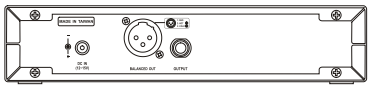
ACT-5801

5 GHz Digital Single-Channel Receiver

FEATURES





- Half-rack metal chassis with a built-in high-efficiency active antenna on the front panel for a compact, streamlined design.
- High-contrast graphic OLED display provides clear system information and wide viewing angles for easy operation.
- Operates in the 5.8 GHz ISM band, avoiding frequency overlap with conventional UHF and 2.4 GHz wireless systems.
- Group A offers 12 channels, while Group B provides 24 channels across B1 and B2. The two groups cannot be used simultaneously.
- Each channel supports 64 standard ID codes and one special ID to help prevent unintended audio reception between nearby systems.
- Built-in Channel Scan detects RF activity to help identify channels with less interference for reliable operation.
- MIPRO's ACT synchronization technology enables quick and accurate frequency pairing between the receiver and transmitter.
- True Diversity reception with dual tuners minimizes signal dropouts for reliable performance. Group B offers ultra-low latency of less than 1.5 ms.
- 48 kHz / 24-bit digital audio processing delivers an extended 18 Hz–23 kHz frequency response and over 120 dBA dynamic range.
- Balanced XLR and unbalanced 6.3 mm audio outputs with adjustable output gain from -10 to +20 dB.
- External AC 100–240 V switching power supply supports operation across different mains voltages.
- Compatible with MIPRO 5.8 GHz digital wireless transmitters, including handheld, bodypack, and other supported models.
- Designed and manufactured in Taiwan, delivering professional wireless performance and excellent value.

SPECIFICATIONS

Channel	Single
Chassis	Half-rack (9.5") metal chassis
Frequency Range	ISM 5.8 GHz
Bandwidth	125 MHz
Receiving Mode	True Diversity
Display	Graphic OLED
Control Interface	ACT sync button and rotary knob
Sensitivity	12 dBμV @ 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
Audio Outputs	Balanced XLR and unbalanced 6.3 mm outputs; adjustable output gain: -10 to +20 dB

Antenna	Built-in
Power Supply	DC 12–15 V; external AC 100–240 V switching power supply
Dimensions	210 × 44 × 162 mm (W × H × D)
Weight	Approx. 0.7 kg