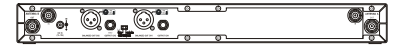


ACT-5812A

5.8 GHz Digital Dual-Channel Receiver

FEATURES

- Full-rack metal chassis design with dual external antenna connectors on the rear panel and antenna cascading ports for expanded system configurations.
- Equipped with MIPRO's exclusive control panel and high-contrast graphic OLED display, offering excellent clarity and wide viewing angles.
- Operates in the ISM 5 GHz band, effectively avoiding interference from UHF, 2.4 GHz, and Wi-Fi devices.
- Features dual frequency groups: Group A provides 12 channels; Group B is divided into B1 and B2, each offering 12 channels—for a total of 24 selectable channels.
- Each channel supports 64 standard IDs and 1 special ID for simultaneous multi-room operation without interference.
- Channel Scan function detects RF signal strength to help identify channels with minimal interference for enhanced stability.
- Combines MIPRO's patented Auto Scan and ACT frequency synchronization technologies for fast and accurate frequency pairing.
- Built-in true diversity receiving technology with dual tuners ensures uninterrupted signal reception. Group B offers ultra-low latency of just 1.5 ms.
- Uses 48 kHz / 24-bit digital audio sampling to deliver wide frequency response, high dynamic range, and detailed, natural sound quality.
- Provides XLR balanced and 6.3 mm unbalanced audio outputs with adjustable output level from -10 to +20 dB. Each channel can be output independently or mixed.
- Antenna connectors provide booster bias voltage and are compatible with MIPRO's professional antenna systems for extended range and improved signal stability.
- Powered by an external AC 100 – 240 V switching power supply for consistent performance under varying voltage conditions.
- Compatible with ACT-580 series handheld and bodypack transmitters, and supports other MIPRO 5 GHz series transmitters.
- Proudly developed and manufactured in Taiwan, delivering exceptional quality, high performance, and outstanding value.



SPECIFICATIONS

Channel	Dual
Chassis	Full-rack (19") metal chassis
Frequency Range	ISM 5.8 GHz
Bandwidth	125 MHz
Receiving Mode	True diversity
Display	Graphic OLED
Control Interface	ACT sync button, channel selection buttons and rotary knob
Sensitivity	12 dB μ V @ S/N > 100 dB
Frequency Response	18 Hz–23 kHz
Dynamic Range	> 120 dBA

Latency	< 1.5 ms (Group B)
EQ	Lo-Cut / Flat
Audio Processing	48 kHz / 24-bit sample rate
Audio Outputs	Balanced XLR for independent output; Unbalanced 1/4" (6.3 mm) for independent and mixed output; Output level adjustable from -10 to +20 dB
Antenna	50 Ω TNC female connectors provide bias for boosters. TNC connectors for daisy chain
Power Supply	DC 12–15 V. External AC 100–240 V switching power supply
Dimensions	420 × 44 × 162 mm (W × H × D)
Weight	Approx. 1.4 kg