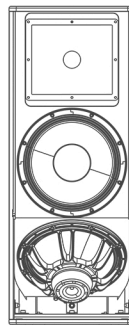




HFA212W

ACTIVE 2.5-WAY FULL-RANGE
SPEAKER



The HFA212w speaker is a 2x12" fully powered PA systems designed to deliver high output and dynamics, extreme linearity and fidelity for unrivalled performance. Entirely made in Portugal, the HFA212w 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 HFA212w 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. With the Soundware software it is possible to edit the six pre-loaded Presets and store it in one of the two free memories. Editable parameters are: input equalization, input delay, input High-pass/Low-pass filters and the "Bass Enhancer" function. A total of 255 units can be controlled simultaneously by the software.

Product Type

Active High Power 2.5-Way Wide Speaker

Frequency Response (-6dB)

45Hz - 18.000Hz

Nominal Coverage (-6dB)

80° x 60° User Rotatable

Amplifier Technology

3 channel switched mode class D with DSP

LF Section Power

RMS: 2 x 550W / Program: 2 x 740W / Peak:
2 x 1480W

HF Section Power

RMS: 550W / Program: 740W / Peak: 1480W

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 near panel switch

Control Type

Via RS485 and supplied software
"SOUNDWARE"

Maximum SPL (calculated)

130.5dB / 136.5dB (Full-Space)

Low Frequency Driver

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

High Frequency Driver

1 x 1.4" (36mm) exit / 2.5" (65mm) voice coil,
custom compression driver

Input Connectors

Signal: 2 x XLR ; Power: 2 x powerCON

Power Input

180V - 245VAC

Power Consumption

770W

Dimensions (WxHxD)

365 x 938 x 378 mm

Net Weight

33kg

Shipping Weight

35.7kg