

# Specifications



## CP Stage Antenna

### Weather-Resistant IP-Rated Antenna for Wireless Microphones and In-Ear Monitors

The CP Stage is a compact, circularly-polarized antenna designed specifically for wireless microphones and in-ear monitors. It is housed in a lightweight yet durable weather-resistant enclosure, making it suitable for both indoor and outdoor use. The antenna can be easily connected to any standard microphone stand, providing a secure connection to and boosting signal quality for both in-ear monitors and microphones.

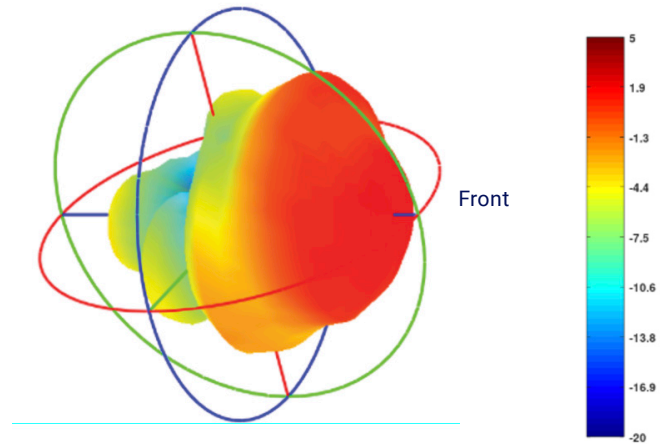
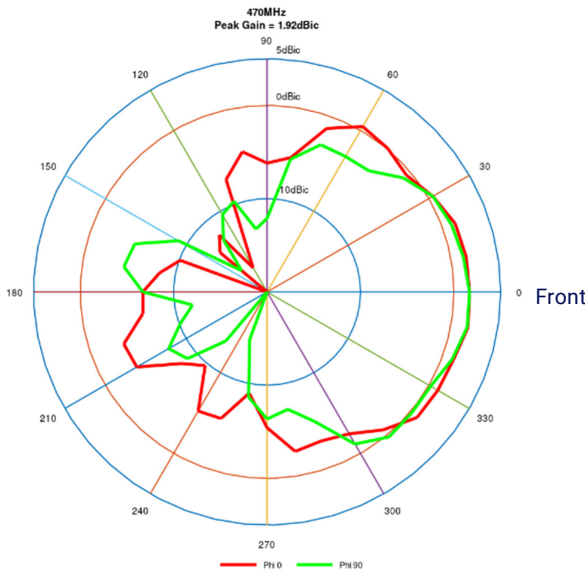
The CP Stage is designed to operate between 470 and 928 MHz. This range covers North American UHF band frequencies 470-698, European 823-832 and 863-865 MHz bands and the 902-928 MHz ISM band.

With a small amount of forward gain, the CP Stage is best set up with the RF Venue logo side facing your wireless microphones or in-ear monitors. Do not point the CP Stage edgewise like an LPDA (paddle) type antenna, as this will reduce signal level. For best results, make sure the CP Stage maintains line of sight, free from obstructions or people. When used for transmitting in-ear monitors, keep receive antennas for wireless microphones in the side null of the CP Stage and maintain a minimum distance of six feet.



Logo Side Face Front

SKU CP-STAGE  
Use One for In-Ear Monitor Transmission  
Use Two for Wireless Microphone Diversity Reception



Independent Lab RF Anechoic Chamber Measurements

Electrical		Physical	
Operating Frequency	470 – 928 MHz	Dimensions	248 x 306 x 27 mm / 10" x 12" x 1"
Bandwidth	458 MHz	Weight	.9 kg / 2 lbs
Average return loss	10 dB	Mounting Interface	5/8"-27, 3/8"-16
Impedance	50Ω	Operating temperature	-10-40° C / 14-104° F
Pattern type	Hypercardioid	IP rating	IP44
Polarization	RHCP	Color	Matte black
Beam width	120°	Connector	BNC-F
Gain @ 500 MHz	3 dBi		