



ARION 5

Self-powered Line Array system.



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The ultra compact and self-powered Line Array system of WORK.

WORK introduces the new reference inside Line array ARION Series: ARION 5, a compact self-powered line array system for small and medium applications. This system gives high SPL and excellent frequency response.

ARION 5 is composed of four two-way satellites, a self-powered tri-amplified subwoofer with built-in DSP and a flying frame for rigging purpose.



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Self-powered line array system with configurable DSP module.

The ARION 5 line array system is composed of four **SL 25** satellites and a **SL 115 SA** self-powered subwoofer.

Each **SL 25** integrates two 5.25" transducers for mid and a 1" compression driver for high. The high quality of these transducers makes it possible to obtain an efficient response. **SL 115 SA** uses a 15" woofer specially designed to enhance low frequencies response. Besides, it includes the power amplifier. This bi-amplified module has separated ways to amplify each band section according to their requirements.

Thanks to its self-powered feature and compact size, ARION 5 is a plug and play line array system which is really easy to transport and install. These features and its power output make it a perfect choice for small and medium installations, such as conference rooms, auditorium, shopping-malls, etc. ARION 5 is made in 15" high density plywood and it is available in two colours: black and white.

ARION 5 is equipped with an amplifier and a DSP module with preset settings.



Integrated amplifier module.

The tri-amplified module included into the **SL 115 SA** provides a complete control over each band. The amplifier offers three separated ways, 1000W for the own subwoofer and 500W + 500W for the SL 25 satellites (mid+high). The module incorporates balanced/unbalanced inputs with tone controls and preamplified output.



Configurable DSP module.

The amplifier has integrated the **new DSP module** that allows to get the appropriated equalization by setting several parameter. The process is very accurate and it is made through exclusive software, allowing to integrate a wide range of EQ settings.

Great flexibility in shaping array curvature.

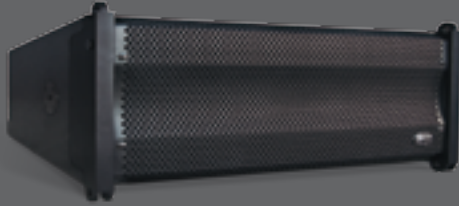
Mechanically speaking the ARION 5 uses built-in rigging hardware with adjustable angles from 0 to 10 degrees in 1.5 degree increments, which allows for great flexibility in shaping array curvature.

In relation to protection functions, this amplifier incorporates circuitry which avoids damage caused by short-circuits, DC voltage in the output and thermal. The built-in DSP allows to set and insert a defined number of equalization filters, what makes it an easily adaptable system for different situations.

Therefore, the amplifier is precisely set to offer the best performance possible to the whole system according to its loudspeakers and transducers. The module has a switch that makes possible for the users to select three pre-fixed presets for enhancing a particular band (voice, loudness and default).



SL 25



features

- Two way full range loudspeaker.
- Ultra compact and lightweight design.
- High sensitivity (99 dB).
- High output level (122 dB).
- Transducers:
 - 2 x 5.25" Neodymium transducer.
 - 1 x 44mm Neodymium compression motor for high frequencies.
- 110° horizontal dispersion.
- Fast mounting system and stacking.
- Printed angle indicators to adjust vertical angle in steps of 1°.
- Acoustic cabinet made of 15 mm birch plywood.
- Quick and safe fixing system (aluminium) for rigging.
- Polyurethane coating with textured finish for extended use.

SL 115 SA



features

- Self-powered loudspeaker for bass reinforcement.
- The perfect complement for SL 25 loudspeakers.
- Composed of 1 x 15" LF woofer.
- High sensitivity (96 dB).
- High SPL output level (123 dB).
- Fast mounting system and stacking.
- Acoustic cabinet made of 15 mm birch plywood.
- Polyurethane coating with textured finish for extended use.

AMPLIFIER

- Tri-amplifier with internal DSP
- 1000W + 500W + 500W
- Built-in equalization presets
- Two tone controls
- Balanced/Unbalanced LINE inputs

technical data

Type:	Bi-amp full range loudspeaker
HF driver:	1 x T 44 HF Compression driver
LF driver:	2 x 5.25 LF driver
Frequency range, on-axis, -3 dB:	120 Hz – 20 kHz.
Frequency range, on-axis, -10 dB:	110 Hz – 20 kHz.
Sensitivity (1W@1m, on-axis):	99 dB (1w @ 1m).
Maximum SPL, nominal:	122 dB (1m).
Coverage angle:	Horizontal: 110°. Vertical: 30°.
Crossover point:	DSP equalization.
Nominal Impedance:	High: 16 Ω, Low: 16 Ω.
Enclosure:	Trapezoidal, 15mm birch plywood.
Finish:	Black polyurethane for cabinet, black powder coated for grille.
Connectors:	2 x NL4 speakON.
Dimensions (WxHxD):	490 x 251 x 165 mm.
Weight:	9.2 kg.
Installation:	Specialized hardware (Flying Frame MFF5)

technical data

LOUDSPEAKER	Type:	Self-powered subwoofer (tri-amplifier)
	Transducers:	1 x 15" LF driver.
	Frequency response (-3 dB):	45 Hz – 110 Hz.
	Frequency response (-10 dB):	45 Hz – 120 Hz
	Sensitivity (1 W @ 1 m):	96 dB (1w @ 1m).
	Maximum SPL:	123 dB (1m).
	Enclosure:	Wedge cabinet, 18 mm birch plywood.
	Finish:	Black polyurethane for cabinet, black powder coated for the grille
	Carry:	2 x wooden handles
	Connector:	2 x NL4.
	Dimensions (WxHxD):	600 x 590 x 640 mm.
	Weight:	33.5 kg.
	Installation:	Special rigging brackets and accessories

AMPLIFIER	Power Output:	1000W + 500W + 500W (class D + AB)
	Input Impedance:	10k Ω.
	Gain (amp. class D / AB):	32-36 dB / 27 dB.
	SN Ratio (amp. class D / AB):	> 95 dB / > 95 dB.
	Slew Rate (8 Ω):	1.5V / μS - 50V / μS.
	Freq. Response (amp. class D / AB):	15Hz - 20kHz / 10Hz - 50kHz.
	Damping Factor (amp. class D / AB):	> 180; >500@1kHz / > 400; > 500@100 Hz
	Main Supply:	AC 115/230 V 50/60 Hz

