

# ACT-828

## UHF Digital Wideband Dual-Channel Receiver

### FEATURES

- Built with a rugged metal chassis. The front panel features a color VFD display with independent dual-channel readouts, a rotary control knob, and operation buttons for intuitive control.
- Rear panel includes analog and AES/EBU digital audio outputs, a REMOTE network interface, and a built-in Dante or AVB digital audio interface for seamless integration with various professional audio systems.
- Equipped with MIPRO's proprietary 72 MHz wideband receiving circuit to increase channel availability and reduce intermodulation interference.
- Built-in digital diversity technology greatly extends reception range and maintains consistent audio quality regardless of distance or signal strength.
- Features MIPRO's exclusive 256-bit advanced encryption to ensure secure signal transmission and prevent eavesdropping.
- Incorporates high-fidelity DSP audio processing and high-quality D/A converters to deliver wireless audio performance comparable to wired microphones.
- Supports Auto Scan and ACT synchronization technology for fast and accurate frequency setup.
- Preset with 6 frequency groups totaling 224 channels. A 7th user-defined group allows selection and storage of 16 channels from 2,881 available frequencies.
- Each channel supports independent audio output with three selectable gain levels, ensuring optimal transmitter sensitivity and dynamic range while avoiding signal distortion.
- Compatible with MIPRO Wireless Console software for PC-based monitoring, frequency analysis, automatic setup, and interference management, enhancing operational efficiency.
- Antenna connectors provide bias for boosters and are compatible with MIPRO professional antenna systems to improve signal range and stability.
- Operates with an external AC 100 – 240 V power supply, offering wide voltage tolerance for reliable system operation.
- Compatible with ACT-800 series handheld and bodypack transmitters, and supports TA-80 digital adapters and BC-100DT gooseneck microphone bases for versatile professional applications.
- Proudly developed and manufactured in Taiwan, delivering superior quality, professional performance, and exceptional value.



### SPECIFICATIONS

Channel	Dual
Chassis	Full-rack (19") metal chassis
Frequency Range	UHF 480–934 MHz (country dependent)
Bandwidth	72 MHz
Receiving Mode	Digital diversity
Display	Color VFD

Control Interface	ACT sync button, channel selection buttons and rotary knob
Sensitivity	12 dB $\mu$ V @ S/N > 100 dB
Frequency Response	20 Hz–20 kHz (< -2 dB)
Dynamic Range	> 110 dBA
Latency	2.9 ms
EQ	Presets 10 digital audio and anti-feedback EQs
Audio Processing	44.1 kHz / 24-bit digital sampling
Audio Outputs	Analog balanced XLR output with 3 switchable levels: +16 dB / 0 dB / -6 dB. AES/EBU digital interface.
Monitor Output	Monitor headphone jack with volume control
Network Interface	Dante or AVB (optional)
Encryption	256-bit
Management Interface	RJ-11 $\times$ 2 for PC software control (requires MIPRO DVU adapter); BNC Word Clock In/Out for sync.
Antenna	Detachable. 50 $\Omega$ 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 $\times$ 44 $\times$ 219 mm (W $\times$ H $\times$ D)
Weight	Approx. 2.1 kg