SPECIFICATIONS (See notes 1 and 2)

Loudspeaker Type: Ported subwoofer
Operating Range: 40 Hz - 250 Hz
Max Input Ratings: 150W continuous, 375W program
Recommended Power Amplifier: 300W to 450W @ 8 Ohms
Sensitivity 1W/1m: 95 dB SPL (40 Hz - 250 Hz 1/3 octave bands)
Maximum Output: 117 dB SPL / 124 dB SPL (peak)
Nominal Impedance: 8 Ohms
Min Impedance: 7.8 Ohms @ 120 Hz
Nominal -6 dB Beamwidth: 360° H x 360° V
Axial Q / DI: 1 / 0, 40 Hz - 250 Hz
High Pass Output: 150 Hz (screw terminals)
Recommended Signal Processing:
125 Hz - 200 Hz electronic crossover
30 Hz high pass filter
Drivers: (1) 15", Ferrofluid-cooled
Driver Protection: PowerSense™ DDP
Input Connection: (1) 5 terminal barrier strip
Controls: None

Enclosure 13-ply 18 mm Baltic birch, Tuf-Coat™ finish (see options)
Enclosure Hardware: None
Mounting / Rigging Provisions:
(6) 3/8-16 rigging points, W.L.L. 150 lb. vertical pull each
Grille: 16 gauge perforated steel, black powder coated (see options)
Required Accessories: None
Supplied Accessories: None
Optional Accessories:
3/8EYBLTKIT: (4) forged 3/8-16 eyebolts
DSC42: digital system controller

Dimensions:
Height: 26.5 in. / 673 mm
Width: 19.5 in. / 494 mm
Depth: 17.9 in. / 455 mm
Weight: 66.5 lb. / 30.2 kg
Shipping Weight: 73 lb. / 33.1 kg

1. Sensitivity: Free field pink noise measurement at 20 ft / 6.1 m at
50% power; extrapolated to 1 meter and an input of 2.83 volts RMS.
2. Watts: All wattage figures are calculated using the rated nominal
impedance.

APPLICATIONS:
• Theatres / Auditoria
• Houses of Worship
• Sport Facilities & Health Clubs
• Clubs
• A/V Systems

FEATURES:
• Black, White Tuf-Coat™ finish or Unfinished Exterior
• 15" Ferrofluid-cooled Woofer
• Three Ports for Efficient Bass Output
• PowerSense™ DDP (Dynamic Driver Protection)
• Small Profile Enclosure For Tight Spaces
• Load-rated 3/8" rigging points
• No Handles for Clean Appearance
• Barrier Strip Input on Steel Input Panel

DESCRIPTION
The CPL51 is a versatile high-efficiency subwoofer designed for installation with smaller CPL full-range
driver systems for extended deep bass output in
smaller installations. The CPL51 has a 150Hz high pass
output filter that can be used to directly feed XLT41E or
CPL42 full range systems, thus requiring only one
amplifier channel to power both systems. When used
with a CPL43 or larger CPL full-range system, a
separate amplifier channel is recommended for each
system. Five year limited warranty.

OPTIONS:

CPL51B = black Tuf-Coat™ finish
CPL51W = white Tuf-Coat™ finish
CPL51U = unfinished

1. White cloth over grille, 2. Brown cloth on grille

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ARCHITECTS’ AND ENGINEERS’ SPECIFICATIONS

The loudspeaker system shall be a subwoofer of bass reflex design with one 15 in. Ferrofluid-cooled woofer. The driver shall be connected to integral over-current protection circuitry using high positive current coefficient resistors as well as to an integral high pass filter at 150 Hz connected to high pass output terminals. There shall be one five-terminal barrier strip input/output connector. The loudspeaker enclosure shall be 13-ply Baltic birch plywood with a 16 gauge perforated steel grille {with a white {brown} cloth cover} and {unfinished} finished with black Tuf-Coat™ {white} finish. The system shall have an amplitude response of 40 Hz to 250 Hz (+/- 5 dB), input capability of 35V RMS, 95 dB sensitivity at one meter and 2.83 V / 8 ohms nominal impedance. The nominal dispersion shall be omni-directional throughout the operating range. The loudspeaker shall be 26.5 in. (673 mm) H x 19.5 in. (494 mm) W x 17.9 in. (455 mm) D and weigh 66.5 lbs (30.2 kg).

Specifications subject to change without notice.