

P8816

16-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.

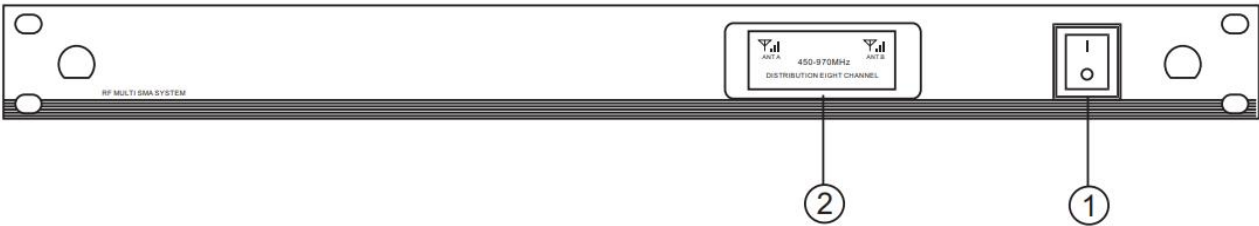
Features

- **Expansion Capability:** The antenna distribution system is designed for large-scale UHF wireless systems. Each main unit allows up to eight dual-antenna 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

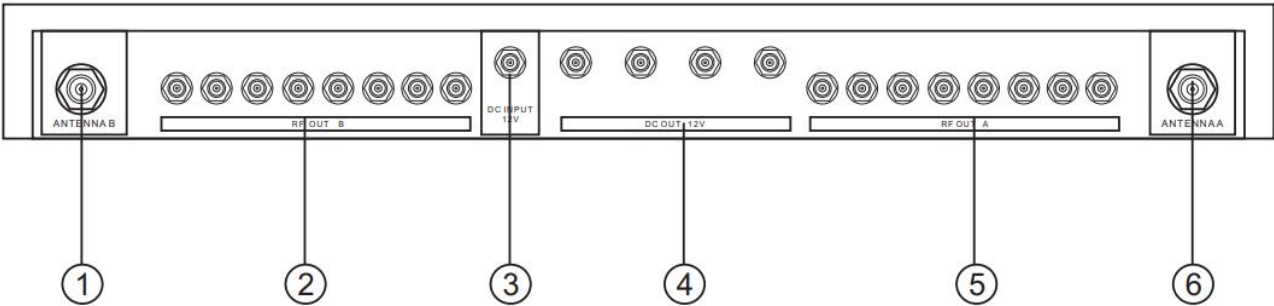
Model	P8816
Operating Frequency	470-950MHz
Operating Current	DC Max. 3000mA±100mA
Operating Voltage	DC 12-15V
Bias Voltage	DC 12V±1V
Bias Current	DC 150mA±10mA
DC Outlet	4 ports, max. 2.5A
Gain	0dB±1dB
Antenna Interfaces	SMA*16
Bias Interfaces	BNC*2
Impedance	50Ω

Front Panel



1. Power Switch.
2. Display Screen.

Rear Panel



1. Antenna Input Port, Channel B.
2. RF Output Connector, Channel B.
3. DC Power Input Connector.
4. DC Power Output Connector.
5. RF Output Connector, Channel A.
6. Antenna Input Port, Channel A.