

# HFA SERIES

HIGH DEFINITION SPEAKERS

## OVERVIEW

The HFA series are fully powered system solution (the HFA106p is passive and the HFA206 also has a passive version), designed to deliver high output and dynamics, extreme linearity and fidelity for unrivalled performance.

The integration with high efficiency DPAmplifier modules, with up to 1650Wrms, 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.

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, HFA115s, use an integrated 2-channel digital amplifier to power external full-range passive speakers, for example the HFA106p, HFA206p or X-line.

On this series there are several color combinations available as standard, please choose your color!

Common to all the elements are: the Baltic birch plywood enclosures finished with a resistant black semi-matt textured paint for an extensive use and the heavy-duty power coated steel grilles.

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Passive 2-Way  
Full-Range Speaker



14 **HFA206**  
Active 2-Way Full-Range  
Vertical Array

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Passive 2-Way Full-Range  
Vertical Array



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Active 2-Way  
Full-Range Speaker



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Active 2-Way  
Full-Range Speaker



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Active 2-Way  
Full-Range Speaker



15 **HFA212**  
Active 2.5-Way  
Full-Range Speaker

**HFA212W**  
Active 2.5-Way Wide  
Full-Range Speaker



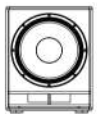
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16 **HFA112s**  
2-Channel Active  
Band-Pass Subwoofer

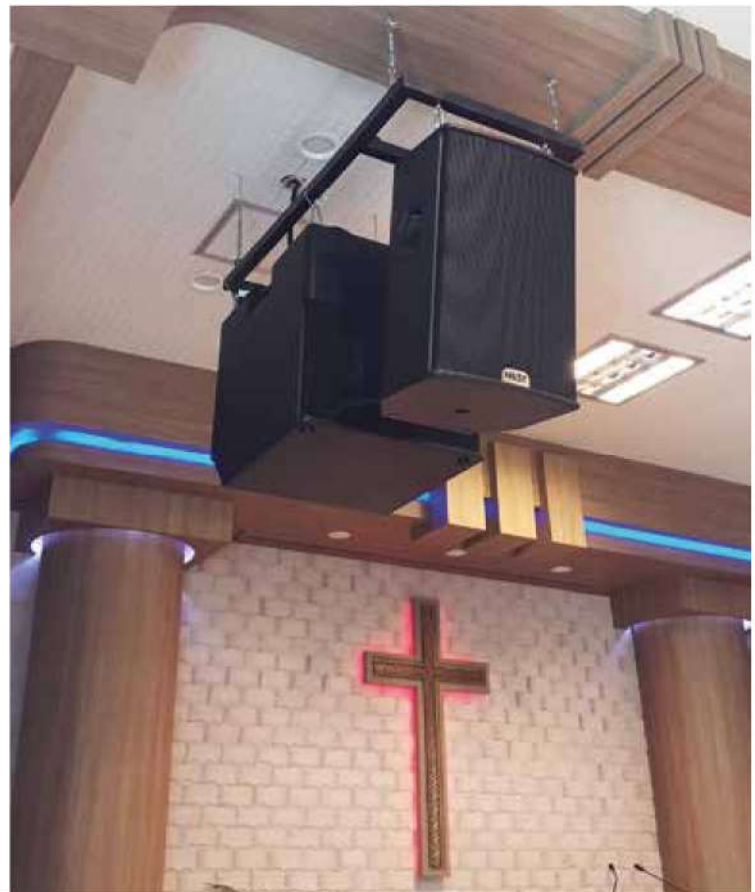


16 **HFA115s**  
2-Channel Active  
Reflex Subwoofer

16 **HFA115sHP**  
Active Reflex  
High Power Subwoofer



16 **HFA118sHP**  
Active Hybrid-Horn  
High Power Subwoofer



# HFA SERIES

HIGH DEFINITION SPEAKERS

## HFA106p

### Passive 2-Way Full-Range Speaker

- | Passive 2-Way Full-Range Speaker
- | 1 x 6.5" LF speaker and 1" HF compression driver
- | Rotatable, Constant Directivity HF horn
- | Excellent directivity control
- | Great voice clarity



## HFA106p

SPEAKER TYPE	Passive Two-way Speaker
FREQ. RESPONSE (-6dB)	82Hz - 18.000Hz
SENSITIVITY (1W@1m)	92dB (Full-Space)
Calculated Max. SPL (Continuous/Peak)	118dB/124dB (Full-Space)
COVERAGE (HxV)	90° x 40° User Rotatable
DRIVERS	LF: 1 x 6.5" (170mm)/1.5" (38mm) VC, custom speakers HF: 1 x 1" (25mm) exit/1.75" (44mm) VC, custom compression driver
RATED POWER	250W
NOMINAL IMPEDANCE	8Ω
AMPLIFIER TECHNOLOGY	-
SECTION POWER (RMS/Program/Peak)	-
CONTROLLER	-
SYSTEM PRESETS	-
PC CONTROL	-
DSP ADJUSTABLE PARAMETERS	-
AC OPERATING VOLTAGE	-
NOMINAL POWER CONSUMPTION	-
CONNECTORS	2 x Neutrik NL4
DIMENSIONS (WxHxD)	219 x 450 x 259mm (8.62 x 17.71 x 10.2in)
WEIGHT	12.7kg (28lb)

## HFA206

### Active 2-Way

### Full-Range Speaker

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



## HFA206

Active Two-Way Vertical Array	Passive Two-way Vertical Array
80Hz - 19.000Hz	80Hz - 18.000Hz
-	95dB (Full-Space)
121dB/127dB (Full-Space)	
90° x 40° User Rotatable	
LF: 2 x 6.5" (170mm)/1.5" (38mm) voice coil, custom speakers	
HF: 1 x 1" (25mm) exit/1.75" (44mm) voice coil, custom compression driver	
-	500W
-	4Ω
2 channel switched mode class D with DSP	
LF: 400W/540W/1080W	
HF: 100W/135W/270W	
PC controlled Networkable DSP 24bit/48kHz	
6 Factory and 2 User, selectable via software or rear panel switch	
Via RS485 and supplied software "SOUNDWARE"	
6 PEQ, delay, HPF, LPF, Bass Enhancer, Level, Polarity, Mute	
90V - 245VAC	
550W	
Signal: 2 x XLR ; Power: 2 x powerCON	2 x Neutrik NL4
219 x 625 x 259mm (8.62 x 24.61 x 10.2in)	
15.7kg (34.61lb)	14.4kg (31.75lb)

## HFA206p

### Passive 2-Way

### Full-Range Speaker

## HFA108

### Active 2-Way

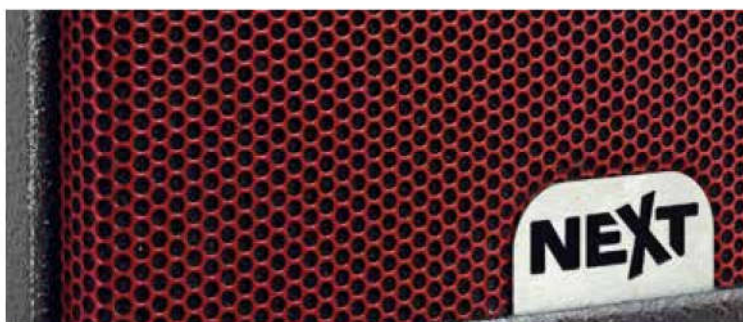
### Full-Range Speaker

- | Powered 2-Way loudspeaker
- | 8" LF speaker and 1" HF compression driver
- | Rotatable, constant directivity HF horn
- | High efficiency 500 W Class-D power amplifier
- | Networkable DSP with control software



## HFA108

Active Two-Way Speaker
68Hz - 19.000Hz
-
122dB/128dB (Full-Space)
90° x 60° user rotatable
LF: 1 x 8" (200mm)/2" (51mm) voice coil, B&C custom speaker
HF: 1 x 1" (25mm) exit/1.75" (44mm) voice coil, custom compression driver
-
-
2 channel switched mode class D with DSP
LF: 400W/540W/1080W
HF: 100W/135W/270W
PC controlled Networkable DSP 24bit/48kHz
6 Factory and 2 User, selectable via software or rear panel switch
Via RS485 and supplied software "SOUNDWARE"
6 PEQ, delay, HPF, LPF, Bass Enhancer, Level, Polarity, Mute
90V - 245VAC
550W
Signal: 2 x XLR ; Power: 2 x powerCON
244 x 451 x 288mm (9.61 x 17.76 x 11.34in)
11.9kg (26.24lb)



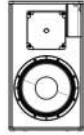
# HFA SERIES

HIGH DEFINITION SPEAKERS

## HFA112

### Active 2-Way Full-Range Speaker

- | Active high power 2-Way loudspeaker
- | 12" LF speaker and 1" HF compression driver
- | Rotatable, tailored dispersion technology
- | High efficiency 2220Wprg Class-D power amp
- | Networkable DSP with control software



HFA112

SPEAKER TYPE	Active High Power 2-Way Speaker
FREQ. RESPONSE (-6dB)	55Hz - 19.000Hz
Calculated Max. SPL (Continuous/Peak)	127dB/133dB (Full-Space)
COVERAGE (HxV)	50-100° x 50° User Rotatable, Tailored Dispersion Technology
DRIVERS	LF: 1 x 12" (300mm)/3" (76mm) VC, high excursion B&C custom speaker HF: 1 x 1" (25mm) exit/1.7" (44mm) VC, B&C custom compression driver
AMPLIFIER TECHNOLOGY	2 channel switched mode class D with DSP
SECTION POWER (RMS/Program/Peak)	LF: 1100W/1480W/2960W 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
CONNECTORS	Signal: 2 x XLR ; Power: 2 x powerCON
DIMENSIONS (WxHxD)	365 x 653 x 378mm (14.37 x 25.71 x 14.88in)
WEIGHT	25kg (55.12lb)

## 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 amp
- | Networkable DSP with control software



HFA115

SPEAKER TYPE	Active High Power 2-Way Speaker
FREQ. RESPONSE	47Hz - 18.000Hz
Calculated Max. SPL (Full-Space)	127.5dB/133.5dB (Full-Space)
COVERAGE	50° to 100° x 50° User Rotatable, Tailored Dispersion Technology
DRIVERS	LF: 1 x 15" (300mm)/3.5" (88mm) VC, high excursion B&C custom speaker HF: 1 x 1.4" (36mm) exit/2.5" (65mm) voice coil, custom compression driver
AMPLIFIER TECHNOLOGY	2 channel switched mode class D with DSP
SECTION POWER (RMS/Program/Peak)	LF: 1100W/1480W/2960W 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
CONNECTORS	Signal: 2 x XLR ; Power: 2 x powerCON
DIMENSIONS (WxHxD)	437 x 703 x 430mm (17.2 x 27.68 x 16.93in)
WEIGHT	28kg (61.73lb)

## HFA212[W]

### Active 2.5-Way [Wide] Full-Range Speaker

- | Active high power 2.5-way [wide] loudspeaker
- | 60° x 40° [80° x 60°] User Rotatable Tailored Disp.
- | High efficiency 2200Wprg Class-D power amp
- | 2 x 12" LF and LF-MF speakers, 1.4" HF driver
- | Networkable DSP with control software



HFA212[W]

SPEAKER TYPE	Active High Power 2.5-way [Wide] Speaker
FREQ. RESPONSE	45Hz - 18.000Hz
Calculated Max. SPL (Full-Space)	130.5dB/136.5dB (Full-Space)
COVERAGE	60° x 40° [80° x 60°] User Rotatable
DRIVERS	LF: 2 x 12" (300mm)/3" (76mm) VC, B&C custom speaker HF: 1 x 1.4" (36mm) exit/2.5" (65mm) voice coil, B&C custom compression driver
AMPLIFIER TECHNOLOGY	3 channel switched mode class D with DSP
SECTION POWER (RMS/Program/Peak)	LF: LF-MF: 550W/740W/1480W; 550W/740W/1480W 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
CONNECTORS	Signal: 2 x XLR ; Power: 2 x powerCON
DIMENSIONS (WxHxD)	365 x 938 x 378mm (14.37 x 36.93 x 14.88in)
WEIGHT	33kg (72.75lb)



# HFA SERIES

HIGH DEFINITION SPEAKERS

## 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 amp.
- | Networkable DSP with control software
- | 740Wprg output to power external satellite



### HFA112s

SPEAKER TYPE	Active Band-Pass Subwoofer
FREQ. RESPONSE (-6dB)	40Hz - X-over
Calculated Max. SPL (Continuous/Peak)	130dB/136dB (Half-space)
DRIVERS	1 x 12" (300mm)/3.5" (88mm) VC, Neodymium, long excursion, B&C custom speaker
AMPLIFIER TECHNOLOGY	2 channel switched mode class D with DSP
SECTION POWER (RMS/Program/Peak)	Subwoofer (internal): 1100W/1480/2960W Satellite (external): 550W/740W/1480W (4Ω)
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
CONNECTORS	Signal: 2 x XLR ; Power: 2 x powerCON ; Output to external satellite: 1 x NL4
DIMENSIONS (WxHxD)	349 x 512 x 550mm (13.74 x 20.16 x 21.65in)
WEIGHT	25.2kg (55.56lb)

## HFA115s[HP]

### Active Reflex Subwoofer

- | Flared Ports for Less Power Compression
- | 15"/4" voice coil, long excursion, speaker
- | High efficiency 2200Wprg Class-D power amp.
- | Networkable DSP with control software
- | Extremely compact design



### HFA115s[HP]

SPEAKER TYPE	Active Reflex Subwoofer
FREQ. RESPONSE (-6dB)	32Hz - X-over
Calculated Max. SPL (Continuous/Peak)	130.7dB/136.7dB [132dB/138dB] (Half-space)
DRIVERS	1 x 15" (380mm)/4" (100mm) VC, high excursion B&C custom speaker
AMPLIFIER TECHNOLOGY	2 channel switched mode class D with DSP
SECTION POWER (RMS/Program/Peak)	Subwoofer (internal): 1100W/1480/2960W [2200W/2960W/5920W] Satellite (external): 550W/740W/1480W (4Ω) [-]
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
CONNECTORS	Signal: 2 x XLR ; Power: 2 x powerCON ; Output to external satellite: 1 x NL4 (only on HFA115s)
DIMENSIONS (WxHxD)	448 x 556 x 511mm (17.6 x 21.89 x 20.11in)
WEIGHT	37.1kg (81.8lb)

## HFA118sHP

### Active Hybrid-Horn High Power Subwoofer

- | 2960Wprg Powered Subwoofer
- | 138.5dB maximum SPL
- | 18"/4" voice coil, long excursion, speaker
- | Superior bass impact thanks to horn design
- | Networkable DSP with control software



### HFA118sHP

SPEAKER TYPE	Active Hybrid-Horn Subwoofer
FREQ. RESPONSE (-6dB)	38Hz - X-over
Calculated Max. SPL (Continuous/Peak)	135dB/141dB (Half-space)
DRIVERS	1 x 18" (460mm)/4" (100mm) VC, high excursion B&C custom speaker
AMPLIFIER TECHNOLOGY	Switched mode class D with DSP
SECTION POWER (RMS/Program/Peak)	LF: 2200W/2960W/5920W -
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
CONNECTORS	Signal: 2 x XLR ; Power: 2 x powerCON
DIMENSIONS (WxHxD)	602 x 662 x 746mm (23.7 x 26.06 x 29.37in)
WEIGHT	57.4kg (126.55lb)

