

Product Announcement

August 2013



www.wharfedalepro.com

Focus Series Point-source array system

Music to the masses!

With the Wharfedale Pro Focus point-source array system you now have a solution that provides not just exceptional quality sound but also a flexible cabinet and hardware configuration enabling you to meet the requirements of a wide variety of venues. Focus's easy adaptability make it perfect for portable rentals, touring and fixed stage.

Optimized acoustic engineering

The Focus family has 4 components to choose from - a 12" and 15" PA and a 18" and twin 18" subwoofer. Focus tops and subs are superbly engineered to work together seamlessly and provide maximum efficiency. The two-way PA speakers employ a High-Q 100° x 9° long-throw waveguide horn geometry to project the sound to the back of large listening areas. All this comes together to create a point-source array system!

Sonic Impact

At peak output a single Focus-15 can pump out 135db SPL; maximum power handling is rated at 2800 watts peak. Focus subs put out an equally impressive 146dB peak SPL of pounding bass with a maximum power handling capacity of 8000 watts peak. Need more? Just double up! The Focus V-Tech side-by-side driver placement maximizes mutual coupling and boundary-effect reinforcement to move massive amounts of air and push the beat to the soul of your audience.

Meets your needs

Focus hardware allows you to fly in a line-array configuration, fly independently and in pairs or stack PA's on top of subs. Focus adapts perfectly to whatever challenges your venue presents you with!



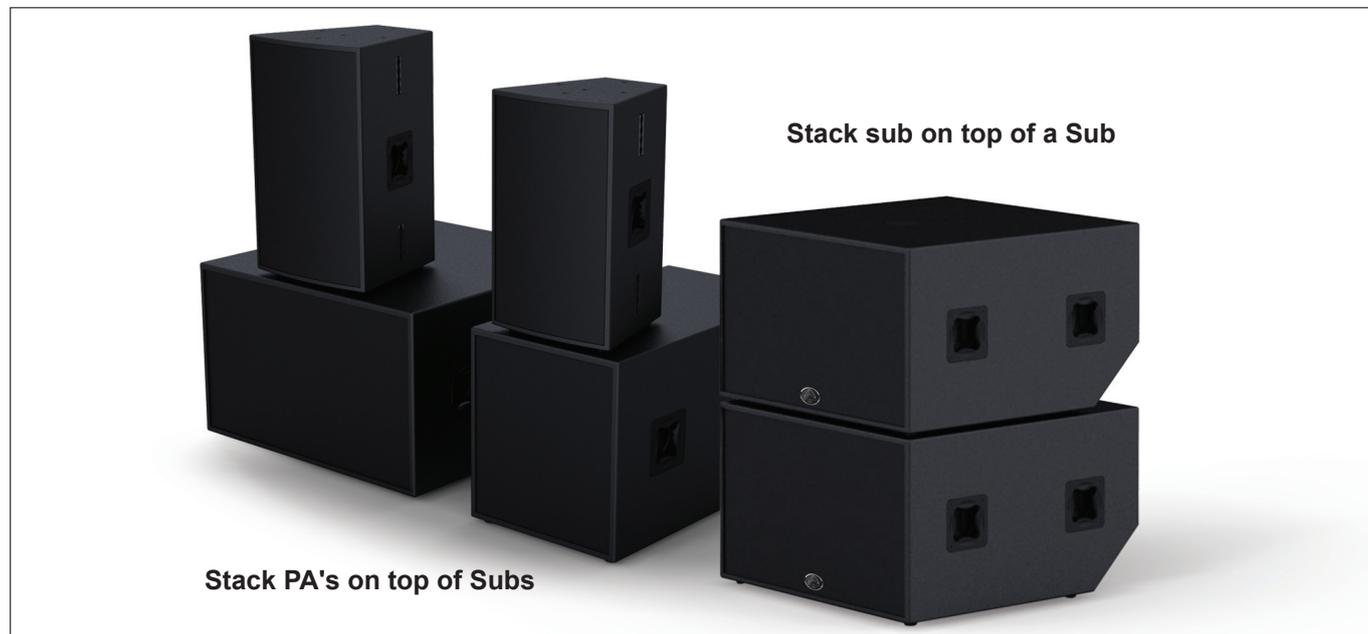
Explosive Diagram



Fly in pairs



Fly in a line-array



Stack PA's on top of Subs

Stack sub on top of a Sub

SPECIFICATIONS

MODEL	FOCUS - 12	FOCUS - 15	FOCUS - 18S	FOCUS - 218S
System Type	12" 2 way	15" 2 way	18" Subwoofer	Dual 18" Subwoofer
Frequency Response (+/- 3dB)	60-20kHz	50-20kHz	35-800Hz	30-800Hz
Frequency Range (+/- 10dB)	55-20kHz	45-20kHz	30-800Hz	25-800Hz
Power Capacity Continuous/Programme/Peak	700W/1400W/2800W	700W/1400W/2800W	1000W/2000W/4000W	Parallel: 2000W/4000W/8000W Discrete: 1000W/2000W/ 4000W
Nominal Impedance (ohms)	8Ω	8Ω	8Ω	Parallel: 4Ω Discrete: 2 x 8Ω
Sensitivity dB SPL @ 1W/1M Averaged Across Frequency Response	99.5dB	99.5dB	104dB	107dB
Max SPL dB SPL @ Peak Rated Power	133dB	135dB	140dB	146dB
Nominal Coverage @1kHz (H x V)	100° x 10°	100° x 10°	-	-
Crossover Frequency	1.6kHz	1.6kHz	-	-
Bi Amp Mode Switch	Yes	Yes	No	Yes
LF Type				
Size (mm / inches)	12"	15"	18"	18"
Power (Continuous RMS)	700W	700W	1000W	2 x 1000W
Sensitivity (Free Field 1W @ 1M)	98dB	99dB	99dB	99dB
Voice Coil (mm / inches)	3"	4"	4.5"	4.5"
Cone Material	Paper	Paper	Paper	Paper
Voice Coil Material	Copper	Copper	Copper	Copper
Voice Coil Former Material	Fibre Glass	Fibre Glass	Fibre Glass	Fibre Glass
Basket Material	Aluminium	Aluminium	Aluminium	Aluminium
Basket Type	Die-Cast	Die-Cast	Die-Cast	Die-Cast
magnet Structure Mass	2.54kg/5.588lbs	3.64kg/8.0lbs	4.28kg/9.42lbs	4.28kg/9.42lbs
magnet Structure Material	Ferrite	Ferrite	Ferrite	Ferrite
HF Type				
Size (mm / inch)	3.2" Titanium	3.2" Titanium	-	-
Power (Continuous RMS)	75W	75W	-	-
Sensitivity (Free Field 1W @ 1M)	106dB	106dB	-	-
Voice Coil (mm / inch)	3.2"	3.2"	-	-
Waveguide Type	square	square	-	-
Waveguide Exit (mm / inch)	1.4"	1.4"	-	-
Diaphragm Material	Titanium	Titanium	-	-
Voice Coil Former Material	Kapton	Kapton	-	-
Magnet Structure Mass	0.594kg/1.31lbs	0.594kg/1.31lbs	-	-
Magnet Structure Material	Neodymium	Neodymium	-	-
Protection	SK3	SK3	-	-
Enclosure Material and Thickness	15mm Plywood	15mm Plywood	18mm Plywood	18mm Plywood
Enclosure Finish	Black Rhino Paint	Black Rhino Paint	Black Rhino Paint	Black Rhino Paint
Grille Material & Finish	1.5mm Steel	1.5mm Steel	1.5mm Steel	1.5mm Steel
Colour Options	Balck	Balck	Balck	Balck
Rigging Points	M10X11 & 4 Fly Track	M10X11 & 4 Fly Track	-	-
Rigging Point Max Rated Weight	500kg	500kg	-	-
Pole Mount	Dual-angle (0° or -10°) 35mm pole socket	Dual-angle (0° or -10°) 35mm pole socket	M20 screw-on pole mount	M20 screw-on pole mount
Wheels	-	-	2	2
Handles	2 on sides	2 on sides	4 on sides	4 on sides
Input Connector Type	2 x Speakon	2 x Speakon	2 x Speakon	2 x Speakon
Net Weight (kg / Lbs)	26.3 / 57.9	34.1 / 75	52.4 / 115.3	86.5 / 190.3
Gross Weight (kg / Lbs)	28.2 / 62.04	36.5 / 80.3	61.3 / 134.9	98 / 215.6
Product Dimensions (H x W x D)mm	625 x 390/199.3 x 370.7	690 x 445/224.5 x 433	540 x 490 x 900	540 x 880 x 900
Carton Dimensions (H x W x D)mm	695 x 455/270 x 426	750 x 500/285 x 480	615 x 560 x 970	615 x 960 x 970



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