

MARTIN AUDIO CDD12B - Nazidni zvučnik

Šifra: 14935
Kategorija proizvoda: Nazidni Zvučnici
Proizvođač: Martin Audio

Cena: 155.880,00 rsd

Applications

Live Music Clubs and Bars
Nightclubs
Bars and Restaurants
Museums and AV Spaces
Convention Centres
Hotels
Retail Outlets
Leisure Centres
Houses of Worship

The Coaxial Differential Dispersion technology employed in the CDD12 delivers more consistent audience coverage than systems with fixed $X^\circ \times Y^\circ$ coverage patterns — projecting relatively more output to the rear of the audience, while having wide horizontal coverage close-up. Its innovative CDD driver achieves 'point source' summation of the LF and HF sections — eliminating off-axis variations in frequency response associated with non-coaxial designs. Improving on conventional coaxial designs, which can suffer from high-frequency beaming, the driver features a static waveguide that merges seamlessly with the unique cone shape — maintaining the dispersion pattern out to very high frequencies.

The LF driver has a 2.5" (65mm) voice coil and efficient motor with an aluminium demodulating ring to minimise distortion, while the HF driver utilises a 1.75" (44mm) polyimide diaphragm and features a low-compression phase-plug to reduce non-linearity.

The visually-distinctive birch plywood enclosure can be used in either horizontal (landscape) or vertical (portrait) orientation, with rotation of the driver easily accomplished by removing the screw-free, protective grille. The curved shape of the CDD12 allows it to be surface-mounted close to a wall via an optional wall bracket or suspended from a ceiling by eyebolts or a horizontal yoke option.

Finished in black (RAL9005) or white (RAL9016) as standard, the CDD12 can be supplied in any RAL colour to order.

A full-range, passive two-way system, the CDD12 should be used with a compatible controller with appropriate limiter settings to provide system protection.

When used with the DX4.0 controller or an iKON amplifier, there now enhanced DSP and FIR based pre-sets to deliver the absolute maximum performance and fidelity while limiter settings protect the integrity of the system.

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Features

Compact, CDD™ passive two-way system
Coaxial Differential Dispersion™ technology
Elegant birch plywood enclosure
User-rotatable coaxial drive unit
Vertical and horizontal mounting options
Screw-free perforated steel grille
8Ω nominal impedance
Discreet mounting accessories
Integral inserts for eyebolt suspension
Black or white standard colour options

TYPE Compact, high-output, Coaxial Differential Dispersion passive two-way system
FREQUENCY RESPONSE (5) 62Hz-20kHz \pm 3dB, -10dB @ 50Hz
DRIVER LF: 12" (300mm)/2.5" (63.5mm) voice coil, long excursion, shared ferrite motor with HF
HF: 1" (25mm) exit/1.7" (44mm) voice coil, polyimide dome compression driver
RATED POWER (2) 300W AES, 1200W peak
SENSITIVITY (8) 97dB
MAXIMUM SPL (9) 122dB continuous, 128dB peak
NOMINAL IMPEDANCE 8 Ω
DISPERSION (-6DB) 110°-60° horizontal, 60° vertical (user-rotatable)
CROSSOVER 1.9kHz passive
ENCLOSURE 38 litre, birch plywood
FINISH Black or white textured paint
PROTECTIVE GRILLE Black or white perforated steel with scrim cloth backing
CONNECTORS Low profile 20A push-lock
PIN CONNECTIONS Left to right: Input+, Input -, Link -, Link+
FITTINGS 6 x M8 inserts for wall bracket
10 x M8 fly points
DIMENSIONS (W) 360mm x (H) 560mm x (D) 350mm
(W) 14.17ins x (H) 22.05ins x (D) 13.78ins
WEIGHT 19kg (41.89 lbs)