

ACT-2414 Quad-Channel Digital Receiver

Key Features

- 2.4GHz-ISM band stable digital FSK modulation circuitry. All frequencies are located in this band.
- With the FHSS frequency-hopping technique, each channel has 4 preset hopping frequencies.
- By using an adaptive tracking algorithm, it can skip the Wi-Fi frequency in use and effectively avoid interference from 2.4GHz communication products.
- The hopping frequencies skip most of the Wi-Fi frequencies.
- With dual tuner true diversity receiving, the receiving distance is up to 100 meters (330 ft.) with no signal drop-out.
- The precisely designed PCB is enclosed in a sturdy case.
- The antennas are fixed at the left / right side of the front panel.
- The transmitter has a high-efficiency circuitry design. The included single rechargeable lithium battery can be easily removed or interchanged for charging. The intelligent battery charger maintains a high charge capacity for up to 600 charge cycles for cost saving and is environmentally friendly.
- An affordable price for entry-level consumers and the music instrument market.



Transmitters & Microphones

ACT-24HC	Digital Handheld Transmitter
ACT-24TC	Digital Bodypack Transmitter
ET-24	Digital Erhu Microphone Set
MT-24	Digital Guitar Transmitter
ST-24	Digital Saxophone Microphone Set
VT-22	Digital Cello Microphone Set

Accessories

FB-72	Rack Mount Kit
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Technical Specifications

Chassis	EIA Standard 19" 1U
Display	Graphic OLED
Frequency Range	ISM 2,400 - 2,4835 MHz
Preset Frequency	12
Frequency-hopping	Each channel has 4 preset hopping frequencies
Receiving Mode	Dual-tuner Digital Diversity
Audio Sampling	24-bit / 44.1 kHz
Sensitivity	-95 dBm
S/N Ratio	> 115 dB(A)
T.H.D.	0.1 % @ 1 kHz
Audio Frequency	20 Hz - 20 kHz (-2 dB)
Response	
Output Connectors	Balanced XLR & Unbalanced 6.3 mm (1/4 ")
Audio Output Adjustment	0 dB (standard), -10 - +20 dB adjustable range
Latency	< 4.0 ms
Antenna	2 x 50 Ohm fixed antenna
Power Supply	External AC Power Supply
Power Consumption	4.8 W
Dimensions	420 x 44 x 180 mm / 16.5 x 1.7 x 7.1 "
Weight	Approx. 1.5 kg / 3.3 lbs
Operating Temperature	-10 - +60



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Specifications subject to change without notice. SS016/01