

C-Series

C12

Compact, high power, passive two-way loudspeaker.

Similar to its smaller sibling, the C10, the C12 offers versatility in a compact and light weight enclosure. At just 15Kg this passive 2-way design packs an enormous punch for its size. Used as a wedge monitor its low, 30 degree, profile makes it inconspicuous on stage. The integrated 35mm stand adaptor and optional M8 mounting points make it a flexible PA speaker.

The high power coaxial 12" + 1" neodymium driver includes a separate horn for the HF section. With a 80 x 60 degree dispersion a performer can move around freely and still continue to have even coverage across the stage. The custom designed, internal passive crossover includes a phase alignment and EQ network. Which together with the coaxial driver ensures a seamless and phase coherent transition between the low and high frequency bands. Increasing coherency, intelligibility and gain before feedback.

Details such as the CNC machined handles, with integrated stand adaptor, ultra lightweight composite enclosure and small footprint make this a truly adaptable and multi-purpose speaker.



APPLICATIONS

High SPL stage monitors
Front of house for small to medium size touring
Medium size installations
Speech reinforcement
Music reinforcement with subwoofer

DRIVERS

LF: (1) x 12" neodymium magnet cone driver, reflex-tuned
HF: (1) x 1" compression driver, coaxial, high directivity waveguide

SPECIFICATIONS

Frequency Response (-6 dB): 85 Hz – 20 kHz
Horizontal Coverage (-6 dB): 80 degrees
Vertical Coverage (-6 dB): 60 degrees
Max SPL : 126/132 dB (free space)
Sensitivity, 1w/1m: 99 dB (free space)
Impedance: 8 ohms Crossover: 1.8 kHz passive
Power handling: 500 W cont, 2000 W peak
Recommended HP-filter: 65 Hz, 24 dB/octave

ENCLOSURE

Enclosure material: Bended birch plywood, textured black paint finish
Grille: Cold rolled steel grille, textured black paint finish
Connectors: (2) x NL4, +/-1: Input, +/-2: Linked
Dimensions: 585 mm x 430 mm x 295 mm
Weight: 15 kg

