

# HFA115

## Active 2-Way Full-Range Speaker



- Active high power 2-Way loudspeaker
- 15" LF speaker and 1.4" HF compression driver
- 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 DP Amplifier 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-Way Speaker                                        |
| Acoustical Data                  |                                                                        |
| Frequency Response (-6dB):       | 47Hz - 18.000Hz                                                        |
| Calculated Max. SPL (Cont/Peak): | 127.5dB/133.5dB (Full-Space)                                           |
| Coverage Angle -6dB (HxV):       | 50° to 100° x 50° User Rotatable, Tailored Dispersion Technology       |
| Drivers                          |                                                                        |
| Low Frequency:                   | 1 x 15" (300mm)/3.5" (88mm) VC, high excursion B&C custom speaker      |
| High Frequency:                  | 1 x 1.4" (36mm) exit/2.5" (65mm) voice coil, custom compression driver |
| Electrical Data                  |                                                                        |
| Connectors:                      | Signal: 2 x XLR ; Power: 2 x powerCON                                  |
| Amplifier Module                 |                                                                        |
| Amplifier Technology:            | 2 channel switched mode class D with DSP                               |
| Cooling:                         | Convection/Temperature controlled fan                                  |
| Average Efficiency:              | 85%                                                                    |
| Total Output Power:              | 1650Wrms                                                               |
| LF Section Output Power:         | 1100Wrms                                                               |
| HF Section Output Power:         | 550Wrms                                                                |
| Controller:                      | PC controlled Networkable DSP 24bit/48kHz                              |
| Digital Crossover:               | 2,2kHz, 24dB/oct Linkwitz-Riley alignment                              |
| 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 - 245V                                                            |
| Nominal Power Consumption:       | 770W                                                                   |
| Mains Connector:                 | Powercon (Input and Output)                                            |
| Enclosure                        |                                                                        |
| Construction:                    | 15mm multi-laminate birch ply                                          |
| Finish:                          | Textured black/white semi-matte coating                                |
| Protective grill:                | Black/white/red perforated steel                                       |
| Fittings:                        | 16 x M8 threaded inserts, 1 x 35mm pole mount socket                   |
| Handles:                         | 1 on each side                                                         |
| Dimensions (WxHxD):              | 437 x 703 x 430 mm                                                     |
| Net Weight:                      | 28 kg                                                                  |
| Shipping Weight:                 | 30.8 kg                                                                |