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## **RF Venue CP Architectural Antenna**



RF Venue, a company with expertise in essential RF accessories for wireless audio, has launched its CP Architectural Antenna. Building on the highly acclaimed CP Beam Antenna and housed in the same slim enclosure as the RF Venue Diversity Architectural Antenna for invisible performance, the CP Architectural Antenna provides enhanced protection against wireless IEM dropouts and improves sound quality for IEM bodypack receivers.

Unlike LPDA ("paddle") remote antennas with a fixed polarization, the CP Architectural Antenna uses a unique circularly polarized design to deliver a consistent signal to IEM bodypacks, even when the performer bends or twists. The antenna's low-profile housing can be installed on a wall or ceiling for optimal line-ofsight to IEM users. The housings can also be painted to match any interior for aesthetic neutrality, which room designers and architects appreciate.

"RF Venue very successfully folded the proven performance of our Diversity Fin Antenna into the compact, unobtrusive housing of the Diversity Architectural Tuesday, 02 May 2023 12:29

Antenna for installed wireless microphone systems," says RF Venue Chief Innovation Officer Chris Regan. "The logical next step was to apply that same approach to our CP Beam Antenna for wireless IEMs. The CP Architectural Antenna is the result. In fixed install where aesthetics are important, these solutions solve RF system problems while disappearing into their surroundings."

When more than one IEM transmitter is in use, feeding IEM transmitter outputs to a combiner and the combiner output to the remote antenna is recommended as multiple IEM transmitters housed together in a rack, each with their own whip antenna transmitting on top of each other, create noise and intermodulation that can wreak havoc not only on IEM performance but on neighboring wireless microphones receivers as well. The CP Architectural Antenna is available in RF Venue Wireless In-Ear Monitor Upgrade Packs which bundle COMBINE4 or COMBINE8 antenna combiners and all needed cabling for a clean, easy setup.

When the CP Architectural Antenna is used in conjunction with the Diversity Architectural Antenna, which features horizontal and vertically polarized diversity reception for wireless microphone receivers, the combination optimizes the performance of a complete wireless audio system regardless of mic and IEM system brands or models.

The CP Architectural Antenna will begin shipping June 1 at a price of \$629 (USD).

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