

Cohesion CP-6

Self Powered Loudspeaker



The Cohesion Series CP-6™ self-powered point source loudspeaker system provides large system performance in a compact package. The CP-6 is equally well suited for large-venue front or spot fill, corporate and theatrical reinforcement, or high accuracy nearfield monitoring.

The CP-6 features dual 6.5" long-excursion, neodymium low frequency transducers in optimally tuned, vented enclosures. The transducers are individually powered and processed for maximum headroom and pattern control optimization.

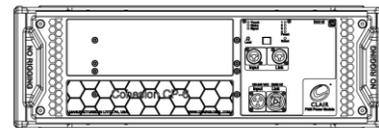
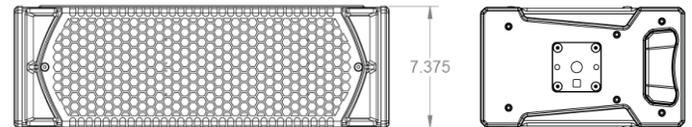
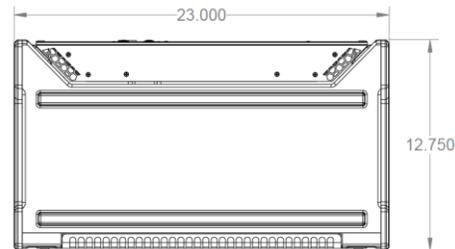
The high frequency section comprises a single 1.7" voice coil compression driver mated to a variety of horn options. Optimized using advanced Boundary Element Analysis methods and crafted out of solid wood, all CP-6 horn options provide exceptionally linear acoustic response while maintaining precise pattern control throughout their operating range. All horn options are rotatable for maximum speaker placement and coverage flexibility.

The internal three-channel amplifier provides exceptional headroom, while the internal digital signal processor contains presets optimized for a variety of unique usage conditions. The amplifier module is forced air cooled and is well protected from the elements, to ensure reliability in the harshest operating environments. The amplifier module is field-swappable in the unlikely event of a failure.

A full line of mounting and rigging accessories allow for excellent placement versatility and seamless integration with any design. Road cases are available in multiples of four or nine units.

Designed to withstand the rigors of the road, the CP-6 is constructed of the finest marine grade Finland birch plywood. The enclosure and components are engineered for rock-solid rigidity without adding unnecessary weight. A foam backed, aluminum grille and weather treated transducers ensure reliability in harsh environmental conditions.

As with all Clair loudspeaker products, the CP-6 is designed, engineered, and made with pride in the USA.



CP-6 Technical Data

Type	Compact Self-Powered Loudspeaker	Frequency Response	65Hz-20KHz (+/-3dB) (Full Range Mode)
Applications	Corporate/Theater Front & Spot Fill Nearfield Monitors	Coverage Pattern (Rotatable) (Optional)	120° x 60° 80° x 60°
Rigging Hardware	Universal mounting points for a variety of accessories *See CP-6 Rigging Guide for details	Components	LF: (2) 6.5", neodymium HF: (1) 1.7" diaphragm
Compatible With	All Clair loudspeaker systems Clair Cohesion series subs	Power Rating	3 Channel, 2800w total
Amplification	Self-Powered	Connectors	(1) Powercon TRUE1 In/Thru XLR In/Thru
Processing	Internal DSP Presets for multiple configurations	AC Power	100-240V AC 50/60 HZ Power Factor Corrected
Transportation	Cases for (4) or (9) CP-6 loudspeakers	Weight	32 lb (14.6 Kg)
Construction	Premium multi-ply Finland marine plywood enclosure Proprietary multi-step epoxy paint process	Dimensions	7.375"(h) x 23.0"(w) x 12.75"(d) 188 x 584 x 324 mm