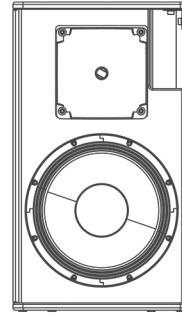




HFA112

ACTIVE FULL-RANGE SPEAKER



The HFA112 speaker is a 12" fully powered PA systems designed to deliver high output and dynamics, extreme linearity and fidelity for unrivalled performance. Entirely made in Portugal, the HFA112 uses superb quality custom made components, loaded within birch plywood enclosures, and coated by a scratch resistant textured paint to assure an outstanding performance. The heart of the HFA112 is a powerful, 2200Wrms, light weight, highly efficient Class D power amplifier module, with switch mode power supply, that delivers an impressive sonic punch with perfectly balanced, rich and transparent, sound at any volume. The integrated DSP with A/D-D/A low noise converters, provides 8 selectable Presets (six factory defined and two user defined) that can be accessed by an easy selector, located on the front module panel or real-time edited by a PC, using the supplied Soundware software, via USB remote control. This permits the user to easily customize the sound program, for various applications or different venues. An intelligent automatic standby mode is activated when the amplifier detects no input signal, saving energy and extending the expected work life

Product Type

Active High Power 2-Way Speaker

Frequency Response (-6dB)

55Hz - 19.000Hz

Low Frequency Extension (-10dB)

46Hz

Nominal Coverage (-6dB)

50-100° x 50° User Rotatable, Tailored Dispersion Technology

Frequency / Type of X-Over

2.2kHz, 24dB/oct Linkwitz-Riley

Amplifier Technology

2 channel switched mode class D with DSP

Amplifier Power

1650Wrms

LF Section Power

1100Wrms

HF Section Power

550Wrms

DSP Technology

Controlled Networkable DSP 24bit/48kHz

DSP Adjustable Parameters

6 PEQ, delay, HPF, LPF, Bass Enhancer, Level, Polarity, Mute

DSP Presets

6 Factory and 2 User, selectable via software or rear panel switch

Control Type

Via RS485 and supplied software "SOUNDWARE"

Maximum SPL (calculated)

127dB / 133dB (Full-Space)

Low Frequency Driver

1 x 12" (300mm) / 3" (76mm) VC, high excursion B&C custom speaker

High Frequency Driver

1 x 1" (25mm) exit / 1.7" (44mm) VC, B&C custom compression driver

Input Connectors

Signal: 2 x XLR ; Power: 2 x powerCON

Cooling Type

Convection/Temperature controlled fan

Power Input

180V - 245V

Mains Connector

Powercon (Input and Output)

Power Consumption

770W

Fittings

16 x M8 threaded inserts, 1 x 35mm pole mount socket

Handles

1 on each side

Grille

Black Perforated Steel

Construction

15mm multi-laminate birch ply

Finish

Semi-Matte Black Textured Coating

Dimensions (WxHxD)

365 x 635 x 378 mm

Net Weight

25kg

Shipping Weight

27kg