

CPL⁺™ Series

CPL™ 265B⁺ - Passive Subwoofer



PRELIMINARY



Description

The Crest Audio® CPL™ 265B⁺ is an ultra-compact passive subwoofer designed to extend the performance of the CPL series loudspeaker systems down to 45 Hz. It is the ideal add on for music playback, public address and live performance reinforcement applications.

The CPL 265B⁺ 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 265B⁺ is equipped with two premium 6.5 inch woofers having a 1.2 inch voice coil. Impedance of the loudspeaker is 4 Ω. Connectivity is made via either two looping 4-pin twist-lock or one 4-pin Euroblock connectors.

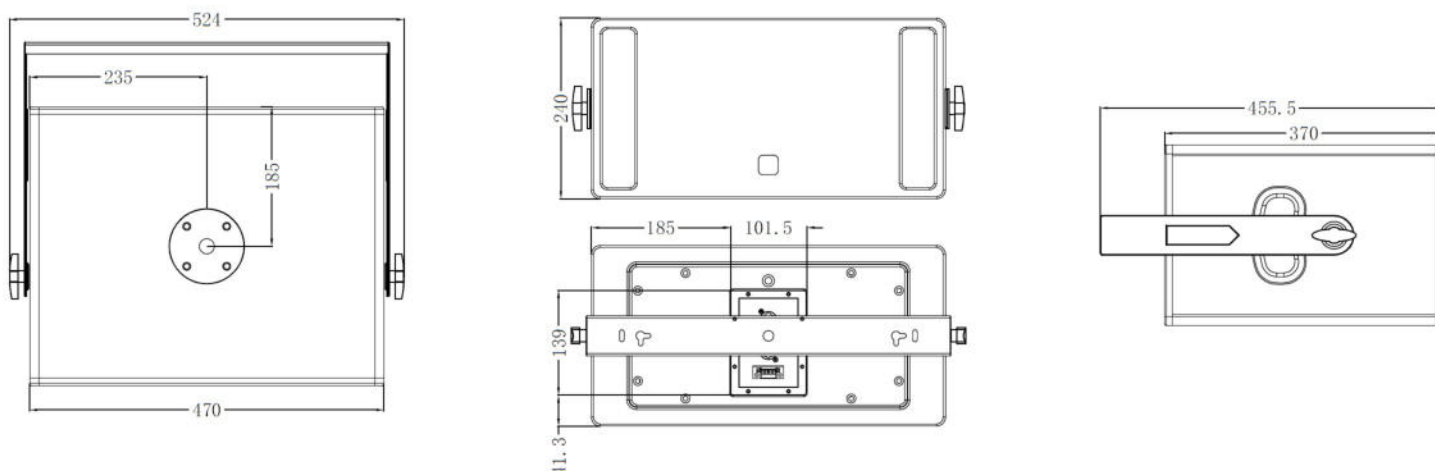
The CPL 265B⁺ enclosure is built from prime-grade 15 mm plywood that offers sturdy mechanical and low resonant electro-acoustic characteristics together with a heavy-duty steel grille backed with acoustic foam to ensure maximum protection of the internal components.

Features

- **Ultra-compact passive subwoofer**
- **Two premium 6.5" woofers, 1.2" voice coil**
- **Continuous power handling: 100 Watts**
- **Nominal impedance: 4 Ohms**
- **Connectors: 2 x 4-pin Twist-Lock & 4-pin Euroblock**
- **2+1/2- Loop Through**
- **M20 threaded pole mount fitting**
- **U-Bracket included**
- **Ergonomic handle on one side**
- **15 mm Plywood construction**
- **Textured polyurea paint**
- **Available in Black and White**

Configuration:	Subwoofer	U-Bracket:	Included
Power Continuous (Watts):	100	Black Finish:	Textured Polyurea Paint
Power Peak (Watts):	400	RAL #:	TBA
Sensitivity (1W/1m):	93 dB	White Finish:	Textured Polyurea Paint
Max SPL Peak:	119 dB	RAL #:	TBA
LF Driver:	2 x Crest Audio CPL16505 - 6.5" (165 mm)	Rubber Feet:	Yes (not mounted)
Woofer Voice Coil:	1.2" (30 mm)	Handles:	Yes (1 x Right)
Frequency Range (-10 dB):	45 Hz - 200 Hz	Loop Thru (2+/-):	Yes
Frequency Response (±3 dB):	TBA Hz - TBA kHz	Logo Position on Grille:	Bottom Center
Nominal Impedance:	4 Ohms	Logo Size:	25 x 25 mm
Input Connectors 1:	2 x 4-pin Twist-Lock (NL4 Style)	Grille Foam Backing:	Yes (acoustically transparent)
Input Connectors 2:	1 x 4-pin Euroblock	Grille Mesh Size (mm):	3 x 12
Pole Mount:	Yes (M20)	Net Weight:	25.31 lbs (11.48 kg)
Enclosure Material:	Plywood (15 mm)	Dimensions (HWD):	9.45 x 18.50 x 14.57 in (240 x 470 x 370 mm)

Dimensions



Architect's & Engineer's Specifications

The loudspeaker shall be an ultra-compact passive subwoofer. Its transducers shall be two 6.5 inch (165 mm) low frequency drivers with 1.2 inch (30 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 93 dB-SPL. Usable frequency response shall extend from 45 Hz to 200 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 100 Watts continuous power and 400 Watts peak power, defined as 3 dB above a test signal of filtered random noise.

The enclosure shall be constructed from prime-grade 15 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 a handle on one 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 9.45 inches (240 mm) high by 18.50 inches (470 mm) wide by 14.57 inches (370 mm) deep weighing no more than 25.31 pounds (11.48 kg). The finish shall be a paintable lightly textured black or white.

The ultra-compact loudspeaker shall be the Crest Audio CPL™ 265B⁺.