

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

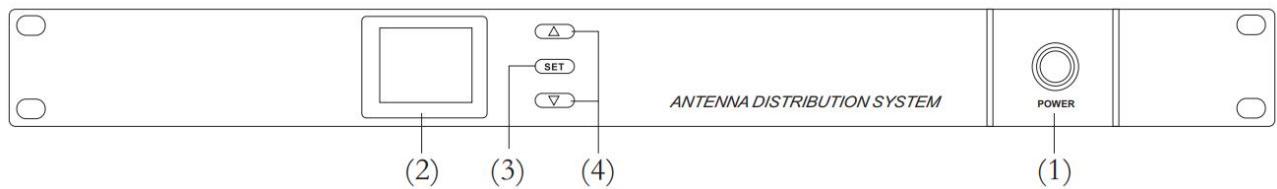
- Expansion Capability:** The antenna distribution system is designed for large-scale UHF wireless systems. Each main unit allows up to four wireless receivers to share the same two antennas.
- Compatibility:** The system is compatible with all wireless microphone receivers operating within the supported 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

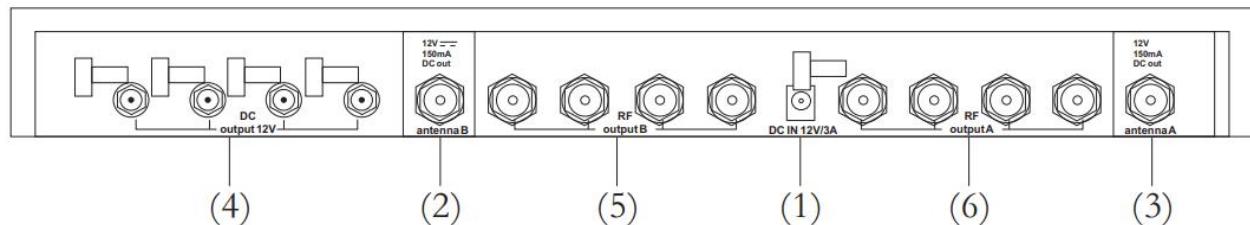
Front / Rear Panel

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.