

# 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  |