

HFA212

Active 2.5-Way Full-Range Speaker



- Active high power 2.5-way loudspeaker
- 2 x 12" LF and LF-MF speakers, 1.4" HF driver
- 60° x 40° User Rotatable Tailored Dispersion Technology
- High efficiency 2200Wprg Class-D power amplifier
- Networkable DSP with control software

OVERVIEW

The HFA speaker series are fully powered PA systems (the HFA206 also have a passive version), designed to deliver high output and dynamics, extreme linearity and fidelity for unrivalled performance at a very competitive price.

Entirely manufactured in Portugal, the HFA speaker series uses superb quality custom made components, loading by birch plywood enclosures, coated by a scratch resistant textured paint to assure an outstanding performance and durability.

The integration with high efficiency DPAmplifier modules, with up to 1650 Wrms, and the advanced digital processing, set a new standard for distortion, noise and thermal efficiency. A surprisingly simple handling concept lets you plug in and play straightaway: Configure the system by selecting the right Preset and let the system do the rest. Of course, as in the other series, the Presets can be edited and stored in 2 USER memories.

To extend the low frequency response, the HFA full-range speakers can perfectly match with the HFA subwoofers, available in three models, 12", 15" and 18".

TECHNICAL SPECIFICATIONS

Technical Data	
Speaker Type:	Active High Power 2.5-Way Speaker
Acoustical Data	
Frequency Response (-6dB):	45Hz - 18.000Hz
Calculated Max. SPL (Cont/Peak):	130.5dB/136.5dB (Full-Space)
Coverage Angle -6dB (HxV):	60° x 40° User Rotatable
Drivers	
Low Frequency & Low/Mid Frequency:	2 x 12" (300mm)/3" (76mm) VC, B&C custom speaker
High Frequency:	1 x 1.4" (36mm) exit/2.5" (65mm) voice coil, B&C custom compression driver
Electrical Data	
Connectors:	Signal: 2 x XLR ; Power: 2 x powerCON
Amplifier Module	
Amplifier Technology:	3 channel switched mode class D with DSP
Section Power (RMS/Program/Peak) LF; LF-HF:	550W/740W/1480W; 550W/740W/1480W
Section Power (RMS/Program/Peak) HF:	550W/740W/1480W
Controller:	PC controlled Networkable DSP 24bit/48kHz
System Presets:	6 Factory and 2 User, selectable via software or rear panel switch
PC Control:	Via RS485 and supplied software "SOUNDWARE"
DSP Adjustable Parameters:	6 PEQ, Delay, HPF, LPF, Bass Enhancer, Level, Polarity, Mute
AC Operating Voltage:	180V - 245VAC
Nominal Power Consumption:	770W
Enclosure	
Dimensions (WxHxD):	365 x 938 x 378 mm
Net Weight:	33 kg
Shipping Weight:	35.7 kg