

# PFA SERIES

MULTI-PURPOSE SPEAKERS

## OVERVIEW

NEXT-proaudio engineered the PFA line of self-powered and passive speakers, specifically for installations, musicians and DJs who want state-of-the-art acoustics and electronics at a limited budget.

This speaker's line employs fully rotatable constant directivity horns, to adjust HxV angle coverage and custom made speaker drivers.

A powered subwoofers (PFA18s) with satellite output was designed to simplify the process of creating active 2-Way systems.

Two other high-performance subwoofers were designed to match the most demanding venues. There are both active and passive versions, PFA18sHP and PFA18spHP respectively.

To further simplify creating active 2-Way systems the PFA18s uses an integrated 2-channel digital amplifier to power external full-range passive speakers, for example the PFA8p, PFA12p or PFA15p.

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

It has never been so easy to enjoy professional audio performance, entirely made in Europe, at such low price!

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Active Full-Range  
Speaker

21 **PFA8p**  
Passive Full-Range  
Speaker



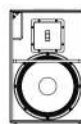
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Active Full-Range  
Speaker

21 **PFA12p**  
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Subwoofer

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Active Front-Loaded  
High Power Subwoofer

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Passive Front-Loaded  
High Power Subwoofer



# PFA SERIES

MULTI-PURPOSE SPEAKERS

## PFA8

Active

Full-Range Speaker

- | Active / Passive 2-Way Speaker
- | 8" LF speaker and 1" HF compression driver
- | User Rotatable, Constant Directivity HF horn
- | Wall Mounting Ready



## PFA8p

Passive

## PFA8p

## PFA12

Active

Full-Range Speaker

- | Active / Passive 2-Way Speaker/Monitor
- | 12" LF speaker and 1" HF compression driver
- | User Rotatable, Constant Directivity HF horn
- | 60 degrees monitor angle



## PFA12

## PFA12p

Passive

## PFA15

Active

Full-Range Speaker

- | Active / Passive Speaker/Monitor
- | 15" LF speaker and 1" HF compression driver
- | User Rotatable, Constant Directivity HF horn
- | 60 degrees monitor angle



## PFA15

## PFA15p

Passive

## PFA8

SPEAKER TYPE	Active Two-way Speaker	Passive Two-way Speaker
FREQUENCY RESPONSE (-6dB)	60Hz - 18.000Hz	60Hz - 18.000Hz
SENSITIVITY (1W@1m)	-	93.5dB (Full-Space)
Calc. Max. SPL (Continuous/Peak)	118dB/124dB (Full-Space)	118dB/124dB (Full-Space)
COVERAGE (HxV)	90° x 60° user rotatable	
DRIVERS	LF: 1 x 8" (210mm)/2" (50.5mm) Voice Coil, custom speaker HF: 1 x 1" (25mm)/1.75" (44mm) Voice Coil, compression driver	
RATED POWER	-	300W
IMPEDANCE	-	8Ω
AMPLIFIER TECHNOLOGY	2 channel switched mode class D with DSP	-
SECTION POWER (RMS/Program/Peak)	LF: 400W/540W/1080W 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 supplied software "SOUNDWARE"	-
DSP ADJUSTABLE PARAMETERS	6 PEQ, delay, HPF, LPF, Polarity, Bass Enhancer, Level, Mute	-
AC OPERATING VOLTAGE	90V - 245VAC	-
NOMINAL POWER CONSUMPTION	550W	-
CONNECTORS	Signal: 2 x XLR ; Power: 2 x powerCON	2 x Neutrik NL4
DIMENSIONS (WxHxD)	254 x 415 x 301mm (10 x 16.33 x 11.85in)	
WEIGHT	11.8kg (26lb)	10.2kg (22.5lb)

## PFA12

SPEAKER TYPE	Active Two-way Speaker/Monitor	Passive Two-way Speaker/Monitor
FREQUENCY RESPONSE (-6dB)	58Hz - 18.000Hz	58Hz - 18.000Hz
SENSITIVITY (1W@1m)	-	96dB (Full-Space)
Calc. Max. SPL (Continuous/Peak)	122dB/128dB (Full-Space)	123dB/129dB (Full-Space)
COVERAGE (HxV)	90° x 60° user rotatable	
DRIVERS	LF: 1 x 12" (300mm)/2.5" (65mm) Voice Coil, custom speaker HF: 1 x 1" (25mm) exit/1.75" (44mm) Voice Coil, custom compression driver	
RATED POWER	-	500W
IMPEDANCE	-	8Ω
AMPLIFIER TECHNOLOGY	2 channel switched mode class D with DSP	-
SECTION POWER (RMS/Program/Peak)	LF: 400W/540W/1080W 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 supplied software "SOUNDWARE"	-
DSP ADJUSTABLE PARAMETERS	6 PEQ, delay, HPF, LPF, Polarity, Bass Enhancer, Level, Mute	-
AC OPERATING VOLTAGE	90V - 245VAC	-
NOMINAL POWER CONSUMPTION	550W	-
CONNECTORS	Signal: 2 x XLR ; Power: 2 x powerCON	2 x Neutrik NL4
DIMENSIONS (WxHxD)	356 x 554 x 410mm (14.02 x 21.81 x 16.14in)	
WEIGHT	20.6kg (45.42lb)	19.6kg (43.21lb)

## PFA15

SPEAKER TYPE	Active Two-way Speaker/Monitor	Passive Two-way Speaker/Monitor
FREQUENCY RESPONSE (-6dB)	54Hz - 18.000Hz	54Hz - 18.000Hz
SENSITIVITY (1W@1m)	-	99dB (Full-Space)
Calc. Max. SPL (Continuous/Peak)	127dB/133dB (Full-Space)	
COVERAGE (HxV)	90° x 60° user rotatable	
DRIVERS	LF: 1 x 15" (380mm)/3" (76mm) Voice Coil, custom speaker HF: 1 x 1" (25mm) exit/1.75" (44mm) Voice Coil, custom compression driver	
RATED POWER	-	600W
IMPEDANCE	-	8Ω
AMPLIFIER TECHNOLOGY	2 channel switched mode class D with DSP	-
SECTION POWER (RMS/Program/Peak)	LF: 400W/540W/1080W 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 supplied software "SOUNDWARE"	-
DSP ADJUSTABLE PARAMETERS	6 PEQ, delay, HPF, LPF, Polarity, Bass Enhancer, Level, Mute	-
AC OPERATING VOLTAGE	90V - 245VAC	-
NOMINAL POWER CONSUMPTION	550W	-
CONNECTORS	Signal: 2 x XLR ; Power: 2 x powerCON	2 x Neutrik NL4
DIMENSIONS (WxHxD)	431 x 654 x 440mm (16.97 x 25.75 x 17.32in)	
WEIGHT	25.7kg (56.66lb)	24.5kg (54.01lb)



# PFA SERIES

MULTI-PURPOSE SPEAKERS

## PFA18s

### Active Front-Loaded Subwoofer

- | 2-Channel Powered Subwoofer
- | 18" /4" voice coil, long excursion, speaker
- | High efficiency 1650 W Class-D power amplifier
- | Networkable DSP with control software
- | 550W output to power external satellite



### PFA18s

SPEAKER TYPE	Active Reflex Subwoofer
FREQUENCY RESPONSE (-6dB)	38Hz - X-over
SENSITIVITY (1W@1m)	-
Calculated Max. SPL (Continuous/Peak)	133dB/139dB (Half-space)
DRIVERS	LF: 1 x 18" (450mm)/4" (100mm) VC long excursion, custom speaker
POWER (Program/Peak)	-
IMPEDANCE	-
AMPLIFIER TECHNOLOGY	2 channel switched mode class D with DSP
SECTION POWER (RMS/Program/Peak)	Subwoofer (internal): 1100W/1480W/2960W Satellite (external): 550W/740/1480W (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, Polarity, Bass Enhancer, Level, 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)	525 x 703 x 735mm (20.67 x 27.68 x 28.94in)
WEIGHT	47.1kg (103.84lb)

## PFA18sHP

### Active Front-Loaded High Power Subwoofer

- | 2960Wprg Powered Subwoofer
- | 18"/4" voice coil, long excursion, speaker
- | Large Port Areas for Low Distortion
- | Compatible with All PFA Series Speakers
- | Networkable DSP with control software



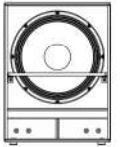
### PFA18sHP

SPEAKER TYPE	Active Reflex Subwoofer
FREQUENCY RESPONSE (-6dB)	36Hz - X-over
SENSITIVITY (1W@1m)	-
Calculated Max. SPL (Continuous/Peak)	136dB/142dB (Half-space)
DRIVERS	LF: 1 x 18" (450mm)/4" (100mm) VC, long excursion, B&C custom speaker
POWER (Program/Peak)	-
IMPEDANCE	-
AMPLIFIER TECHNOLOGY	Switched mode class D with DSP
SECTION POWER (RMS/Program/Peak)	Subwoofer: 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, Polarity, Bass Enhancer, Level, Mute
AC OPERATING VOLTAGE	180V - 245VAC
NOMINAL POWER CONSUMPTION	770W
CONNECTORS	Signal: 2 x XLR ; Power: 2 x powerCON ;
DIMENSIONS (WxHxD)	525 x 703 x 735mm (20.67 x 27.68 x 28.94in)
WEIGHT	47.9kg (105.6lb)

## PFA18spHP

### Passive Front-Loaded High Power Subwoofer

- | Bass Reflex Subwoofer
- | 18" Long Excursion Custom Speaker
- | Large Port Areas for Low Distortion
- | Compatible with All PFA Series Speakers
- | High Maximum SPL



### PFA18spHP

SPEAKER TYPE	Passive Reflex Subwoofer
FREQUENCY RESPONSE (-6dB)	36Hz - X-over
SENSITIVITY (1W@1m)	103dB (Half-space)
Calculated Max. SPL (Continuous/Peak)	136.8dB/142.8dB (Half-space)
DRIVERS	LF: 1 x 18" (450mm)/4" (100mm) VC, long excursion, B&C custom speaker
POWER (Program/Peak)	2400W/4800W (10ms)
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)	525 x 703 x 735mm (20.67 x 27.68 x 28.94in)
WEIGHT	44.8kg (98.8lb)

