



DRIVEN BY SOUND

## Product Overview Sheet

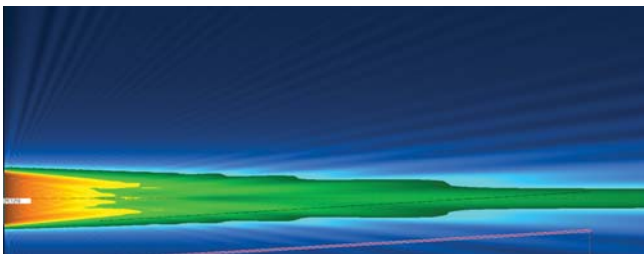
# CPC1212P

## Why We Built It

You need a self-powered large format high SPL line array column that is best suited for a venue that has excessive RT60 times and/or a medium to long throw is needed with minimal hanging height. Within its operating bandwidth, expect at least 108dB SPL in the seats with a properly designed system.

## What You Need To Know

- (12) 6.5" extended LF woofers and (12) 5" Planer Ribbons. Equivalent output of 2 LS8695 columns stacked into one cabinet
- Built in PowerSoft 2000W amplifier with full DSP
- Power supply is a universal regulated switch mode with PFC, Operating range is 90V to 264V AC
- 99lbs, 84.5" H x 11.5" W x 15" D
- XLR analog input with an unprocessed loop-through output.
- Internal DSP latency is 3.5msec
- Two presets are available, full range and one with a 24dB BW HPF filter set at 80Hz
- Can be used as singles or in pairs. When using two, boxes are mirror imaged with each other in the vertical plane as there is a bottom port
- Use our free LASS coverage prediction software to calculate coverage angles and number of units needed for your particular application. Design Note: These line columns have no vertical dispersion in the HF within their typical throw distances. Vertical coverage is determined by the angle and rigging height of the column. Be careful as the HF coverage window is very defined. Typically no more than two degrees of down angle should be used for flat floors.



## Features

- Ribbon High Frequency Driver  
Ribbons make the best line columns because they are a line source in and of themselves. The precise ribbon acoustic coupling allows for exceptionally consistent sound field coverage in the vertical plane.
- CoPlaner Driver Arrangement  
Ribbons by their nature are shallow drivers which allows us to easily mount them in front of woofers or midranges. Utilization of acoustic EQ and filtering in addition to a conventional crossover provides for a higher dynamic range and significant upper midband distortion reduction in comparison to conventional direct radiating designs. It also produces a compact, coherent and integrated sound source with symmetrical pattern control
- Amplification by PowerSoft  
An innovative leader in the amplifier market, PowerSoft excels at compact, powerful and musical designs. We are proud to feature their technology in our powered systems.