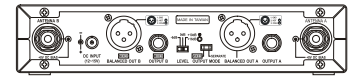


ACT-312

UHF Analog Dual-Channel Receiver

FEATURES

- Rugged half-rack metal chassis design. The front panel features a green backlit LCD and electronic buttons. The display brightness adjusts automatically during reception to clearly distinguish between active and standby channels.
- Equipped with a MIPRO-designed 24 MHz narrowband diversity receiving circuit for long-distance, stable signal reception without dropouts. Effectively reduces harmonic interference and increases usable channel count.
- Innovative dual-squelch system combining pilot tone and noise lock, with noise indicator and adjustable SQ sensitivity to extend reception range or minimize noise interference.
- Supports Auto Scan and ACT frequency synchronization for fast and accurate frequency setup.
- Factory-preset with 6 frequency groups, providing a total of 80 channels. The 7th group allows users to store 16 selectable channels from 961 available frequencies.
- Each channel's audio output can be configured as independent or mixed, with three-stage adjustable gain settings to prevent distortion and maintain optimal sensitivity and dynamic range.
- Antenna connectors provide booster bias voltage, compatible with MIPRO professional antenna systems to enhance signal stability and reception range.
- Powered by an external AC 100 – 240 V switching power supply for stable operation under varying voltage conditions.
- Developed and manufactured in Taiwan. Offers excellent quality, outstanding value, and reliable professional performance.



SPECIFICATIONS

Channel	Dual
Chassis	Half-rack (9.5") metal chassis
Frequency Range	UHF 480–934 MHz (country dependent)
Bandwidth	24 MHz
Receiving Mode	Diversity
Display	Green backlit LCD
Control Interface	ACT sync button, setting buttons
Sensitivity	18 dB μ V @ S/N > 80 dB
Frequency Response	50 Hz–18 kHz
Dynamic Range	> 106 dBA
Audio Outputs	Balanced XLR and unbalanced 1/4" (6.3 mm) for independent outputs, plus a mixed XLR & 1/4" (6.3 mm) output. Three-level gain setting: +16 / 0 / -6 dB (balanced), +10 / 0 / -6 dB (unbalanced)
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 × 44 × 165 mm (W × H × D)
Weight	Approx. 0.9 kg