

# HFA112s

## 2-Channel Active Band-Pass Subwoofer



- 2-Channel Powered Subwoofer
- 12"/3.5" voice coil, long excursion, speaker
- High efficiency 2220W Class-D power amplifier
- Networkable DSP with control software
- 740W output to power external satellite

### OVERVIEW

Wherever audiences and operators demand the ultimate in sub bass performance, NEXT-proaudio HFA subwoofers deliver outstanding bass performance.

From classic vented direct radiating to cutting edge bandpass technology designs, these subwoofers were carefully engineered to get the maximum performance the loudspeaker driver can deliver on a very compact and lightweight enclosure.

Versatile enclosure designs, combined with a wide range of mounting options and associated hardware, provide unrestricted flexibility for both portable and installed applications.

To further simplify creating active 2-Way systems the HFA112S use an integrated 2-channel digital power amplifier for combination with full-range passive speakers, for example with the HFA206P.

### TECHNICAL SPECIFICATIONS

Technical Data	
Speaker Type:	Active Band-Pass Subwoofer
Acoustical Data	
Frequency Response (-6dB):	40Hz - X-over
Low Frequency Extension (-10dB):	34HZ
Calculated Max. SPL (Cont/Peak):	130dB/136dB (Half-space)
Drivers	
Loudspeakers:	1 x 12" (300mm)/3.5" (88mm) VC, Neodymium, long excursion, B&C custom speaker
Amplifier Module	
Amplifier Technology:	2 channel switched mode class D with DSP
Cooling:	Convection/Temperature controlled fan
Average Efficiency:	85%
Total Output Power:	1650Wrms
Internal Subwoofer Output Power:	1100Wrms
External Satellite Output Power:	550Wrms/4
Controller:	PC controlled Networkable DSP 24bit/48kHz
Digital Crossover:	Defined by Preset or user adjustable by PC
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
Fittings:	1 x 35mm pole mount socket
Handles:	2 on the upper side edges (Black or red)
Dimensions (WxHxD):	349 x 512 x 550 mm
Net Weight:	25.2 kg
Shipping Weight:	27.4 kg