

# HFA206

## Active 2-Way Full-Range Vertical Array



- Powered 2-Way Vertical Array
- 2 x 6.5" LF speaker and 1" HF compression driver
- Rotatable, Constant Directivity HF horn
- Excelent directivity control
- Great voice clarity

### 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 Two-Way Vertical Array
Acoustical Data	
Frequency Response (-6dB):	80Hz - 19.000Hz
Calculated Max. SPL (Cont/Peak):	121dB/127dB (Full-Space)
Coverage Angle -6dB (HxV):	90° x 40° User Rotatable
Drivers	
Low Frequency:	2 x 6.5" (170mm)/1.5" (38mm) voice coil, custom speakers
High Frequency:	1 x 1" (25mm) exit/1.75" (44mm) voice coil, custom compression driver
Amplifier Module	
Amplifier Technology:	2 channel switched mode class AB with DSP
Section Power (RMS/Program/Peak) LF:	400W/540W/1080W
Section Power (RMS/Program/Peak) HF:	100W/135W/270W
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 suplied software "SOUNDWARE"
DSP Adjustable Parameters:	6 PEQ, delay, HPF, LPF, Bass Enhancer, Level, Polarity, Mute
AC Operating Voltage:	90V - 245V
Nominal Power Consumption:	550W
Mains Connector:	Signal: 2 x XLR ; Power: 2 x powerCON
Enclosure	
Dimensions (WxHxD):	219 x 625 x 259 mm
Net Weight:	15.7 kg
Shipping Weight:	16.9 kg