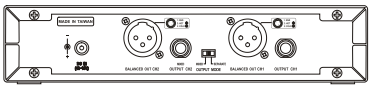
ACT-5802

5 GHz Digital Dual-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 information for both receiver channels 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 each receiver channel and its corresponding 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.
- Provides independent balanced XLR outputs, plus unbalanced 6.3 mm outputs with selectable independent or mixed modes. Output gain is adjustable 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	Dual
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, channel selection buttons 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

Specifications are subject to change without prior notice. CE026/01

Audio Outputs	2 × balanced XLR (independent), 2 × unbalanced 6.3 mm (independent/mixed); 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. 0.8 kg