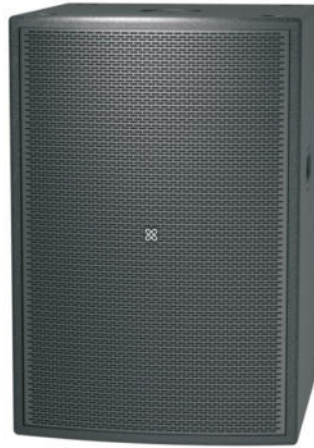


CPL⁺™ Series

CPL™ 15B⁺ - Passive Subwoofer



PRELIMINARY



Description

The Crest Audio® CPL™ 15B⁺ is a passive subwoofer designed to extend the performance of the CPL series loudspeaker systems down to 36 Hz. It is the ideal add on for music playback, public address and live performance reinforcement applications.

The CPL 15B⁺ can be utilised for both permanent installations and portable live sound applications. Perfect for public address, and background audio reinforcement purposes typically required in houses of worship, clubs, bars/restaurants, retail outlets plus education and corporate meeting facilities or anywhere high quality audio distribution and powerful low end is required.

The CPL 15B⁺ is equipped with a premium 15 inch woofer having a 4 inch voice coil. Impedance of the loudspeaker is 8Ω allowing for easy daisy chaining. Connectivity is made via either two looping 4-pin twist-lock or one 4-pin Euroblock connectors.

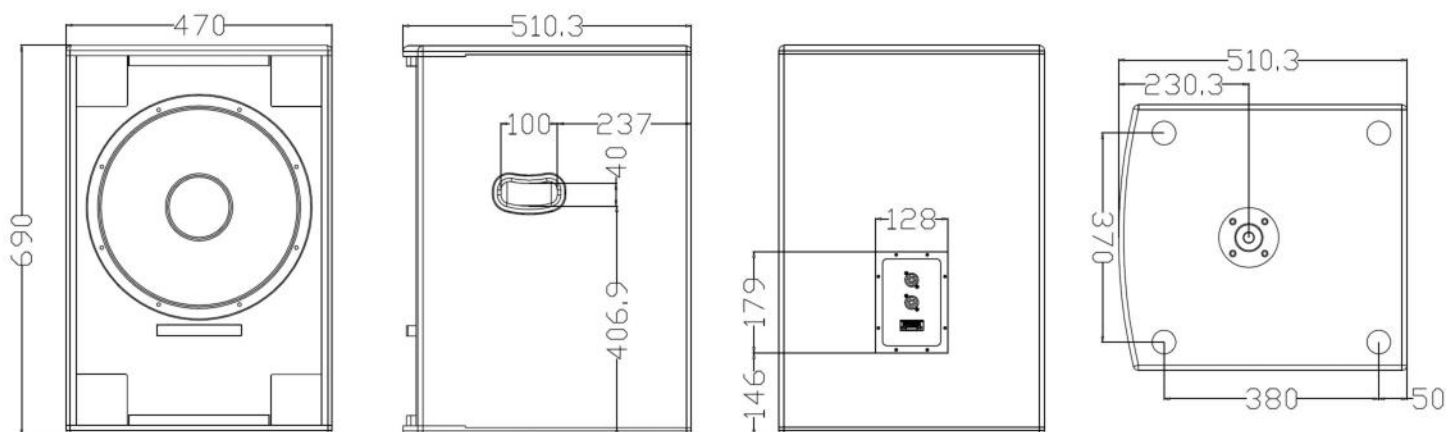
The CPL 15B⁺ enclosure is built from prime-grade 18 mm plywood that offers sturdy mechanical and low resonant electro-acoustic characteristics together with a heavy-duty steel grille backed with acoustic foam to ensure maximum protection of the internal components.

Features

- **Passive subwoofer**
- **Premium 15" woofer, 4" voice coil**
- **Continuous power handling: 500 Watts**
- **Nominal impedance: 8 Ohms**
- **Connectors: 2 x 4-pin Twist-Lock & 4-pin Euroblock**
- **2+1/2- Loop Through**
- **M20 threaded pole mount fitting**
- **Ergonomic handles on each side**
- **18 mm Plywood construction**
- **Textured polyurea paint**
- **Available in Black and White**

Configuration:	Subwoofer	Black Finish:	Textured Polyurea Paint
Power Continuous (Watts):	500	RAL #:	TBA
Power Peak (Watts):	2,000	White Finish:	Textured Polyurea Paint
Sensitivity (1W/1m):	98 dB	RAL #:	TBA
Max SPL Peak:	131 dB	Rubber Feet:	Yes
LF Driver:	1 x Crest Audio CPL15100A - 15" (381 mm)	Handles:	Yes (1 x Left & 1 x Right)
Woofer Voice Coil:	4" (100 mm)	Loop Thru (2+/2-):	Yes
Frequency Range (-10 dB):	36 Hz - 360 Hz	Logo Position on Grille:	Center
Frequency Response (±3 dB):	TBA Hz - TBA kHz	Logo Size:	25 x 25 mm
Nominal Impedance:	8 Ohms	Grille Foam Backing:	Yes (acoustically transparent)
Input Connectors 1:	2 x 4-pin Twist-Lock (NL4 Style)	Grille Mesh Size (mm):	3 x 12
Input Connectors 2:	1 x 4-pin Euroblock	Net Weight:	78.4 lbs (35.56 kg)
Pole Mount:	Yes (M20)	Dimensions (HWD):	26.38 x 18.50 x 20.08 in (690 x 470 x 510 mm)
Enclosure Material:	Plywood (18 mm)		

Dimensions



Architect's & Engineer's Specifications

The loudspeaker shall be a passive subwoofer. Its transducer shall be a 15 inch (381 mm) low frequency driver with 4 inch (100 mm) voice coil in a bass reflex enclosure.

Performance specifications of a typical production unit shall be: Measured sensitivity SPL at 1 m (3.3ft) with 2.83V input, shall be 98 dB-SPL. Usable frequency response shall extend from 36 Hz to 360 Hz (10 dB below rated sensitivity, in half-space, with no external equalization). Nominal impedance shall be 8 ohms. Rated power capacity shall be at least 500 Watts continuous power and 2,000 Watts peak power, defined as 3 dB above a test signal of filtered random noise.

The enclosure shall be constructed from prime-grade 18 mm plywood. The grille shall be of heavy-duty steel backed with acoustically transparent foam. The enclosure shall be fitted with a M20 threaded pole-mount plate, and handles on each side. The external wiring shall be via either two 4-pin Twist-Lock or one 4-pin Euroblock connectors. The loudspeaker shall be no more than 26.38 inches (690 mm) high by 18.50 inches (470 mm) wide by 20.08 inches (510 mm) deep weighing no more than 78.4 pounds (35.56 kg). The finish shall be a paintable lightly textured black or white.

The loudspeaker shall be the Crest Audio CPL™ 15B⁺.