Power Consumption	< 1.5 W
Dimensions (W × H × D)	74.5 × 34.5 × 149 mm / 2.9 × 1.4 × 5.9 "
Weight	78 g / 2.75 oz
Operating Temperature	-10 $^{\circ}$ C – +60 $^{\circ}$ C



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