

ACT-343

UHF Analog Quad-Channel Receiver

FEATURES

- Rugged metal chassis design. The front panel features a green backlit LCD, electronic buttons, and a rotary volume knob. 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

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| Channel | Quad |
| Chassis | Full-rack (19") 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 and volume control |
| Sensitivity | 22 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 | 420 × 44 × 164 mm (W × H × D) |
| Weight | Approx. 1.7 kg |