



C10 Coaxial 10" fullrange loudspeaker

The C10 is a 2-way high performance coaxial full-range loudspeaker employing an integrated high quality B&C speakers 10" LF and 1.4" exit HF coaxial driver design that utilizes neodymium magnets. The constant directivity dispersion of 70° delivers an accurately defined coverage area. The C10 can also be operated in 2-Way Active mode. The C10 is designed to deliver high quality, high impact sound reinforcement for a wide variety of live music and A/V support applications. The C10 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 HEX punched steel grill backed by acoustically transparent foam. One side panel incorporate one handle. Two NL4 connectors are mounted at the rear.

Specifications:

System

System Type:	Passive, coaxial, two-way, bass-reflex
Maximum SPL Output ¹ :	127 dB
Frequency Range (-10 dB):	65 Hz – 21 kHz
Frequency Response (-3 dB):	85 Hz – 18 kHz
System Sensitivity:	97 dB, 1W/1m
System Power Rating:	250 W AES, 1000 W Peak
Nominal Impedance:	8 Ω
Operational Modes:	Passive / Bi-amp
Coverage Pattern:	70° conical
Crossover Frequency:	1.2 kHz

Transducers

Low Frequency:	1 x 10" (250 mm) diameter, 64 mm (2.5 in) Voice Coil, Neodymium magnet
Input Power Rating	250 W AES, 1000 W peak
Nominal Impedance:	8 Ω
High Frequency:	1 x 1.4" (36 mm) exit, 64 mm (2.5 in) Voice Coil, Neodymium magnet
Input Power Rating	80 W AES, 320 W peak
Nominal Impedance:	8 Ω

Enclosure

Cabinet Construction:	Rectangular enclosure, 12mm Baltic Birch plywood with internal bracing, impact and weather protected finish, 1 handle
Grille:	Black powder-coated HEX punched steel grill backed by an acoustically transparent foam
Fittings:	2 x M6 fixing points, 1 x 35mm pole mount socket, 1 x bar handle
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):	285 mm x 285 mm x 285 mm
Net Weight:	9.8 kg
Optional Accessories:	Protective cover, Metal bracket

¹ Calculated maximum SPL based on rated peak power and sensitivity