



# Diversity Fin Antenna™

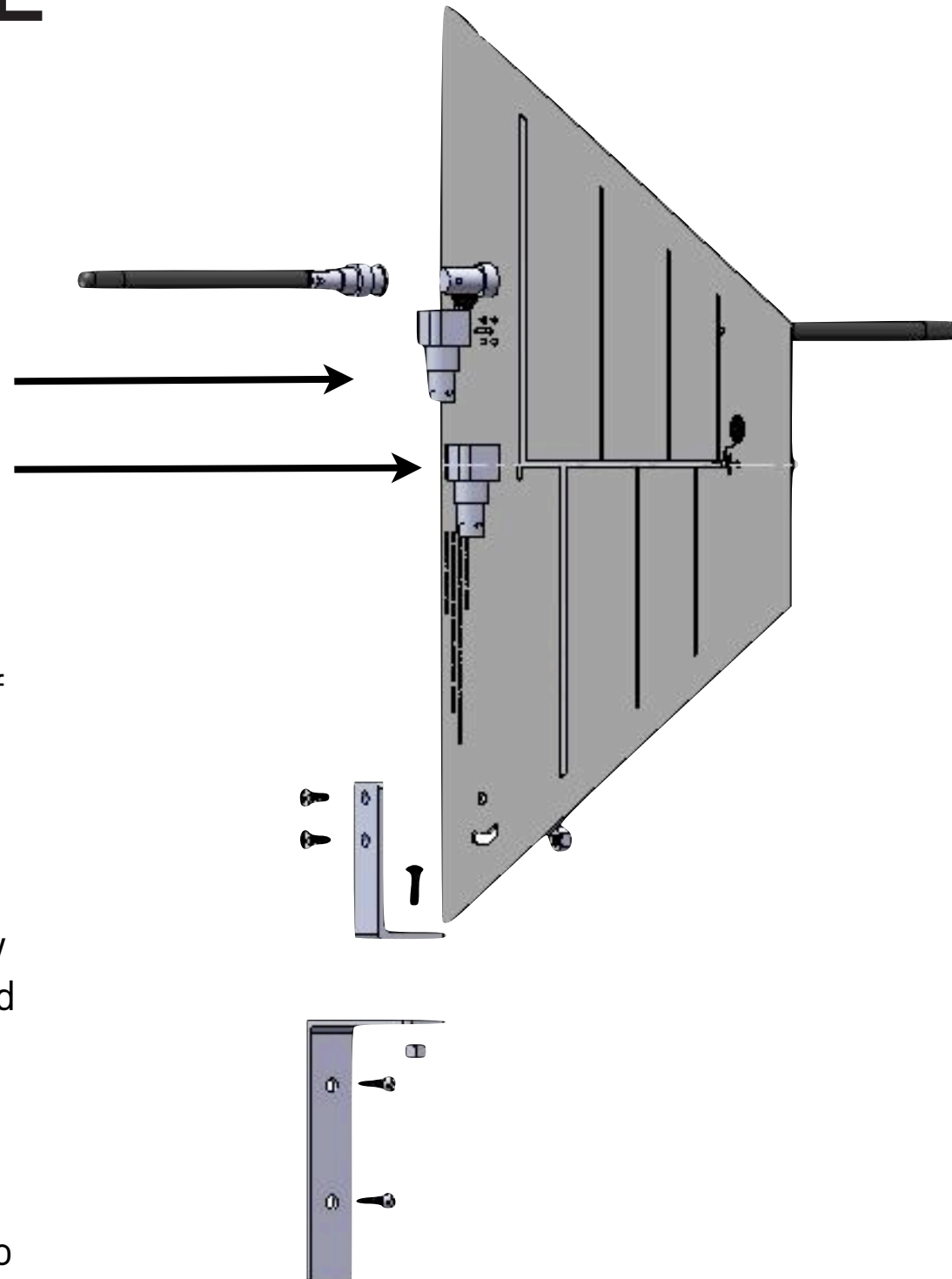
## Installation Guide

Connect 50 ohm, low-loss coaxial cables to right angle BNC connectors on Diversity Fin. (RF Venue RG8X cabling recommended, PN: RG8X25 or RG8X50)

Connect first cable to 'A' side of wireless microphone receiver or antenna distributor and second cable to 'B' side

Drill mounting holes and screw L bracket to wall using provided screws and drywall inserts if needed.

Adjust Diversity Fin angle and height to achieve line of sight to stage or primary wireless area



The Diversity Fin™ Antenna is designed to be used with wireless microphone systems and other diversity UHF receivers, and comprises two separate antenna elements- a directional LPDA and bi-directional dipole. The LPDA and the dipole are oriented 90 degrees from one another to achieve spatial diversity and improve signal reception in indoor environments.

Model Number	DFIN
Operating frequency	468-740 MHz
Bandwidth	272 MHz
Average return loss	-9.4 dBm
Impedance	50 Ω
Pattern type	Dual Omni-Unidirectional
<b>LPDA</b>	
Beam width	140°
F/B Ratio	8 dB
F/S Ratio	5 dB
Gain	5 dBd
Polarization	Vertical
<b>Dipole</b>	
Beam width	100°
F/B Ratio	5 dB
F/S Ratio	13 dB
Gain	1.8 dBd
Polarization	Horizontal
Connector	BNC Female (2)
Length	12 in / 300mm
Height	15 in / 370mm
Weight	1 lb / 454 g
Mount	L-Bracket Wallmount
Color	Matte White

For more information visit [www.RFvenue.com](http://www.RFvenue.com) or call 617-500-9096