

P8828

8-Channel Antenna Distributor



Description

This unit is a UHF antenna distribution system with built-in amplification, designed to expand the functionality of wireless microphone systems by splitting a pair of antennas to multiple receivers. It also amplifies RF signals to compensate for insertion loss caused by distributing signal power across multiple output connectors. Additionally, it is equipped with a power connector capable of supplying DC power to UHF wireless systems.

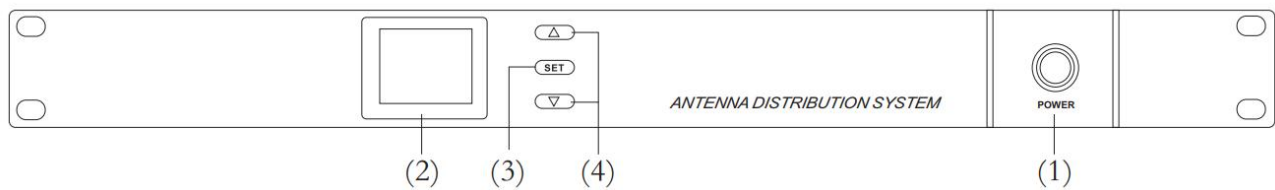
Features

- **Expansion Capability:** The antenna distribution system is designed for large-scale UHF wireless systems. Each main unit allows up to four wireless receivers to share the same two antennas.
- **Compatibility:** The system is compatible with all wireless microphone receivers operating within the supported frequency range.
- **Cascade Port:** By connecting one of the A or B output BNC ports to another antenna distribution system, the number of wireless microphone receivers can be further expanded.

Specifications

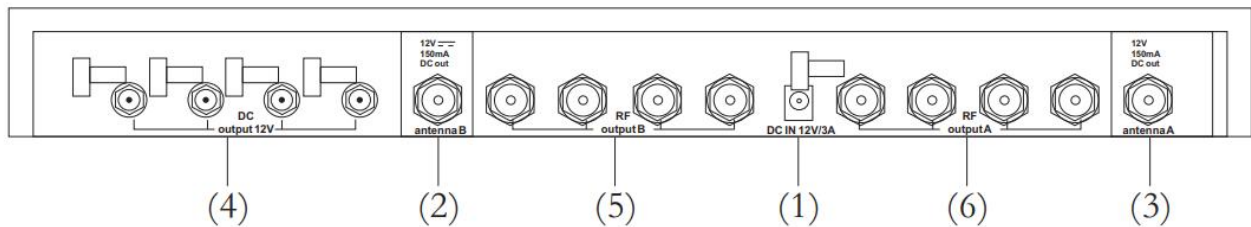
Model	P8828
Operating Frequency	500MHz-950MHz
Gain	5dB, 10dB, 15dB, 20dB (± 2 dB)
Spectrum Scanning Range	500MHz-950MHz
Number of Scan Channels	18
Input/Output Impedance	50 Ω
Antenna Power Supply	+12V DC/150mA, center positive
DC Output	12V DC/3A(MAX)*4, center positive
Power Supply	12V DC/3A (MAX)*4, center positive
Connector Type	BNC

Front Panel



- 1. Power Switch.
- 2. Display Screen.
- 3. SET Button: Press and hold the SET button, then use the Δ/∇ keys to select the desired gain.
- 4. Δ/∇ Keys: Use the Δ/∇ keys to select the desired channel for scanning.

Rear Panel



- 1. DC 12V Power Input Jack.
- 2. Antenna Input Port B, BNC connector for antenna input.
- 3. Antenna Input Port A, BNC connector for antenna input.
- 4. DC 12V Power Output Jack.
- 5. RF Output Port B, connects to antenna input B of the wireless microphone receiver.
- 6. RF Output Port A, connects to antenna input A of the wireless microphone receiver.