

MARTIN AUDIO CDD-LIVE15B - Aktivni zvučnik

Šifra: 11772

Kategorija proizvoda: Aktivne Zvučne Kutije

Proizvođač: Martin Audio

Cena: 500.280,00 rsd

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Martin Audio CDD-LIVE 15

The loudspeaker shall be a self-powered two-way system utilising Coaxial Differential Dispersion technology. Its transducers shall consist of a reflex-loaded 15" low frequency driver and a coaxially-mounted 1.4" exit high frequency compression driver loaded by a static waveguide that merges with moving waveguides added to the cone of the low frequency driver to define the HF horn geometry.

The coaxial driver shall be user-rotatable to enable vertical or horizontal operation as required by the application. Horizontal dispersion shall vary from 100° to 60° and vertical dispersion shall be 60°. The on-axis frequency response shall be 55Hz-20kHz +/- 3dB and the loudspeaker shall produce a maximum SPL of 132dB peak at 1 metre.

The loudspeaker shall incorporate a two-channel Class D amplifier module which shall deliver a total of 2500W peak output to the transducers and include onboard DSP and networking capabilities for remote control and monitoring. The loudspeaker shall be Dante™ enabled for Audio over IP. Its power supply shall employ Power Factor Correction and operate from 100-240V, 50-60Hz AC.

Audio connectors shall be male and female XLR type and the AC power connector shall be a Neutrik® Powercon True1. Network connectors shall be Neutrik® Ethercon RJ45 type.

The loudspeaker enclosure shall be constructed from multi-laminate plywood with a textured polyurea coating. The drivers shall be protected by a perforated steel grille with scrim cloth backing and the enclosure shall be fitted with a pole-mount socket and threaded inserts for mounting accessories.

An IP24 rating version with a rain cowl shall be available as a factory option.

Dimensions (W x H x D) shall be 427mm x 696mm x 422mm (16.8in x 27.4in x 16.6in). Weight shall be 37kg (81.4lbs).

The loudspeaker shall be the Martin Audio CDD-LIVE 15.

Features

High-power, self-powered two-way system

Onboard Class D amplification and DSP

Global mains operation with Power Factor Correction

Vertical and horizontal mounting options

IP24 rating option with rain cowl

Coaxial Differential Dispersion™ technology

Dante™ Digital Audio networking

User-rotatable CDD™ driver

Tour-grade, multi-angle plywood enclosure

Comprehensive mounting accessories

CONNECTORS	Female XLR input, male XLR link output, Dante Audio Neutrik® Ethercon
ANALOGUE INPUT IMPEDANCE	20 kΩ balanced to ground
MAXIMUM ANALOGUE INPUT LEVEL	24.6 Vpp (+21dBu), over voltage protected
INTERNAL PROCESSING	Multi-channel DSP, programmable via TCP/IP using VU-Net software PEQ/shelving filters Up to 48dB/Oct HPF Low latency HF FIR filters Up to 200ms input delay Pre-set selection via rear panel switch
NETWORK	
CONNECTORS	2xNeutrik® Ethercon
PROTOCOL	TCP/IP and UDP/IP
AMPLIFIER	
TYPE	2 channel switch-mode, class D, Bridged Tied Load + 1 channel switch-mode, class D
PEAK OUTPUT POWER	2500W total 2000W LF, 500W HF
AVERAGE EFFICIENCY	89%
COOLING	External convection cooled, with internal fan
MAXIMUM AMBIENT TEMPERATURE	40°C (104°F) for full output
POWER SUPPLY	
TYPE	Switch mode, fixed frequency with PFC
AC INPUT OPERATING RANGE	85 – 265V ~ AC, 50 - 60Hz
POWER FACTOR	> 0.98
NOMINAL POWER CONSUMPTION	160W
MAINS CONNECTOR	Neutrik® Powercon True1
MECHANICAL	
ENCLOSURE	Extensively braced multi-laminate plywood.
FINISH	Textured black PU coating.
PROTECTIVE GRILLE	HEX perforated mild steel with protective zinc plating and black powder coat finish. Backed with black grille cloth.
FITTINGS	Top hat for pole mounting 15 x M8 mounting points Two side pocket handles Optional weather protection cowl
IP RATING	IP24 factory option available
DIMENSIONS	(W) 427mm x (H) 696mm x (D) 422mm (W) 16.81in x (H) x 27.42in (D) 16.61in
WEIGHT	37kg (81.4lbs) excluding Transit cover
ACCESSORIES	Transit Cover Optional yoke and universal brackets