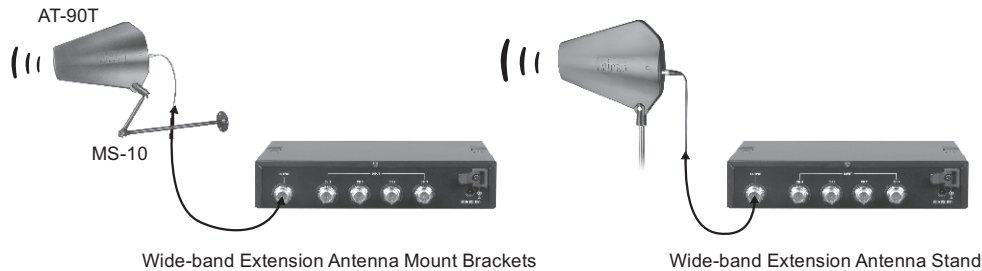


4-channel Active Antenna Combiner

3. Installation of Extension Antennas

MIPRO AT-70 or AT-90T Extension Antennas can be installed with MS-10 wall mount brackets or general microphone stand and connect by coaxial cables. It is recommended to use higher quality but minimized the length of coaxial cables and ensure antenna is positioned higher than the crowd and away from obstacle objects for optimal reception.



4. Power On:

The power indicator lights when Power on. When input signal is larger than 66dBm, the LED indicator will lit.

3. Cautions:

The frequency range is between 470MHz~960MHz, and it works with any MI-808T transmitter within this specified range. To obtain optimal transmission efficiency ensure the transmitting antenna is of the same frequency band as the transmitter itself. MIPRO AT-90T wide band directional antennas is highly recommended to work with AD-808.

Use 50Ω impedance coaxial cable (like RG-58) to connect the receiver and the antenna combiner system. Coaxial cable within 10 meters is the recommended length.

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MIPRO

AD-808

OPERATING MANUAL

4-channel Active Antenna Combiner



4-channel Active Antenna Combiner

Thank you for choosing MIPRO Antenna Combiner System. Before operating, please read the instructions carefully and completely for optimal performance.

The system includes following accessories:

1. Operating manual x 1

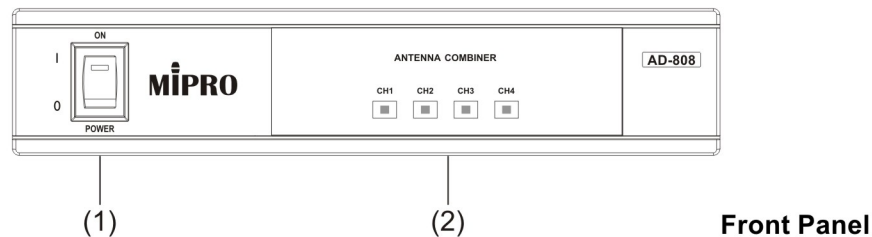
Main Function:

AD-808 is a professional UHF 4-channel active antenna combiner. The operating frequency range is from 470MHz to 960MHz. This system works with MIPRO MI-808T transmitter or similar products. Up to four wireless transmitters can be combined into one transmitting antenna for multi-channel professional applications.

Main Specifications:

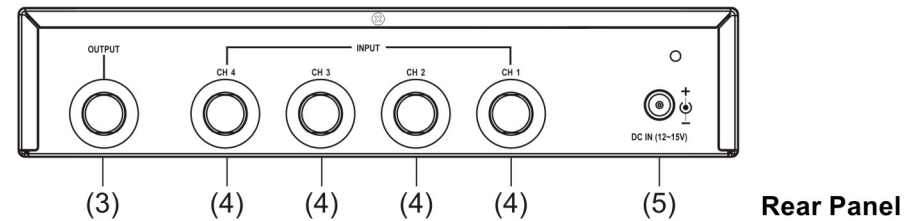
1. Bandwidth: 470MHz~960MHz.
2. Channels: Up to four transmitters.
3. Indicator: Equips with a signal input indicator. Input signal indicator is lit is signal is larger than 66dBm.
4. Maximum input power: +20dBm(100mW). Ideal intermodulation characteristic.

1. Names and Features:



- (1) **Power On/Off Switch:** When power-on, the light illuminates.
- (2) **Signal Input Indicator:** When input signal is larger than 66dBm, the indicator light lights.

4-channel Active Antenna Combiner



- (3) **Antenna output Jack:** To connect the combined signal and output to Antenna
- (4) **Signal input Jack:** To connect the output of four transmitters.
- (5) **DC Power Input Jack:** To connect 12~15DC from the AC/DC adapter.

2. Installations:

1. The installation of input signal

Use the coaxial cables with TNC connectors to connect the outputs of MI-808 to the inputs of AD-808 and then fasten.

Ascertain length of the coaxial cables is as short as possible to obtain the optimal reception. This system connects up to four MI-808T transmitters.



2. Antenna Installation

Align the corresponding coaxial cables to each mating outputs of each receiver. For optimal transmission, ascertain the antennas of the combiner and MI-808T transmitters have the same frequency bands.

