

ACT-818

UHF Digital Wideband Single-Channel Receiver

FEATURES

- Built with a rugged metal chassis. The front panel features a color VFD display, rotary control knob, and intuitive operation buttons for easy navigation.
- Rear panel includes balanced analog outputs, AES/EBU digital audio output, REMOTE control interface, and Wordclock Sync for seamless integration with professional digital audio systems.
- Equipped with MIPRO's proprietary 72 MHz wideband receiving circuit to increase available channels and reduce intermodulation interference.
- Built-in digital diversity receiving technology significantly extends stable reception range while preserving consistent audio quality, regardless of signal strength or distance.
- Features MIPRO's exclusive 256-bit advanced encryption technology for secure signal transmission and eavesdropping prevention.
- Incorporates high-fidelity DSP audio processing and premium D/A converters for wireless audio performance comparable to wired microphones.
- Supports Auto Scan and ACT synchronization for fast and accurate frequency setup.
- Preset with 6 frequency groups holding a total of 224 channels. A 7th user-defined group allows selection and storage of 16 channels from 2,881 available frequencies.
- Audio output includes three selectable gain settings to ensure optimal transmitter sensitivity and dynamic range while preventing distortion or overload.
- Compatible with MIPRO Wireless Console software for PC monitoring, frequency analysis, auto setup, and interference detection, streamlining system management.
- Antenna connectors provide bias voltage for boosters and can be used with MIPRO professional antenna systems to enhance reception range and signal 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, as well as TA-80 digital adapters and BC-100DT gooseneck microphone bases for versatile professional applications.
- Proudly developed and manufactured in Taiwan, delivering superior quality, excellent performance, and outstanding value.



SPECIFICATIONS

Channel	Single
Chassis	Half-rack (9.5") 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 μ V @ S/N > 100 dB
Frequency Response	20 Hz – 20 kHz (< -2 dB)
Dynamic Range	> 120 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.
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 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	210 \times 44 \times 163 mm (W \times H \times D)
Weight	Approx. 1.0 kg