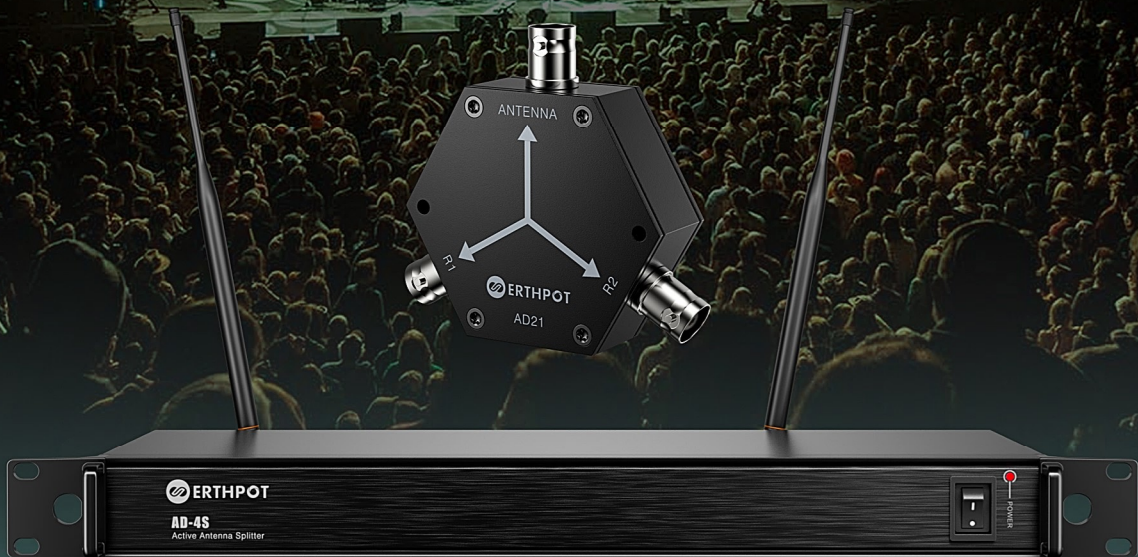




# ANTENNA DISTRIBUTION SYSTEM



## SYSTEM COMPONENTS

# AD-4S

## Antenna Distribution System

### Overview

The AD4S by Erthpot revolutionizes wireless microphone setups with its four-way active high-performance antenna distribution system. Simplifying signal distribution from a single pair of antennas to multiple receivers, it enables seamless sharing of diversity antennas with up to four Arche Wireless receivers (Single or Dual), reducing signal dropouts caused by antenna interference. With four internal power supplies delivering 12V/800mA to all connected receivers, consistent power ensures optimal performance, eliminating signal interruptions and ensuring seamless audio transmission. Say hello to uninterrupted audio and bid farewell to signal dropouts with the game-changing 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

## SYSTEM COMPONENTS

### AD49-W

#### Active Wide Band Directional Antenna

AD49-W is a wide band directional antenna (470 - 900 MHz) designed to be used with professional wireless microphones. Its in built RF amplifier allows signal gain of up to 13 dB to compensate for long cable runs. The specifically designed antenna's midrib and side vein receptors allow a higher polarization of 6dBi towards its cardioid pick up coverage. The AD49-W can be fixed to the microphone stand or suspended from the ceiling, or it can be fixed to the wall using the integrated rotatable stand. The lightweight metal structure allows rugged use over indoor or outdoor working conditions



### AD21

#### Antenna Splitter / Combiner

AD21 is a two way passive antenna splitter/ combiner compatible with Erthpot's Arche Wireless Systems. This handy device can split an incoming signal into two outgoing signals, or it can combine two incoming signals into one signal, giving you even more flexibility and options for improving your signal strength.



## APPLICATIONS

### LIVE STAGE



### CONVENTION CENTERS



### AUDITORIUMS



### STADIUMS





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