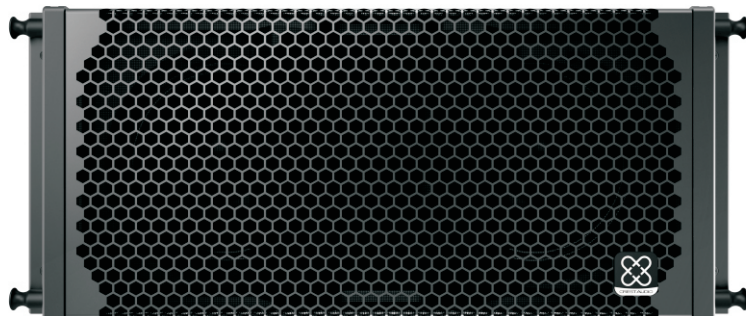


# **CPL™210**

## **Line array speaker system**

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Operating  
Manual



## **CPL™ 210** **Line array speaker system**

Crest Audio CPL210 line array system is a combination of two 10-inch woofers and a 3-inch neodymium magnet tweeter with a highly flexible rigging system.

CPL210 line array and the CPL118 subwoofer can form a very versatile small and medium-sized system for large lecture halls, banquet halls and outdoor touring venues.

### **FEATURES:**

- 2-way passive cine array module
- 2x10" woofer
- 1200 watt program, 2400 watt peak power handling
- 110° H by 10° V coverage pattern (per one cabinet)
- Easy aiming angle adjustment rigging system
- Angle adjustable in 1 degree increments from 0 to 10 degrees, total angle between adjacent cabinets
- Inputs are two Neutrik Speakon 4-pin jacks in parallel
- 15mm birch plywood construction

### **SPECIFICATIONS**

#### **Frequency response, 1meter on-axis, swept-sine in anechoic environment:**

70Hz to 18kHz (-6dB, with processing)

#### **Sound pressure level, 1watt, 1meter in anechoic environment:**

LF Axial Sensitivity: 99dB

HF Axial Sensitivity: 111dB

#### **Maximum sound pressure level (1meter):**

LF Max Calculated SPL: 132dB

HF Max Calculated SPL: 137dB

#### **Power handling:**

600 W continuous

1200 W program

2400 W peak

Impedance: 8 Ohms

#### **Nominal Radiation Angle measured at -6dB point of polar response:**

110 degrees Horizontal by 10 degrees Vertical

(One module only, straight line array of more than 1 module narrows vertical dispersion accordingly)

#### **Transducer complement:**

##### **Low Frequency Section:**

2x10" Woofer, 65mm VC

Impedance: 8 Ohms

500 W continuous

1000 W program

2000 W peak

## High Frequency Section:

1x3" tweeter, 75mm VC

Impedance:8 Ohms

110 W continuous

220 W program

440 W peak

## Input Connections:

2x Neutrik® 4-pin Speakon Jack

## Enclosure Materials & finish:

15mm birch plywood finished in black painted finish, perforated steel grille finished in black powder coat paint.

## Dimensions (H x W x D):


292mm x 698mm x 447mm

## Net Weight:

26.5kg(58.3lbs)

## Flying/Rigging Information

### Mounting Information

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. Failure to follow proper rigging specifications listed in the manual may result in injury or death.

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.

CAUTION: ALWAYS USE SAFETY CHAIN.

We recommend the use of Thread-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.

INSPECT RIGGING ANNUALLY.

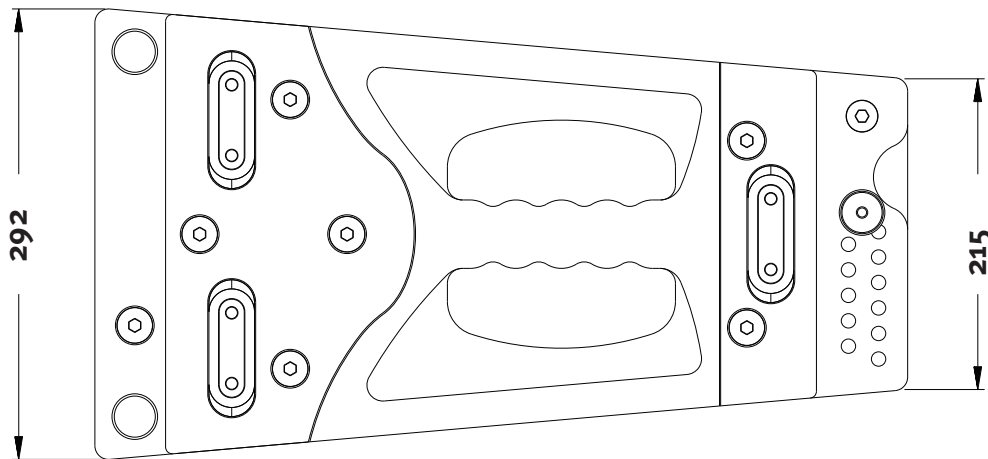
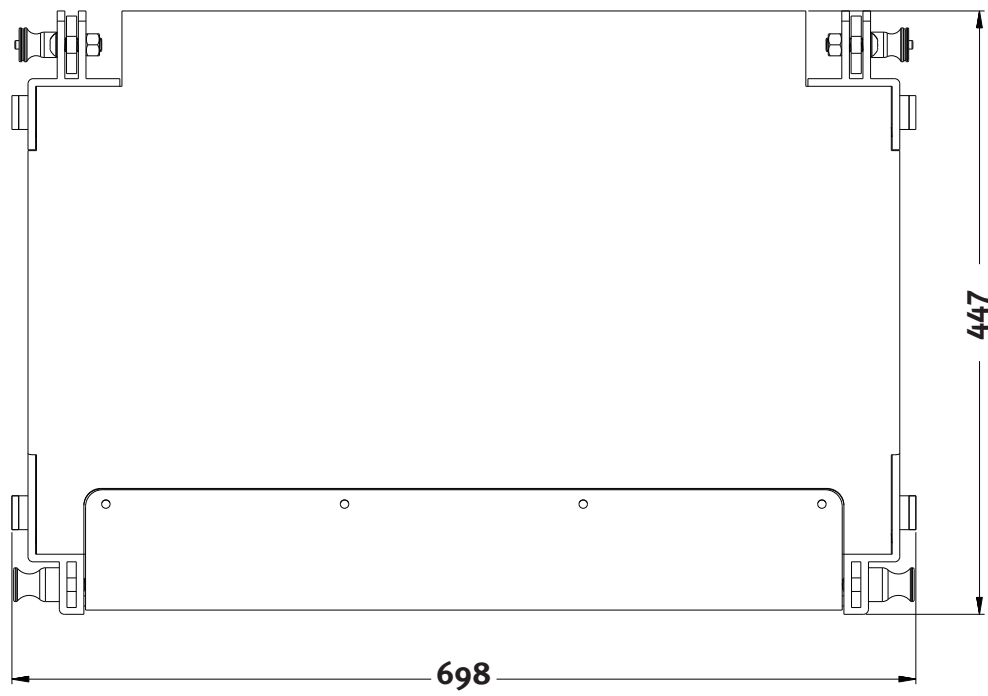
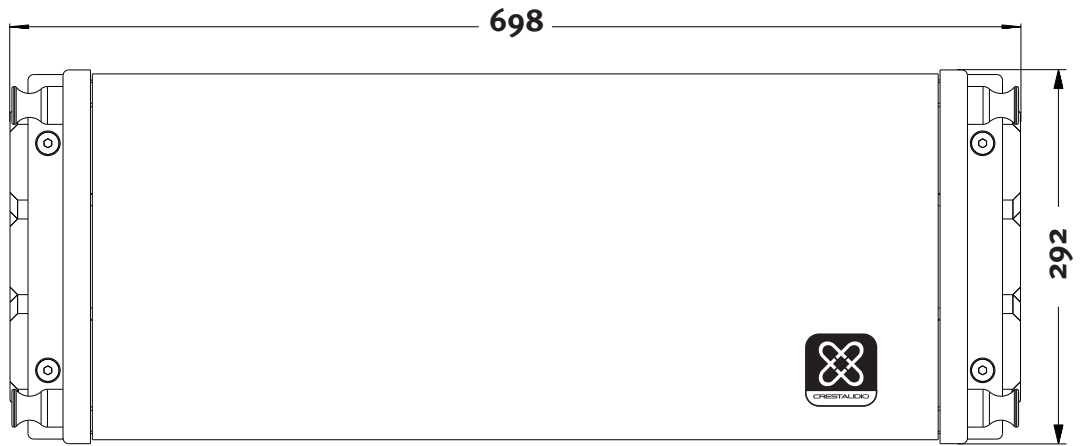
This peavey loudspeaker should be suspended overhead only in accordance with the procedures and limitations specified in the User's Manual and possible manual update notices. This system should be suspended with certified rigging hardware by an authorized rigging professional and in compliance with local,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

DO NOT OVER TORQUE HARDWARE.

ALWAYS USE PROPER GRADE HARDWARE.

**Dimensions:**

Unit:mm



# Input Cup



**CPL 210**  
DESIGNED IN U.S.A  
MADE IN CHINA

**CAUTION!**

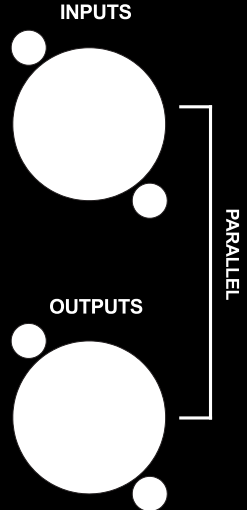
READ THE OPERATING INSTRUCTIONS CAREFULLY BEFORE USE!  
Observe the rigging information and instructions.  
Immediately replace damaged components.  
Ensure system is properly secured!  
Observe all safety regulations when handling the equipment.  
Keep safety distance to the equipment while in use. Excessive noise and acoustic pressure can cause long term health damage.

components:	1x3"2x10"
operation mode:	Bi-Amp
peak power:	LF/2000W/HF/440W
impedance:	8 ohms
SPL max:	LF/132dB/HF137dB
frequency range:	70Hz-18KHz
coverage(HxV):	110°x10°
weight:	26.5kg/58.3lbs

*HF Driver Waveguide  
Correction Technology*

**Use Only  
Neutrik®  
Brand Plug**

LOWS — 1+ LF+  
          — 1- LF-  
HIGHS — 2+ HF+  
          — 2- HF-



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Warranty registration and information for U.S. customers available online at  
[www.peaveycommercialaudio.com/warranty](http://www.peaveycommercialaudio.com/warranty)  
or use the QR tag below



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  
is applied only to equipment manufactured after  
13 August 2005