

ACT-828 UHF Digital Wideband Dual-Channel Receiver

Features

- EIA standard metal chassis, with a newly designed color VFD, monitor headphone jack, a rotary control knob and buttons equipped on the front panel. The analog audio output, AES/EBU digital output, Dante or AVB network interface output and MIPRO RCS2.Net interface connectors are equipped on the rear panel.
- Exclusive 72 MHz wideband circuit increases interference-free compatible channels.
- Digital diversity circuit greatly improves the reception range and the full-range sound quality is not affected by the strength of RF signals or operating distance.
- Proprietary 256-bit encryption prevents eavesdropping.
- The DSP audio processor and D/A converter make the sound quality almost the same as the wired microphone.
- MIPRO Auto Scan and ACT™ function provide the transmitter's frequency with precise and rapid sync to the receiver.
- There are 7 preset groups with a total of 224 pre-saved channels. The user-defined group allows users to choose and save up to 16 channels from 2,881 available frequencies.
- Each channel has separate audio output and 3 switchable output gains, and all is to ensure the microphone operates within proper sensitivity and dynamic range, free from distortion.
- Optional Dante or AVB digital network interface for digital audio output.
- Optional MIPRO Wireless Console computer monitoring software offers frequency analysis and configuration, along with monitoring of all channels and interference signals in the environment.
- Antenna connector provides bias for MIPRO antenna systems to boost reception distance and signal.
- External AC 100 – 240 V switching power supply ensures stable operation of the system even under drastic voltage change.
- Pairs with ACT-800H handheld and ACT-800T bodypack transmitter.
- All are designed and made in Taiwan to ensure high quality and value.



Specifications

Channel	Dual
Chassis	EIA standard full-rack (19") metal chassis
Monitor Output	Monitor headphone jack with volume control
Network Interface	Dante or AVB (optional)
Display	Color VFD
Frequency Range	UHF 480 – 934 MHz (country dependent)
Bandwidth	72 MHz
Receiving Mode	Digital diversity
Sensitivity	12 dB μ V @ S/N > 100 dB
Audio Processing	DSP audio processor eliminates the compander noise that exists in analog systems
Encryption	256-bit
Frequency Response	20 Hz – 20 kHz (< -2 dB)
Dynamic Range	> 120 dBA
Latency	2.9 ms
Audio Output	AES/EBU digital interface. Analog balanced output with 3 switchable levels: +16 dB / 0 dB / -6 dB
EQ	Presets 10 digital audio and anti-feedback EQs
PC Interface	USB Interface, MIPRO ACT-BUS for remote-control of up to 64 channels. FSA compatible channels calculator software allows users to manually set compatible channels. (sold separately)
Antenna	Detachable. 50 Ω TNC female connector provides bias for the MIPRO antenna systems.
Power Supply	DC 12 – 15 V. External AC 100 – 240 V switching power supply
Dimensions	420 × 44 × 219 mm (W × H × D)
Weight	Approx. 2.1 kg



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Specifications are subject to change without prior notice. CE024/02