

C4 Coaxial 4" fullrange loudspeaker

The C4 is a super compact and light weight 2-way high performance coaxial full-range loudspeaker employing an integrated high quality B&C Speakers 4" LF and 1" exit HF coaxial driver design that utilizes neodymium magnets. The constant directivity dispersion of 70° delivers an accurately defined coverage area. Sealed enclosure design for improved transient response, reduced distortion and group delay, enhancing low frequency precision and tightness. The C4 can also be operated in 2-Way Active mode. The C4 is designed to deliver high quality, high impact sound reinforcement for a wide variety of live music and A/V support applications. The C4 cabinet is made of high grade Baltic birch plywood with advanced bracings inside and has impact and weather resistant finish. The front of the loudspeaker cabinet is protected by a powder-coated laser cut aluminium grill backed by an acoustically transparent foam. Two NL4 connectors are mounted at the rear.

Specifications:

System	
System Type:	Passive, coaxial, two-way, sealed enclosure
Maximum SPL Output ¹ :	112 dB
Frequency Range (-10 dB):	100 Hz – 23 kHz
Frequency Response (-3 dB):	125 Hz – 20 kHz
System Sensitivity:	86 dB, 1W/1m
System Power Rating:	100 W AES, 400 W Peak
Nominal Impedance:	16 Ω
Operational Modes:	Passive / Bi-amp
Coverage Pattern:	70° conical
Crossover Frequency:	2 kHz
Transducers	
Low Frequency:	1 x 4" (100 mm) diameter, 34 mm (1.4 in) Voice Coil, Neodymium magnet
Input Power Rating	100 W AES, 400 W peak
Nominal Impedance:	16 Ω
High Frequency:	1 x 1" (25 mm) exit, 36 mm (1.4 in) Voice Coil, Neodymium magnet
Input Power Rating	25 W AES, 100 W peak
Nominal Impedance:	16 Ω
Enclosure	
Cabinet Construction:	Rectangular enclosure, 6.5mm Baltic Birch plywood with internal bracing, impact and weather protected finish
Grille:	Black powder-coated laser cut aluminium grill backed by an acoustically transparent foam
Fittings:	2 x M6 fixing points, aluminium bracket
Input Connectors:	2x Neutrik® Speakon NL-4 wired parallel. 1± LF transducer, 2± HF transducer in bi-amp mode, 1± / 2± selectable in passive mode
Dimensions (W x H x D):	111 mm x 111 mm x 118 mm
Net Weight:	1.5 kg
Optional Accessories:	Nylon bag

¹ Calculated maximum SPL based on rated peak power and sensitivity