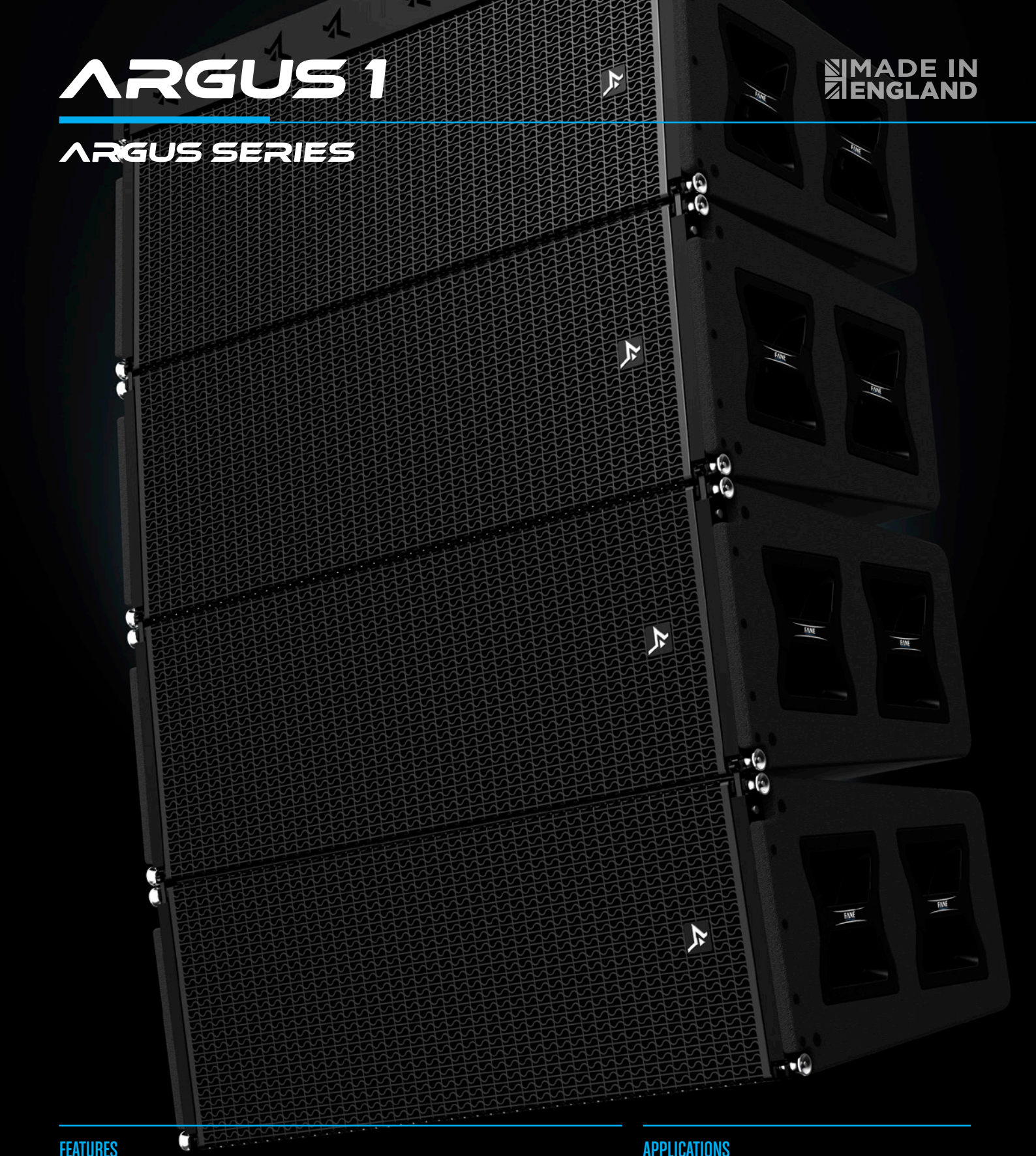
ARGUS 1

MADE IN ENGLAND

ARGUS SERIES



FEATURES

- Three-way, symmetrical bass structured line array system.
- Dual, 2.95-inch (75mm) voice-coil, Titanium diaphragm neodymium magnet compression drivers.
- 10-inch, Precision Devices, Neo-Radial technology, high sensitivity, low distortion Midrange unit.
- Dual, 12-inch Precision Devices Neo-Radial technology, high sensitivity, low distortion bass unit.
- Coaxial configuration of mid to high frequency for concentrated sound and imagery.
- 18 mm Enclosure surface treated with a wear-resistant black polyurea finish.
- Preset flying angles for more efficient hanging and ease of use.

APPLICATIONS

- Main PA sound reinforcement.
- Large bars, clubs and auditoriums.
- Stadium and live events.

ARGUS 1

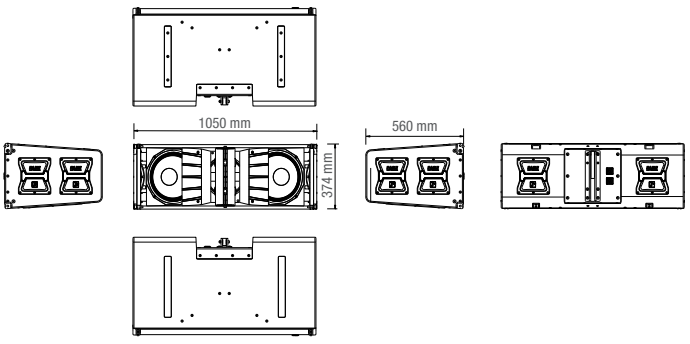
DUAL 12-INCH, THREE WAY LINE ARRAY SYSTEM

ARGUS 1 is a large format three-way Line Array System. It provides a frequency range of 45Hz-20kHz (-10dB). The system comprises of 2 Precision Devices Neodymium (75mm voice coil) compression drivers with 36mm throat mouths. One Precision Devices 10" midrange unit and two 12" Precision Devices woofers to formulate a dynamic speaker system.

The low frequency section of the ARGUS 1 uses two Precision Devices 400W 12"woofers, positioned to the left and right side of the symmetrical structure.

The Mid-range frequency section consists of a high sensitivity Precision Devices 10" Neodymium driver and positioned behind the HF section facilitating a coaxial configuration. The mid-range section also incorporates a phase plug installed in the front of the driver, a diffusion horn is added to improve directivity and further increase the sensitivity of the whole midrange section.

Two 75mm voice coil neodymium titanium diaphragm compression units are used in the high frequency section. A plane wave converter is used in conjunction with a 90° exponential curve constant directivity horn to make the dual HF section produce a consistent wave front enabling Argus 1 to delivery ultra-clear and coherent audio reproduction.

	LOW	MID	HIGH
Power Handling (AES) **Program** **Peak**	900 W 1800 W 3600 W	350 W 700 W 1400 W	160 W 320 W 640 W
Nominal Impedance	8 Ω		
Average Sensitivity	104 dB @ 1W/1m		
Calculated Maximum SPL / 1m	136 dB (continuous) 139 dB (program) 142 dB (peak)		
Frequency Response (-6dB)	69 Hz - 19 kHz (±3 dB) 45 Hz - 20 kHz (-10 dB)		
Manufacturing Consistency	200 Hz to 10 kHz (±3 dB)		
Nominal Directivity (-6dB)	90° (H) x 8° (V)		
Recommended Amplifier	LF: 1100 W 8Ω, MF/HF: 600 W 8Ω (no clip) in specified frequency response		
Recommended Low Cut	55Hz, 18 dB/ oct Butterworth		
Crossover	Passive		
Low Frequency Driver	2x Precision Devices transducers, 8Ω impedance 12" (304 mm) diameter, Neo Radial technology, high-temperature voice coil on glass fibre former		
Mid Frequency Driver	Precision Devices transducer, 8 Ω impedance 10" (2542 mm) diameter, high-temperature voice coil on glass fibre former		
High Frequency Driver	2x Precision Devices compression driver, 8 Ω impedance, 3" voice coil		

Flying Hardware	3 point flying system
Connectors	2 Neutrik Speakon NL8
Connection Mode	1± LF / 2± MF / 3± HF
Cabinet	CNC made with tongue and groove assembly, 18 mm exterior grade, void-free, birch plywood
Finish	Black Polyurea Coating
Cabinet Size (HxWxD)	374 x 1050 x 560 mm
Shipping Carton Size (HxWxD)	465 x 1150 x 660 mm
Weight	59 kg net 63 kg gross