

# CS-04 R/V

Ceiling Installation,  
Coaxial Speaker

ENNE



## Applications

- Ball Room
- Hotel
- School
- Theater Fill
- Public Broadcast
- Transportation

## Description

Features of using wide angle design, high power, wide frequency response and high fidelity sound let ENNE CS-04 R/V series ceiling speakers become ideal choices for the places which need ceiling installation speakers and command for high sound quality. Outstanding performances ensure high sound quality and provide pleasant sounds in the audio-visual area, with excellent performances for background / foreground sound reinforcement system.

CS-04 is equipped with best audio frequency transformer and almost never be saturated. It can be mounted at the 70V or 100V constant voltage transmission lines and get the Hi-Fi effect. 16 ohms impedance power can be used to connect multipoint parallel installations then there is no need to purchase expensive constant voltage amplifier when without using transformer.

The white grille can be customized with any colors, which can be suited with any Indoor-Decoration style. Iron net, use polypropylene coated woofer and seamless extension of butyl rubber paper basin edge, can protect the drivers to avoid any distortion.

The polycarbonate tweeter diaphragm is reinforced with a thin film of titanium for added rigidity and endurance. Nickel / zinc rust - resistant terminals make the input connection be sureness.

## Key Feature

- Professional & compact ceiling speaker for professional conference room.
- Extremely smooth frequency response, providing excellent performances for background / foreground sound reinforcement system.
- With 140° - wide coverage angle.
- 16 ohms impedance used for connecting multipoint parallel installations, also used for connecting 70V or 100V constant voltage transmission lines.
- Overload protection crossover network.
- 100mm (4.0") Polypropylene coated waterproof woofer, 20 mm (¾") titanium coated horn - loaded tweeter.
- Perfectly suitable for professional office areas / airports / hotels and speciality stores etc.

## Specifications

Frequency Range (-10 dB)<sup>1</sup>: 80 Hz - 25 kHz

Sensitivity (1w @ 1m)<sup>2</sup>: 88 dB

Nominal Impedance: 16 Ohms

Maximum SPL: 104 dB continuous  
(110 dB SPL peak)

Power Rating<sup>3</sup>: 40W / 80W / 160W  
(Continuous<sup>4</sup> / Program / Peak)

Directivity Factor(Q): 4.8, avg. 500 Hz - 4 kHz

Directivity Factor(DI): 6.2dB, avg. 500 Hz - 4 kHz

Coverage Pattern<sup>5</sup>: 140° Conical Cover

Transformer Gear: 70V: 30W, 15W, 7.5W, 3.7W  
4 Gears

100V: 30W, 15W, 7.5W  
3 Gears

Security Certificate: Transformer up to UL1876  
standard

LF Driver: 1 x 4" Woofer

HF Driver: 1 x 0.75" Titanium tweeter

Dimension (H x D): 192 mm x 206 mm

Hole Size: 173 mm

Net Weight: 2.3 Kg (V) / 1.9 Kg (R)

Enclosure Construction: Synthetic Steel / Styrene  
Copolymer

1. In full-space.

2. Continuous pink noise power refers to the IEC rules with 6 dB peak factor of pink noise signal loads for 100 hours.

3. Whole-space (on wall) averaged from 100 Hz to 10 kHz.

4. Continuous Pink Noise Power rating is IEC-shaped pink noise with a 6 dB crest factor for 100 hours continuously.

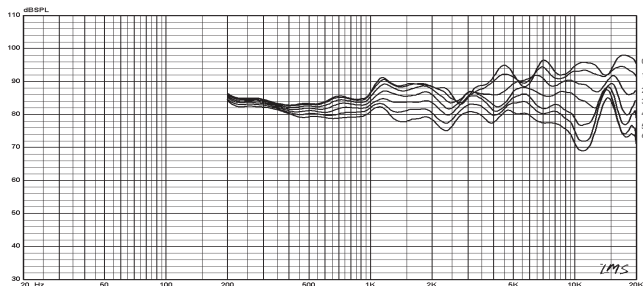
Peak Power rating is IEC-shaped pink noise with a 6 dB crest factor for 2 hours.

5. 500Hz to 4kHz.

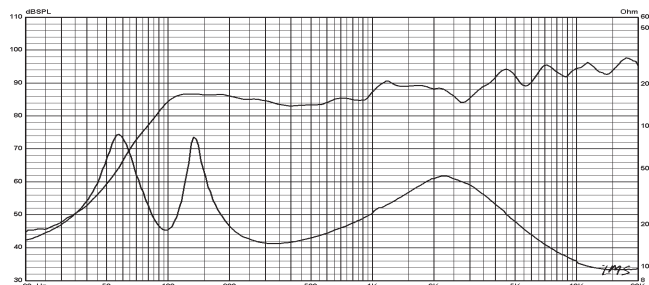
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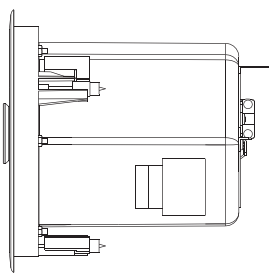
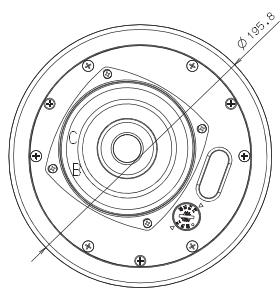
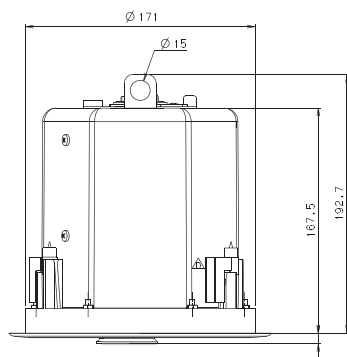
## Off-Axis Frequency Response



## Frequency/Impedance Response



## Dimension



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