

PFA12

Active Full-Range Speaker



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

OVERVIEW

NEXT-proaudio engineered the new PFA series of self-powered or passive speaker cabinets, specifically for installations, musicians and DJs who want state-of-the-art acoustics and electronics at a limited budget. This speaker line employs premium-quality multi-plywood with a hardening, durable, and scratch-resistant coating, fully rotatable constant directivity HF horns to adjust H x V angle coverage and custom made speaker drivers. Manufacturing takes place in Europe at our plant based in Rio Tinto, Portugal.

This series are made up of speakers and subwoofers that bind together forming the perfect combination. Several combinations of speakers and subwoofers can be done in order to satisfy your needs. The active speakers feature a variety of factory presets that allow you to use it like a plug n' play perfect solution for the venue.

TECHNICAL SPECIFICATIONS

Technical Data	
Speaker Type:	Active Two-Way Speaker/Monitor
Acoustical Data	
Frequency Response (-6dB):	58Hz - 18.000Hz
Calculated Max. SPL (Cont/Peak):	122dB/128dB (Full-Space)
Coverage Angle -6dB (HxV):	90° x 60° user rotatable
Drivers	
Low Frequency:	1 x 12" (300mm)/2.5" (65mm) voice coil, custom speaker
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 supplied 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):	356 x 554 x 410 mm
Net Weight:	20.6 kg
Shipping Weight:	22.8 kg