

CXP-121C COAXIAL ACTIVE SPEAKER



APPLICATIONS

- Compact Portable High Energy Sound Reinforcement
- Fixed Install Powered Systems

FEATURES

- Class D 2000 Watt Peak Amplifier Power
- Bi Amplified Design With Precision High Order Filtering
- Electronically Balanced Inputs and Thru
- 305mm (12") Coaxial Transducer
- Large Format Pure Titanium Compression Driver
- Large Format Voice Coil 101mm (3.5") Low Frequency Transducer
- Multiple M10 Rigging Points

The P Audio CXP 121C is a very high performance professional sound reinforcement system. The CXP 121C is an active design that features two channels of class D amplification and a universal power supply. The design includes a precision analog preamplifier with 4th order crossover filters. The CXP 121C is designed for general public address applications and is a very high performance powered floor monitor. The CXP 121C is ideal for fixed installation applications such as restaurants, bars, retail outlets and general purpose indoor public address and full range music systems. The design is also very well suited for live performance and touring applications. The CXP 121C features a wide bandwidth 12 inch (305mm) coaxial device. The high frequency transducer is a large format true compression driver. The rated included angle is 90 degrees conical. The CXP 121C may also be used with the CXP 21 Sub deep bass transducer when extended low frequency output and bandwidth are specified.

The CXP 121C combines a 2000 watt peak power amplifier with a matched pre amp. The low frequency section is a 1000 watt peak (500 watt burst) amplifier. The high frequency amplifier also features a 1000 watt peak (500 watt burst) amplifier. The precision preamplifier features fully electronically balanced XLR based inputs and parallel "thru" connections. The amplifier includes peak limiting.

The low frequency section is a 12 inch (305mm) transducer that features a large format voice coil. This design assures very high power handling and high reliability. The vented enclosure design has been optimized for use with this low frequency device and is tuned for both full range applications as well as for critical monitoring applications. The titanium based high frequency driver is a 75mm diaphragm design that features a close spaced phase plug and extended high frequency response.

The enclosure is constructed with high quality plywood and finished in a very durable polyurea coating. The system includes a top hat style stand adaptor and an optional eye bolt kit to allow flexible mounting.

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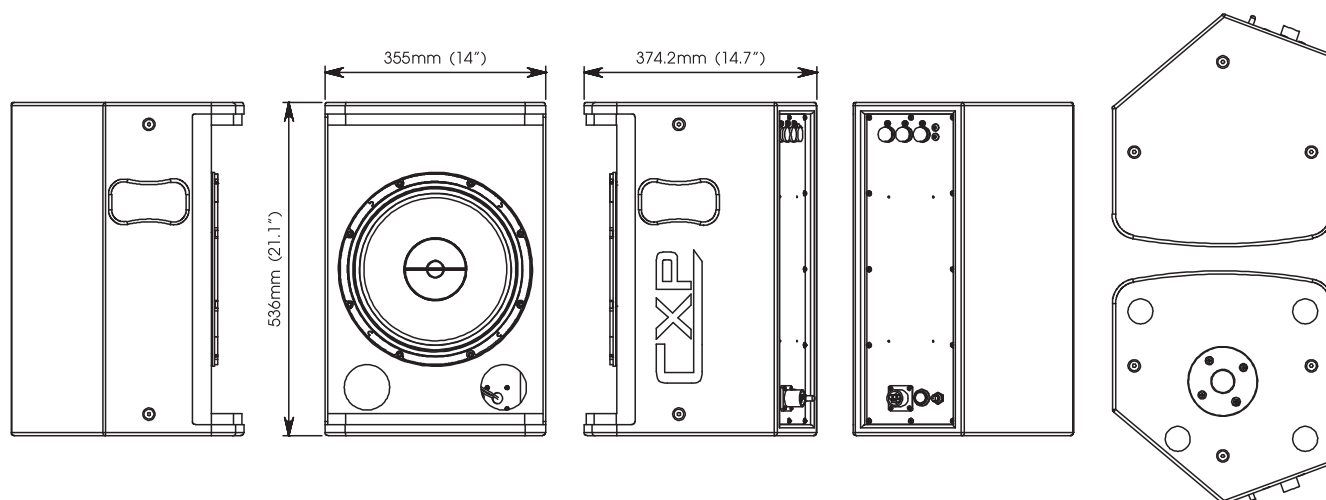
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SPECIFICATIONS

Frequency Response (-10dB)	65Hz - 20kHz
Maximum continuous SPL	125dB
Dispersion (H x V)	90° x 90°
LF Components	12" Woofer
HF Components	Large Format Compression Driver
Connections	XLR Line Input, XLR Line output (THRU)
Input Impedance	Line 22k Balanced
Input Sensitivity	Line XLR 0.775V (0 dBu)
Power Output	1000w PEAK Low Frequency 1000w PEAK High Frequency Switching Power Supply, Class D
Protection Circuits	Turn on delay, Short Circuit Protection, DC Voltage Protection, Peak voltage limiter, Over Temperature protection
Net Weight	26 kg / 57.3 lbs
Dimensions (HxWxD)	536 x 355 x 374.2 (mm) 12.1 x 14 x 14.7 (in)

DIMENSIONS



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