



Overview

This is a compact two-way ceiling speaker. A 6.5-inch injection-molded composite basin woofer and a rotatable 1-inch spherical diaphragm tweeter are installed in the cavity formed by galvanized steel. The perfect combination has long been the crystal clear sound of the CS series.

Features

- 6.5" full-range ceiling speaker
- Built-in design of frequency division.
- Wide, flat frequency response and low distortion.
- Coaxial design, the high-pitched part can be turned at will.
- Metal back tube, in line with fire protection requirements
- The installation is simple and stable, with a full set of installation accessories built-in
- Multi-tap transformer, can operate in constant resistance, 70V or 100V constant voltage system, and can shift a variety of power capacity.

Applications

- Office
 - Meeting room
- Hotel
 - Resort
- Diner
- Conference Center
 - Department store
- Clubhouse
- School
 - Theme park
- Museum
 - Exhibition Hall
- Airports, stations, terminals
- Church



Description

In order to meet the frequency response requirements of different applications, all CS series speakers adopt a two-way design to achieve full-frequency replay. According to the size of the resonant cavity of the cabinet, the requirements for frequency response and power, Enewave engineers redesigned the woofer. The long-stroke design effectively reduces the distortion of power, the high-strength composite PP vibrating cone not only ensures sufficient strength, but also has the ability to be waterproof. The tweeter uses a mature technology silk dome tweeter. The speaker has a built-in passive crossover network, the sound is distinct, the treble is clear and delicate, and the low frequency is strong and powerful.

CS-6C is a full-range ceiling loudspeaker composed of a 6.5" cone-shaped low-frequency unit and a rotatable 1-inch spherical diaphragm tweeter. It built-in a passive crossover network which can be driven by a single channel of power amplifier. The back can body adopts rust-proof galvanized steel plate integrated molding technology, which is small in size. High-quality high-power speaker unit, even in a small can, can also have a strong sound pressure output and clear tone expression. The sensitivity is 89dB, and the maximum output reaches 111dB. In addition to the working mode with 8 ohm constant resistance, it can also work in a constant voltage mode of 70V or 100V. You only need to rotate the function selection knob on the surface of the speaker to complete the selection of not the same power and different working modes. Each CS-6C is individually packaged in a packaging box which can improve the safety of transportation.



SPECIFICATIONS **CS-6C**

Physical Parameters

Components	6.5" injection molding compound basin woofer 1" silk spherical diaphragm rotatable tweeter
Cabinet principle	Passive 2 ways full-range with internal crossover and C.V. transformer
Driven mode	Driven from external power amplifier
Appearance	Recessed ceiling with Galvanized steel sheet, integrally formed back can
Grille	Magnetic absorption thin edge anti-rust punching cover
Connector	Barrier stripe
Dimension	257mm diameter 220mm height 122mm installation hole diameter
Weight	3.45kg

Nominal Parameters

Frequency responsible	52Hz-20KHz (± 3 dB) 45Hz-22KHz (-10dB)
Sensitivity (@1Watt/1m)	89
Nominal impedance	8 Ω /70V/100V
Power capacity (AES)	Continue 70W Program 140W Peak 280W
Transformer tap power	40-30-20-10-5W @ 70V 40-30-20-10W @ 100V
Maximum SPL (1m/calculated)	111dB
Vertical dispersion angle (-6dB)	110°
Horizontal dispersion angle (-6dB)	110°

Dimension and diagram

Unit : mm

