DESCRIPTION

The CPL46 is a versatile, three-way full-range bass reflex loudspeaker system engineered for installation in theaters, houses of worship and corporate applications. CPL systems may be ordered to match your specific applications. The 60 x 40 HF horn is rotatable for narrower horizontal coverage or for vertical mounting. CPL systems may be ordered with a variety of finishes—black Tuf-Coat™ finish with a black perforated steel grille, white Tuf-Coat™ finish with removable white grille cloth covering the grille, and unfinished wood surface with removable brown grille cloth covering the metal grille. Five year limited warranty.

APPLICATIONS:
• Sound Reinforcement
• Houses of Worship
• Sport Facilities & Health Clubs
• Performance Venues
• A/V Systems

FEATURES:
• Black, White Tuf-Coat™, or Unfinished Exterior
• 1" Titanium HF With 3 Position Level Switch
• Passive or Biamp Operating Modes
• PowerSense™ DDP (Dynamic Driver Protection)
• Small Profile Trapezoidal Enclosure for Tight Spaces
• Load-rated 3/8" Rigging Points
• No Handles for Clean Appearance
• Barrier Strip Input on Steel Input Panel

SPECIFICATIONS

1. Sensitivity: Free field pink noise measurement at 20 ft / 6.1 m at 25% power; extrapolated to 1 meter and an input of 2 volts RMS.
2. Watts: All wattage figures are calculated using the rated nominal impedance.

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The loudspeaker system shall be a three-way, full-range bass reflex trapezoidal design with one 15 in. Ferrofluid-cooled woofer, 1 6.5" Ferrofluid-cooled cone and one 1 in. exit HF driver with a titanium diaphragm mounted to a 65° HF fiberglass horn. Drivers shall be connected to an integral crossover with crossover frequencies of 500 Hz and 2 kHz and integral over-current protection circuitry using high positive current coefficient resistors. There shall be one five-terminal barrier strip input connector with built-in jumpers for bi-amplified connection. The loudspeaker enclosure shall be 13-ply Baltic birch plywood with a 16 gauge perforated steel grille (with a white cloth cover) and finished with black Tuf-Coat™ finish. The system shall have an amplitude response of 50 Hz to 18 kHz (+/- 5 dB), input capability of 28V RMS, 97 dB sensitivity at one meter and 2V / 4 ohms nominal impedance. The nominal dispersion shall be 65°H x 30° V from 2 kHz to 10 kHz. The loudspeaker shall be 33.5 in. (851 mm) H x 19.75 in. (502 mm) W (front) x 13 in. (331 mm) W (rear) x 17.9 in. (455 mm) D and weigh 83 lbs (37.6 kg).