

ACT-545

UHF Analog Quad-Channel Receiver

FEATURES

- Constructed with a rugged metal chassis. The front panel features a dual-color backlit LCD, rotary dial, and channel selection buttons. Display color changes automatically during reception to clearly differentiate between active and standby channels.
- Equipped with a MIPRO-designed 24 MHz narrowband receiving circuit that reduces noise interference and increases the number of usable channels.
- Built-in true diversity reception technology ensures stable, uninterrupted long-distance reception.
- Pioneering dual-squelch system combines pilot tone and noise lock control. Includes a noise indicator and adjustable SQ sensitivity to extend range or reduce interference.
- Supports Auto Scan and ACT frequency synchronization for fast and accurate frequency setup.
- Preset with 6 frequency groups totaling 80 channels. A 7th user-defined group allows selection of 16 channels from 961 available frequencies.
- Each channel's audio can be output independently or mixed. Features three selectable gain levels to ensure optimal transmitter sensitivity and dynamic range while avoiding distortion.
- Optional Dante digital audio interface available.
- Compatible with MIPRO Wireless Console software for PC-based frequency analysis, automatic setup, and interference monitoring to streamline system management.
- Antenna connectors provide booster bias and support MIPRO's professional antenna systems for enhanced reception range and signal stability.
- Powered by an external AC 100 – 240 V switching power supply for stable operation across variable voltages.
- Compatible with ACT-500 series handheld and bodypack transmitters, and also supports the BC-100T gooseneck microphone transmitter for a wide range of professional applications.
- Proudly developed and manufactured in Taiwan. Offers excellent quality, professional-grade performance, and outstanding cost-effectiveness.



SPECIFICATIONS

Channel	Quad
Chassis	Full-rack (19") metal chassis
Frequency Range	UHF 480–934 MHz (country dependent)
Bandwidth	24 MHz
Receiving Mode	True diversity
Display	Two-color backlit LCD
Control Interface	ACT sync button, channel selection buttons and rotary knob
Sensitivity	6 dB μ V @ S/N > 80 dB

Frequency Response	50 Hz–18 kHz
Dynamic Range	> 111 dBA
Audio Outputs	Balanced XLR for independent output and mixed XLR & 1/4" (6.3 mm) output with three-level gain: +16 / 0 / -6 dB (balanced), +10 / 0 / -6 dB (unbalanced)
Network Interface	Dante or AVB (optional)
Management Interface	RJ-11 × 2 for PC software control (requires MIPRO DVU adapter)
Antenna	Detachable. 50Ω 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. 2.4 kg