

CPL™ + Series

CPL™ 15B⁺ - Passive Subwoofer

CREST
AUDIO®



Description

The Crest Audio CPL 15B⁺ is a passive subwoofer designed to extend the performance of the CPL+ series loudspeaker systems down to 37 Hz. It is the ideal add on for music playback, public address and live performance reinforcement applications.

The CPL 15B⁺ can be utilized 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 a powerful low end is required.

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

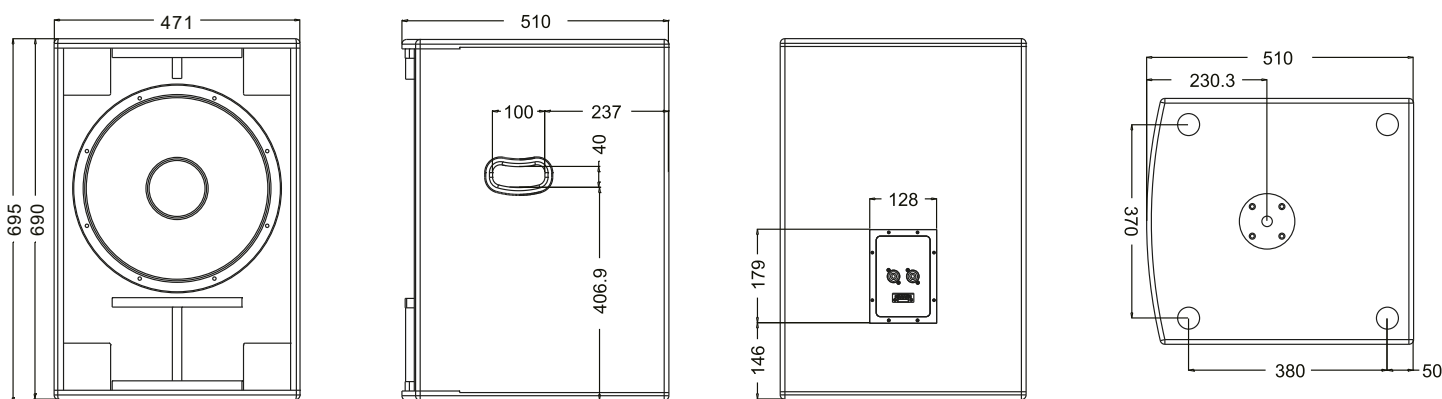
The CPL 15B⁺ enclosure is built from prime-grade 18 mm plywood that offers sturdy mechanical and low resonant electro-acoustic characteristics together with a heavy-duty steel grille backed with acoustic foam to ensure maximum protection of the internal components. The loudspeaker is equipped with a M20 threaded pole mount fitting. Available in durable black and white finish.

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+/- 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 #:	9004 Signal Black (Pantone: Black 6)
Power Peak (Watts):	2,000	White Finish:	Textured Polyurea Paint
Sensitivity (1W/1m):	95 dB	RAL #:	9003 Signal White (Pantone: 705)
Max SPL Peak:	128 dB	Rubber Feet:	Yes
LF Driver:	1 x 15" (381 mm) - Crest Audio CPL15100A	Handles:	Yes (1 x Left & 1 x Right)
Woofer Voice Coil:	4" (100 mm)	Loop Thru (2+/2-):	Yes
Frequency Range (-10 dB):	37 Hz - 2 kHz	Logo Position on Grille:	Center
Frequency Response (±3 dB):	49 Hz - 2 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 (NL-4 style)	Grille Mesh Size (mm):	3 x 12
Input Connectors 2:	1 x 4-pin Euroblock	Net Weight:	78.2 lbs (35.9 kg)
Pole Mount:	Yes (M20)	Dimensions (HWD):	27.38" x 18.56" x 20.08" (695 x 471 x 510 mm)
Enclosure Material:	0.7" (18 mm) Plywood		

Dimensions



Architect's & Engineer's Specifications

The loudspeaker shall be a passive subwoofer. Its transducers 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 95 dB-SPL. Usable frequency response shall extend from 37 Hz to 2 kHz (10 dB below rated sensitivity, in full-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 6 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. Four low-profile rubber feet shall be provided on the bottom for stage or floor use. The external wiring shall be via either two 4-pin twist-lock or one 4-pin Euroblock connectors. The loudspeaker shall be 27.38 inches (695 mm) high by 18.56 inches (471 mm) wide by 20.08 inches (510 mm) deep weighing 79.2 pounds (35.9 kg). The finish shall be a paintable lightly textured black or white.

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