



DRIVEN BY SOUND

Product Overview Sheet

CPA6600 / CPA6600-I

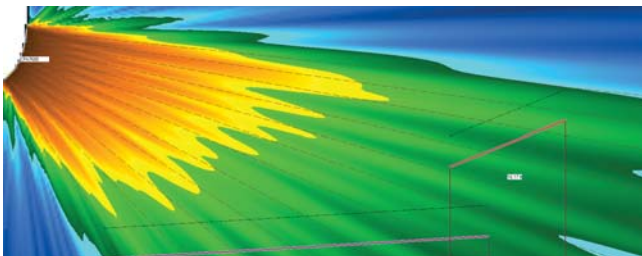


Why We Built It

You need a compact sized line array module that is best suited for an application that does not need extended low frequency or the design is coupled with subwoofers. Within it's operating bandwidth, expect at least 105dB SPL in the seats with a properly designed system.

What You Need To Know

- 16 ohm impedance
- Passive crossover included
- 18lbs, 8.5" H x 13.25" W x 14.75" D
- Can power up to (6) units in parallel with an amp channel but (4) or less is recommended due to power loss in cables and typically increased amp distortion below four ohms.
- Amp size (minimum to recommended)
400W RMS to 800W RMS @ 4 ohms (4 units in parallel)
- We recommend no less then (6) boxes be used in a single hang for line array 3dB loss performance. Less then six tends to create EQ problems in the listening planes.
- Use our free LASS coverage prediction software to calculate coverage angles and number of units needed for your particular application. Design Note: If every splay angle in the array is at 5 degrees or greater, there are not enough boxes in the array to get the best performance out of ribbons. Try to have at least half of the array at 5 degree splay or less for excellent ribbon coupling.
- Standard version uses NL4 inputs, I version uses barrier strips
- With a properly designed system, expect at least 105dB SPL in the seats with a LF extension down to approximately 90Hz (LF extension will vary depending on number of boxes in the array and proximity to wall or ceiling surfaces, 90Hz is the minimum that can typically be expected).



Features

- Ribbon High Frequency Driver
Ribbons make the best line arrays 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
- Symmetrical Driver arrangement -
Consistent off axis performance. Easier to perform final EQ
- Single pull back rigging
Easier to assemble the array or set angles in the air or on the ground