

SIGMA SERIES

PRESS RELEASE

Wharfedale Pro introduces the SIGMA SERIES of passive loudspeakers - specifically engineered for fixed installations.

With their unobtrusive design, the new SIGMA SERIES is perfect for installations where audio quality, rigging options and discreet cosmetics are critical. The series initially consists of 4 two-way models (8, 10, 12 and 15") and an 18" subwoofer. All models are available in both black or white finishes.



Each model of SIGMA features the latest proprietary Wharfedale Pro driver technology. Using a curvilinear, double-roll surround system for the LF driver, Wharfedale Pro engineers have ensured stability for low through to mid-range frequencies. Meanwhile the HF compression driver features a 44mm diaphragm using a solid aluminium rear plate which assists heat dissipation in demanding environments.

Constructed from up to 18mm of MDF, the height and overall size of the cabinet has been reduced thanks to a newly-developed angled-corner port system. These ports have been individually tuned to maximise low end punch.

"We previewed the SIGMA series to our Distributors during ProLight and Sound and received very positive reactions." said

Wharfedale Pro. "Our Engineers had researched the market and listened to many installers requests. The result is SIGMA which offers the installer an MDF alternative in a category and at a price point which historically has been forced towards plastics."

The cabinets of the 10, 12 and 15" models feature dual-angle pole mount sockets to ensure that the HF hits the target. All two-way models have comprehensive rigging options as a result of 5 x M8 points.

For physical protection, all SIGMAs are coated in the latest generation chip resistant Rhino Rock paint.

Summary -

- Specifically engineered for fixed installation
- Discreet and unobtrusive design
- Newly developed angled corner port system to reduce dimensions
- Multiple M8 rigging points and a two way speaker pole mount for easy installation
- Crossovers tailored for vocal intelligibility
- Double roll surround LF driver for stability and power
- High performance HF driver with aluminium rear cover for maximum heat dissipation
- 2.5" voice coils on 12", 15" and 18B models
- Chip resistant Rhino Rock paint

The SIGMA Series is available NOW!

Models: SIGMA-8, SIGMA-10, SIGMA-12, SIGMA-15, SIGMA-18B



WWW.WHARFEDALEPRO.COM

IAG House, 13/14 Glebe Road, Huntingdon, Cambridgeshire, PE29 7DL, UK
Tel: +44(0) 1480 452 561

SPECIFICATIONS

	SIGMA-8	SIGMA-10	SIGMA-12	SIGMA-15	SIGMA-18B
System Type	Passive	Passive	Passive	Passive	Passive
Configuration	two-way	two-way	two-way	two-way	subwoofer
Frequency Response (+/- 3dB)	75Hz-18kHz	60Hz-18kHz	55Hz-18kHz	45Hz-18kHz	35Hz-250Hz
Frequency Range (- 10 dB)	60Hz-19kHz	65Hz-18kHz	60Hz-18kHz	50Hz-18kHz	40Hz-250Hz
Sensitivity (2.83v/1m)	96dB	97dB	98dB	98dB	100dB
Calculated Maximum SPL @1m	124dB	126dB	129dB	129dB	133dB
System Rated Impedance	8Ω	8Ω	8Ω	8Ω	8Ω
Low Frequency Transducer					
Size	203mm / 8"	254mm / 10"	305mm / 12"	381mm / 15"	457mm / 18"
Voice Coil Size	38mm / 1.5"	38mm / 1.5"	64mm / 2.5"	64mm / 2.5"	64mm / 2.5"
Rated Impedance	8Ω	8Ω	8Ω	8Ω	8Ω
LF Power (re:AES2-2012)	150W	200W	300W	350W	350W
High Frequency Transducer					
HF Driver Type	Compression Driver	Compression Driver	Compression Driver	Compression Driver	-
Voice Coil Size	25mm / 1"	44mm / 1.75"	44mm / 1.75"	44mm / 1.75"	-
Exit Size	1"	1"	1"	1"	-
Diaphragm Material	Polymer	Titanium	Titanium	Titanium	-
Rated Impedance	8Ω	8Ω	8Ω	8Ω	-
HF Power (re:AES2-2012)	25W	40W	40W	40W	-
Nominal Coverage (H x V)	90° x 60°	90° x 60°	90° x 60°	90° x 60°	-
Power					
System Continuous Power	150W	200W	300W	350W	500W
System Programme Power	300W	400W	600W	700W	1000W
System Peak Power	600W	800W	1200W	1400W	2000W
Crossover frequency	2.8kHz	2.4kHz	2.2kHz	2kHz	2.2kHz
Input Connector	2 x Speakon	2 x Speakon	2 x Speakon	2 x Speakon	2 x Speakon
Hardware					
	35mm pole socket	Dual-angle (0° or -10°) 35 mm pole socket	Dual-angle (0° or -10°) 35 mm pole socket	Dual-angle (0° or -10°) 35 mm pole socket	35 mm pole socket
	M8 x 5	M8 x 5	M8 x 5	M8 x 5	
	1 Handle on back	1 Handle on back	2 Handles on sides	2 Handles on sides	4 Handles on sides
Enclosure					
Enclosure Material	12mm MDF	15mm MDF	15mm MDF	15mm MDF	18mm MDF
Finish	Black Paint / White Paint	Black Paint / White Paint	Black Paint / White Paint	Black Paint / White Paint	Black Paint / White Paint
Grille Material & Finish	1.2mm steel, painted	1.2mm steel, painted	1.2mm steel, painted	1.2mm steel, painted	1.2mm steel, painted
Dimensions (Unpacked)					
Height	430mm / 17"	500mm / 19.5"	533mm / 21"	635mm / 25"	554mm / 21.25"
Width Front	272mm / 11"	383mm / 13.3"	354mm / 14"	435mm / 17"	502mm / 20"
Width Rear	158mm/ 6"	213mm / 8.4"	218mm / 8"	261mm / 11.7"	502mm / 20"
Depth	277mm / 13.5"	339mm / 13.3"	359mm / 14"	439mm / 17.25"	780mm / 30.8"
Dimensions (Packed)					
Height	505mm / 20"	585mm / 23"	625mm / 24.6"	720mm / 28.35"	649mm / 25.5"
Width	363mm / 14.25"	451mm / 18"	468mm / 18.4"	553mm / 21.75"	588mm / 22.75"
Depth	322mm / 12.75"	384mm / 13.3"	260mm / 11.8"	553mm / 21.75"	865mm / 34"
Net Weight	7.8kg / 17lbs	15.4kg/ 34lbs	18.2kg / 40lbs	23.4kg / 51.5lbs	40.5kg / 89lbs
Gross Weight	8.8kg / 19lbs	17.8kg / 38.5lbs	20.9kg / 45lbs	26.7kg / 58.7lbs	47.8kg / 105lbs

