

CELLO SERIES CC 8

Compact Design, Massive Impact: Loudspeakers that Deliver

The Cello CC 8 is a two-way, passively crossed-over coaxial loudspeaker using a common magnetic structure with an integrated 8" (200 mm) LF and a 1" (25 mm) exit HF. This compact cabinet can be used with or without a sub-woofer, depending on the application. An ideal point source with the LF and HF mounted on the same axis, eliminates off-axis variations. Optimizing and improving audio field, its high-quality, transparent sound allows customers to enjoy a powerful, clear and natural sound system.

It is best used for loud background or foreground music. CC 8 is a winner when it comes to A/V applications and corporate meetings. Combined with any of the Contrabass subs, Cello CC 8 is ideal for small, high energy lounge with low ceiling height. As a stand-alone loudspeaker, it has varied applications, and it can be incorporated as in-fill loudspeaker in a distributed sound system.

The specialized and phase-optimized crossover network ensures minimum loss and maximum clarity. With a 90 degree conical dispersion, the enclosure can be used in vertical (portrait) orientation.

KEY FEATURES

- Coaxial, ultra-compact, passive two-way system
- Elegant birch ply enclosure
- Vertical and horizontal mounting options
- Perforated steel grill
- Discreet mounting accessories
- Available in black & white colours
- Mounting at the top and behind the cabinet & top hat

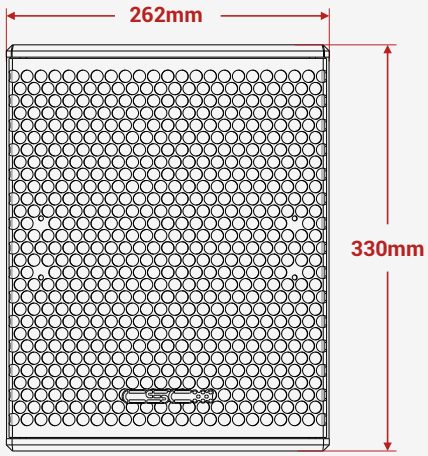
SYSTEM APPLICATIONS

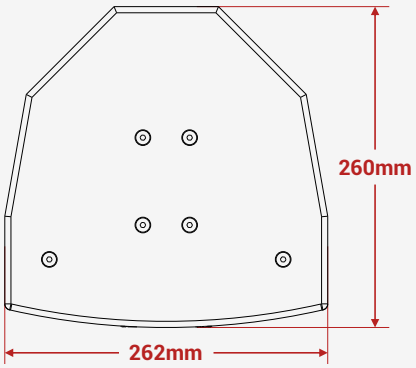
- Lounges
- All types of A/V spaces
- Convention centres
- Leisure and gaming centres
- Places of worship
- Gyms and spas

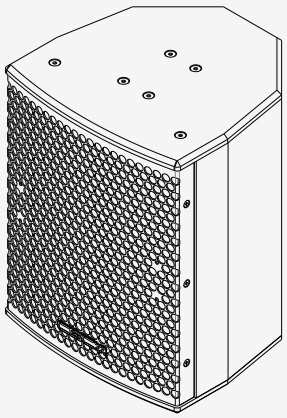
CREATIVE SOUND CONCEPTS

MODEL NO	CC 8
Type	Compact two way coaxial mid high
Frequency Response	75 Hz-18.5 kHz ± 3 dB
Drivers	LF: 8" (200 mm) with a 2.5" (65 mm) voice coil, HF: 1" (25 mm) compression driver with a 1" (25 mm) voice coil
Recommended Amplifier Upto	500 watts
Sensitivity (1 W / 1 m)	94 dB
Maximum SPL (9)	117 dB continuous, 123 dB Max
Nominal Impedance	8 ohms
Dispersion	90° conical
Crossover	HPF 65 Hz full range / 100 Hz with sub
Enclosure	Baltic birch ply
Finish	Non-toxic Textured black/ white paint
Protective Grill	Perforated steel
Connectors	2 x Neutrik NL4
Pin Connections	Input: ± 1, Link through: ± 2
Standard Colours	Black / White
Fittings	Rear / Top standard mounting points, Top hat
Horn	NA
AES Power Handling	250 watts / 15 watts
Maximum/ Continuous/ Program Power	500 watts / 30 watts
Peak Power	1000 watts / 60 watts
Accessories	Wall / ceiling mount bracket, Extension pipe
Dimensions - Product (in mm)	(W) 262 x (H) 330 x (D) 260
Dimensions - Including packing (in mm)	(W) 330 x (H) 400 x (D) 325
Net Weight (kgs)	10
Shipping Weight (kgs)	12

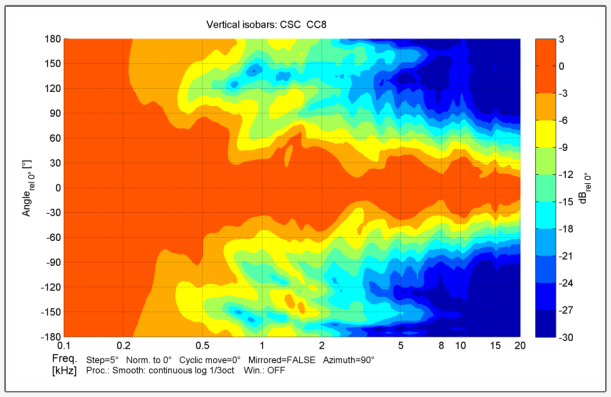
Mid highs measured on-axis in full space @ one watt/1-meter using band-limited pink noise in the en-devour to continuously improve the product with design refinements introduced into existing products. Any current CSC product may differ in some respect from its published description. However, this will always equal or exceed the original design specifications. Every CSC Product is built to the highest standards and tested to ensure that it meets the performance criteria specified.





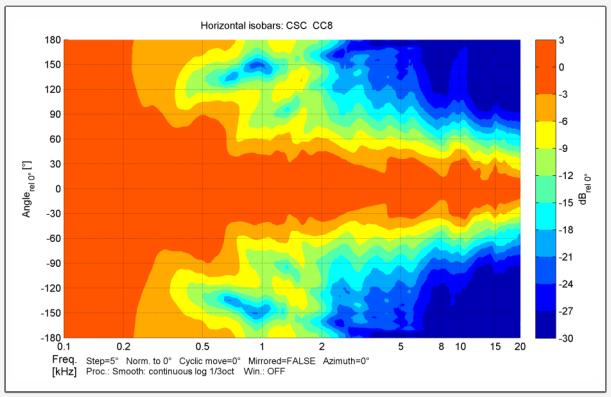


Vertical Polar Coverage (-6 dB)



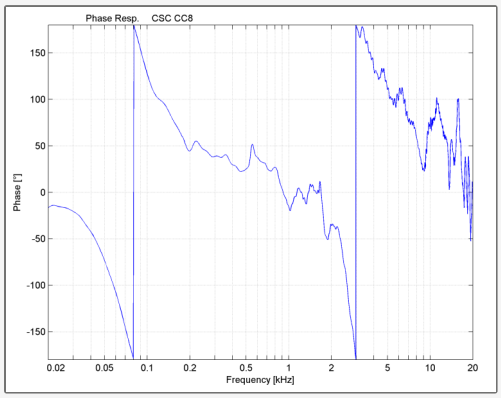
The CC8's compact coaxial design maintains balanced vertical dispersion of 90°across short-throw distances. Its consistent beam control ensures clear coverage in smaller venues or nearfield applications.

Horizontal Polar Coverage (-6 dB)



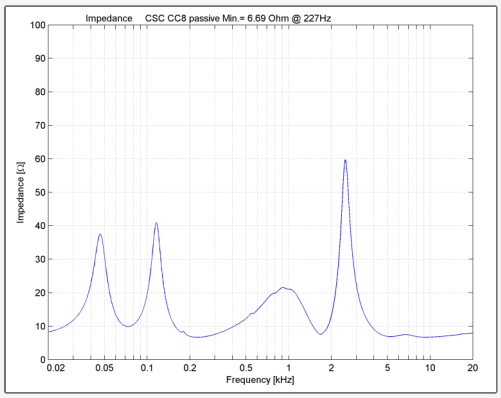
Stable 90° horizontal coverage makes CC8 ideal for distributed audio systems. Even dispersion minimizes overlaps in ceiling or wall-mount grid configurations.

Phase Response



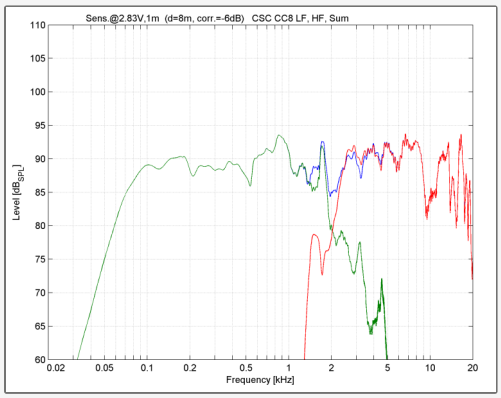
With minimal phase rotation through the vocal range, CC8 supports clear speech intelligibility and precise imaging in background music or paging systems.

Impedance Plot



Maintains nominal 8-ohm load with predictable impedance profile, simplifying amplifier matching and ensuring a stable installation.

Frequency Response (Crossover Split)



Offers full-range response from approximately 75 Hz to 18 kHz. Dedicated eq's will ensure a flat system.