



CA112PRO

Line array speaker system

线阵扬声器系统



Product
Specifications
产品说明书

SPECIFICATIONS

Crest Audio® CA112PRO

The new CA two-way enclosure series features high power ratings with custom components, a sleek look and a unique, snap-in metal grille. The CA112PRO is a two-way system featuring tweeter protection, 3" neodymium tweeter, and one maximum-performance 12" woofer. It is rated at 520 Watts continuous and 2080 Watts peak. This speaker system is ideal for smaller venues where space is at a premium. Connections include two NL4 four-pin jack. The CA Series is available in black.

*Features

- Two-way sound reinforcement enclosure
- Designed for permanent installations
- Premium 12" woofer
- 3" neodymium tweeter
- Continuous power: 520W
Peak power: 2080W

Specification:

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

LF: 53Hz to 4kHz (-10dB)

HF: 500Hz to 20kHz (-10dB)

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

LF Axial Sensitivity: 97dB

HF Axial Sensitivity: 113dB

Maximum sound pressure level (1meter):

LF Max Calculated SPL: 130dB

HF Max Calculated SPL: 139dB

Nominal coverage pattern(- 6dB):

20°H×60°V (-20°/+40°)

Transducer complement:

1 x 3" tweeter (75mm VC, 1.4" exit)

1 x 12" woofer (75mm VC)

Power handling:

Impedance: 8 Ohms

520 W continuous

1040 W program

2080 W peak

High Frequency Section:

Impedance: 8 Ohms

120 W continuous

240 W program

480 W peak

Low Frequency Section:

Impedance: 8 Ohms

400 W continuous

800 W program

1600 W peak

Input Connections:

2x 4-pin Speakon pin1+ = LF+ / pin1- = LF- / pin2+ = HF+ / pin2- = HF-

Enclosure Material:

25mm (1") +18mm (0.7") birch plywood

Surface Treatment:

Black textured polyurea paint

Dimensions (H x W x D):


660mm x 382mm x 480mm

Net Weight:

33.86kg(74.65lbs)

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.

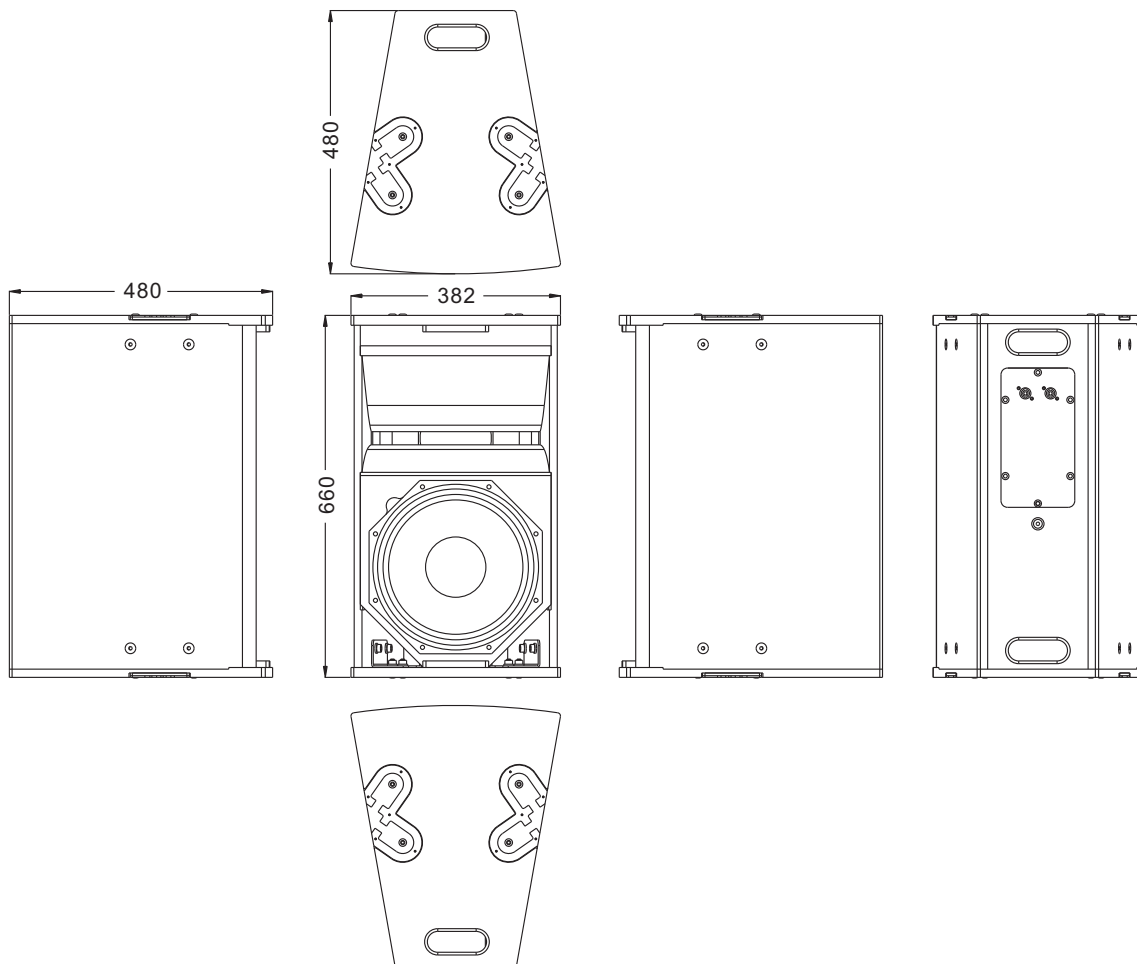
CAUTION: ALWAYS USE SAFETY CHAIN.

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 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 and national suspension ordinances or regulations.

DO NOT OVER TORQUE HARDWARE.

ALWAYS USE PROPER GRADE HARDWARE.



产品规格

Crest Audio® CA112PRO

全新的CA两分频系列扬声器具有高功率额定值，定制组件，时尚的外观和独特的嵌入式网罩。CA112PRO是两分频系统，具有高音单元保护，3"钹磁高音单元和12"高性能低音单元。额定功率为520W，峰值功率为2080W。此款扬声器系统非常适合空间有限的小型场所。输入连接包含两个NL4四芯插座。CA系列为黑色。

*特点

- 两分频扩声扬声器
- 固定安装
- 12"优质低音单元
- 3"钹磁高音单元
- 额定功率：520W
峰值功率：2080W

技术参数:

频率响应, 1米正轴无响室环境下正弦扫频:

低频: 53Hz-4kHz (-10dB)

高频: 500Hz-20kHz (-10dB)

声压级, 1W1米无响室环境:

低频轴向灵敏度: 97dB

高频轴向灵敏度: 113dB

最大声压级(1米):

低频最大计算声压级: 130dB

高频最大计算声压级: 139dB

标称指向性:

20°H × 60°V (-20°/+40°)

换能器配置:

1x3"高音 (75mm音圈, 1.4"喉口)

1x12"低音 (75mm音圈)

额定功率:

阻抗: 8 Ohms

520W 额定功率

1040W 音乐功率

2080W 峰值功率

高频部分:

阻抗: 8 Ohms

120W 额定功率

240W 音乐功率

480W 峰值功率

低频部分:

阻抗: 8 Ohms

400W 额定功率

800W 音乐功率

1600W 峰值功率

输入连接:

2x 4芯插头 pin1+ = LF+/pin1- = LF-/pin2+ = HF+/pin2- = HF-

箱体材质:

25mm (1") + 18mm (0.7") 桦木夹板

表面处理:

黑色聚脲漆

产品尺寸(HxWxD):

660mm x 382mm x 480mm

净重:

33.86kg (74.65 lbs)

吊挂信息 安装信息

注意: 在悬挂该扬声器之前, 请咨询经过认证的结构工程师。扬声器可能会因悬吊不当而掉落, 从而导致严重的人身伤害和财产损失。请勿在此扬声器上悬挂或安装任何其他产品或设备! 仅使用正确的配套吊件。所有相关的吊件都有其他人的责任。不遵循手册中列出的正确吊件规格可能会导致受伤或死亡。

在可能的情况下, 除了标准的安装方法外, 还应使用合适的安全链或钢丝绳连接到其他组的吊挂点上, 并按照认证的结构工程师的指示牢固地连接到合适的结构构件上。

注意: 始终使用安全链。

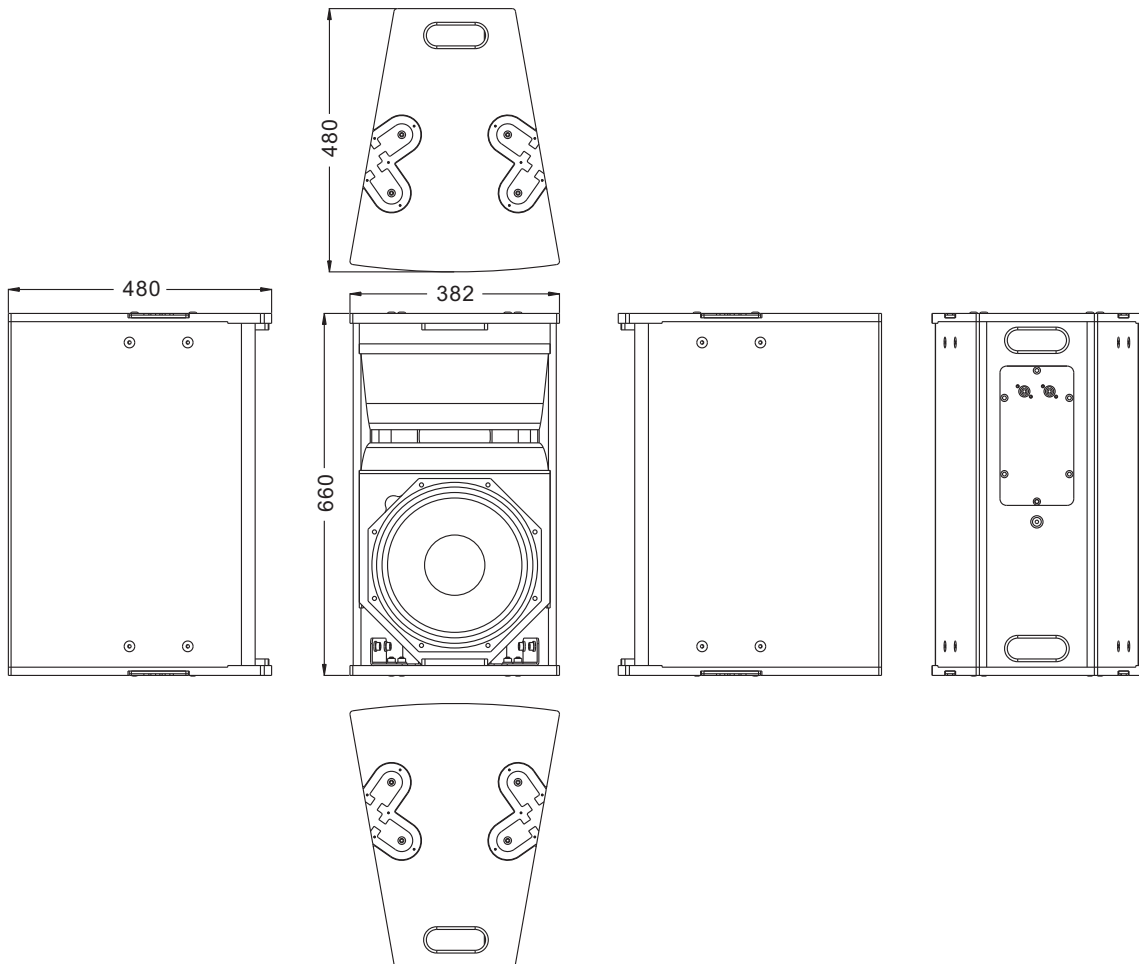
我们建议在插入的螺栓处使用螺纹胶, 以免螺栓松动。将音箱安装在陈列支架或其他安装支架上且没有其他支撑时, 切勿使用陈列支架或其他安装支架作为结构部件搬运音箱。因为可能会对安装插入件造成过度的压力。

每年检查吊件。

Crest Audio扬声器仅应按照用户手册及手册更新通知中规定的程序和限制悬挂在高空。扬声器应由经过授权的专业人员使用经过认证的吊件进行悬挂, 并符合当地、省和国家的悬挂条例或规定。

请勿过度扭转吊件。

始终使用适当等级的吊件。



Processor Setting:

CA112PRO processor settings

HF

GAIN:-4.8dB

Delay:0ms

High pass: BW-24dB/oct@1.66KHz

HF Polarity: Inverse

HF EQ

1: PEQ	1.52KHz	G=-5.5dB	Q=2.8
2: PEQ	2.64KHz	G=-5.2dB	Q=2.8
3: PEQ	4.19KHz	G=-5dB	Q=3.4
4: PEQ	7.82KHz	G=-1.2dB	Q=2.0

LF

GAIN: 0dB

Delay: 0.583ms

Low pass: LK-24dB/oct@1.41KHz

LF Polarity: Normal

LF EQ

1: PEQ	477.4KHz	G=-1.8dB	Q=3.6
2: PEQ	933Hz	G=-1.3dB	Q=4.0



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Warranty registration and information for U.S. customers available online at
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