

AD49-W

Active Wide Band Directional Antenna



OVERVIEW

AD49-W is a active wide band directional antenna (470 - 900 MHz) designed to be used with professional wireless microphones. It's 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.

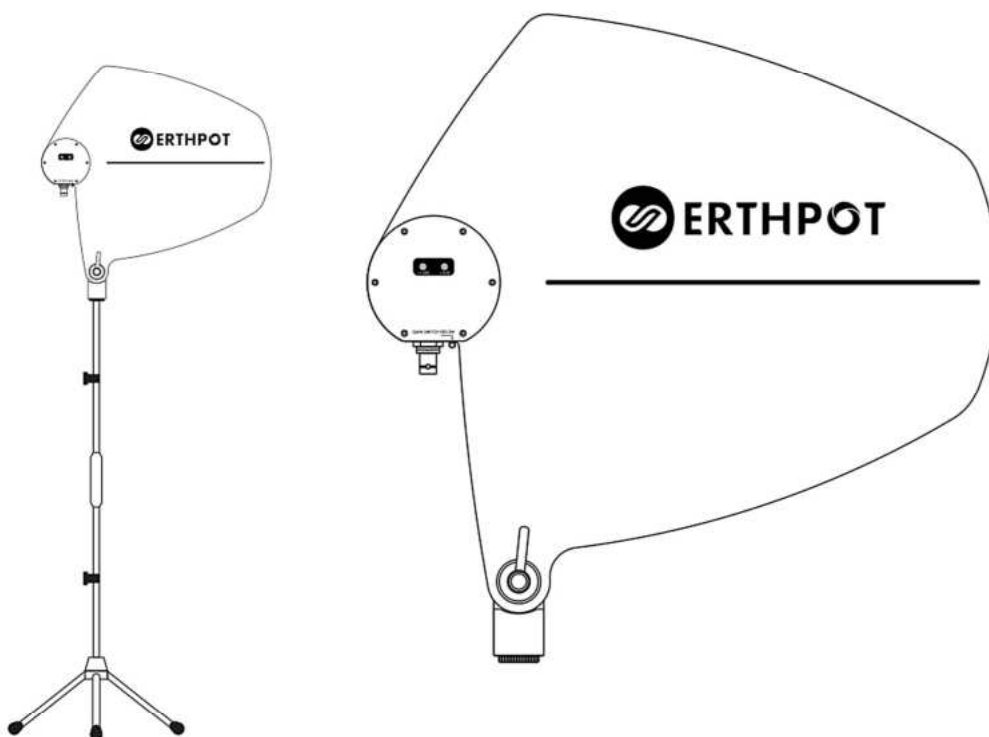
TECHNICAL SPECIFICATIONS

Antenna Frequency Range:	480MHz~950Mhz
Amplifier Frequency Range:	480MHz~950MHZ
Antenna Directivity:	Cardioid
Antenna Polarization:	Line
Antenna Gain:	≥6.5dB
Antenna Standing Wave Ratio:	<2
Amplifier Gain:	5dB/13dB
Amplifier Low Noise:	<0.45dB
Amplifier OIP3:	>38dBm
External Power Supply:	6-12V DC
Current:	<50mA
Connector Port:	BNC female
Dimensions (mm):	323(L) x 306(W)

KEY FEATURES

- Wide band directional antenna
- In built RF amplifier of 5/13 dB selectable gain
- Cardioid pick up coverage with 6dBi gain
- Lightweight in design
- Suitable for both indoor and outdoor conditions

MECHANICAL DRAWING



APPLICATIONS

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

ENGINEER AND ARCHITECT SPECIFICATIONS

The Antenna shall have wide band coverage of UHF bands (470 - 900 MHz) with uni-directional pick up design. The antenna shall also have an in built RF amplifier of 5/13 dB gain (selectable) to compensate the losses incurred with the RF cable transmission. The antenna shall be made up of durable matte finish metal body suitable for indoor and outdoor conditions. The antenna shall be mountable on microphone stand or suspended from the ceiling using the wall/ceiling bracket.

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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