

# AD-4S

## Antenna Distribution System

### OVERVIEW



The AD4S by Erthpot is a game-changer for those looking to expand their wireless microphone setups. This four-way active high-performance antenna distribution system simplifies the process of distributing signals from a single pair of antennas to multiple receivers. With AD4S, you can now share one pair of diversity antennas with up to four Arche Wireless receivers (Single or Dual), effectively reducing signal dropouts that are often caused by multiple antennas interfering with signal reception.

One of the key features of AD4S is its four internal power supplies, each capable of providing power of 12V/800mA to all the receivers connected to it. This ensures that all your receivers receive a consistent and reliable power supply, further enhancing the performance of your wireless microphone setup. Say goodbye to signal dropouts and hello to seamless audio transmission with the AD4S antenna distribution system.

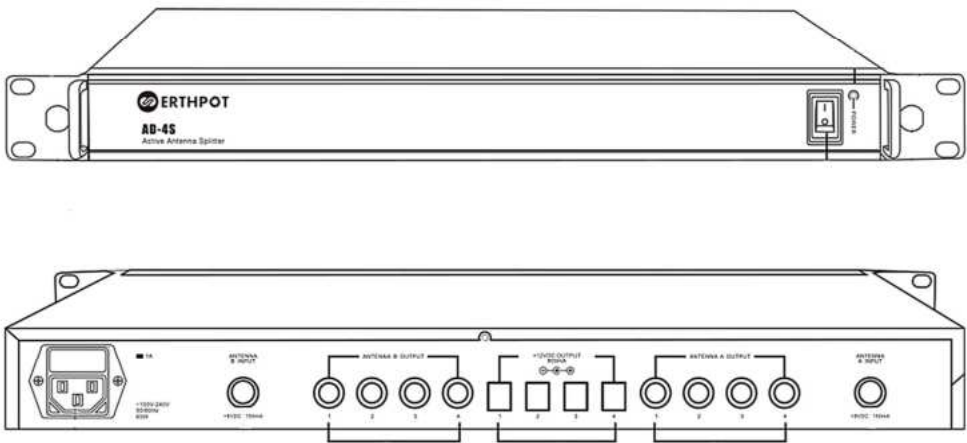
### KEY FEATURES

- Provides diversity antenna distribution to four single or dual receivers.
- Wide band frequency band allows stable RF signal reliability.
- Provides DC power distribution for four Arche Wireless receivers.
- RF Signal Output Gain of 3dB to compensate for insertion loss.
- Comes bundled with all necessary RF & power cables
- Full Metal housing unit with matte paint finish.

### TECHNICAL SPECIFICATIONS

Frequency Range:	470 — 900 MHz
Gain of Output:	0 dB, $\pm 3$ dB(A Typical)
Input Impedance:	50 $\Omega$ (A Typical)
Output Impedance:	50 $\Omega$ (A Typical)
Power Supply of Antenna:	+8V, 150mA
Power Supply of Receiver:	+12V DC, 800mA
Power Supply:	AC 100-240V, 50/60 Hz
Dimension (mm):	410(W) x 206(H) x 43(H)
Weight:	About 2.5 Kg

# MECHANICAL DRAWING



## APPLICATIONS

- Live Stage
- Convention Centers
- Stadiums & Arena
- Auditoriums

## SUPPLIED ACCESSORIES

- (2) - Front mounting BNC antenna cable (26 inches)
- (8) - BNC cables (22 inches)
- (4) - Non-locking DC power card (24 inches)
- (1) - AC power cord (1.5 mtr.)

## ENGINEER AND ARCHITECT SPECIFICATIONS

The Erthpot's Antenna Distribution System shall be wideband (470 - 900 MHz) in nature which shall expand a wireless microphone system by splitting one pair of antennas to multiple wireless microphone receivers. Each unit shall allow up to four wireless receivers to be used with the same two antennas. The Antenna Distribution System shall be compatible with remote mountable antennas as well with +- 3dB RF signal amplification to compensate for insertion loss due to splitting signal power to multiple output connectors. The System shall have at least 8 RF Cables (50 Ohm Impedance) & 4 DC power interconnect cables along with the unit

**Erthpot warrants your product against all defects and factory errors when purchased.**

Erthpot stands behind the quality of its products, offering a generous 3-year warranty from the date of retail purchase. During this period, should any defects arise, Erthpot is committed to providing optimal solutions, which include repairing the product with genuine spare parts or replacing it with an equivalent new product\*

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