



## CPL™ 12 Loudspeaker System

Product  
Specifications




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Features and specifications subject to change without notice.

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 Logo referenced in Directive 2002/96/EC Annex IV  
(OJ(L)37/38, 13.02.03 and defined in EN 50419: 2005  
The bar is the symbol for marking of new waste and  
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13 August 2005

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## SPECIFICATIONS

### Crest Audio® CPL™ 12

The new CPL two-way enclosure series features high power ratings with custom components, a sleek look and a unique, snap-in metal grille. The CPL 12 is a two-way system featuring tweeter protection, 1.4" diaphragm horn-loaded tweeter, and one high-performance 12" woofer. It is rated at 350 Watts continuous and 700 Watts peak. This lightweight speaker system is ideal for smaller venues where space is at a premium. Connections include a NL-4 four-pin jack, and a screw terminal barrier strip. The CPL Series is available in black.

#### \*Features

- Two-way sound reinforcement enclosure
- Designed for permanent installations
- Premium 12" woofer
- 1.4" diaphragm horn-loaded tweeter
- Tweeter protection included
- Available in black
- Continuous power: 350 W  
Peak power: 700 W peak power handling
- 53 Hz-16 kHz
- 96 dB at 1W/1m
- 8 Ohms
- NL4 4-pin twist-lock jack: 2-Position screw terminal block
- Stand Mount Adaptor
- Handle on top of rear panel
- Four feet for stage use

#### Specification:

- Type: Two-way passive crossover speaker system  
Continuous power: 350W  
Peak power: 700W
- Impedance: 8 OHMS
- Sensitivity (1W@1m): 96 dB
- Maximum sound pressure level (1 meter): 122 dB @350W (125 dB @700W Peak)
- Frequency response, 1 meter on-axis, swept-sine in anechoic environment:  
53 Hz—16 kHz, -10 dB
- Nominal coverage pattern (-6 dB): 90° H×60° V
- Transducer complement: 1 x 1.4" (34mm VC) diaphragm, 1" exit  
1 x 12" woofer (75.5mm VC)
- Input connections: NL4 4-pin jack × 1 PIN 1+ = (+) POSITIVE, PIN 1- = (-) NEGATIVE  
PIN 2+ and PIN 2-, NC  
2-Position screw terminal block
- Material: 15mm (0.6") plywood
- Surface treatment: Black textured polyester paint
- Dimensions: H 619mm x W 368 mm x D 390 mm  
H 24.38" x W 14.49" x D 15.35"  
(Note: height is with feet included)
- Packing size: H 685mm x W 440mm x D 460mm  
H 26.97" x W 17.32" x D 18.11"
- Net Weight: 19.9kg (44 lbs.)

#### Flying or Mounting the CPL Enclosure

**⚠ CAUTION:** Before attempting to suspend this speaker, consult with a certified structural engineer. Speaker can fall from improper suspension, resulting in serious injury and property damage. Do not suspend or mount any other product or device from this enclosure! Use only the correct mating hardware. All associated rigging is the responsibility of others. Maximum enclosure angle 30 degrees.

Whenever possible, in addition to the nominal primary mounting method, use a suitable safety chain or wire rope attached to one of the other groups of fly point inserts, and firmly attached to a suitable structural member as indicated by a certified structural engineer.

We recommend the use of Tread-locker at the insert point bolts, so the bolts cannot vibrate loose. Never transport the cabinet using the array bracket or other mounting brackets as a structural member, while the cabinet is mounted on an array bracket or other mounting bracket and unsupported otherwise, as this may unduly stress the mounting inserts.

This Crest Audio® loudspeaker should be suspended overhead only in accordance with the procedures and limitations specified in the User's Manual and possible manual update notices. This system should be suspended with certified rigging hardware by an authorized rigging professional and in compliance with local, provincial or national suspension ordinances.

#### INSTALLATION

**⚠** Twelve M8 1.25 mm per thread threaded mounting suspension points (3 each top & bottom, 2 each both sides, and rear) are provided. These are plugged with a hex key beveled head bolt.

The twelve mounting suspension points are for use with forged shoulder machinery eyebolts and should be an M8 size, 1.25 mm per thread, and must conform to at least DIN 580 or ASTM A489, or whatever local, provincial or national suspension ordinances or regulations may additionally require. Eyebolts must be used in groups of 3 or 4, never use just one or two eyebolts to hang the speaker overhead.

