



# 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.



## 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.



### 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.

### 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 650W + 150W for the SL 25 satellites (mid+high). The module incorporates balanced/unbalanced inputs with tone controls and preamplified output.

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.



### Configurable DSP module.

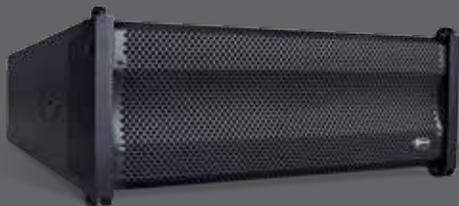
The amplifier has integrated the **new DSP module** that allows to get the appropriated equalization by setting several parameter. The process is very accurate and it is made through exclusive software, allowing to integrate a wide range of EQ settings.

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.

## technical data

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

# 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.

## technical data

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

## AMPLIFIER

- Tri-amplifier with internal DSP
- 1000W + 650W + 150W
- Built-in equalization presets
- Two tone controls
- Balanced/Unbalanced LINE inputs

<b>AMPLIFIER</b>	<b>Power Output:</b>	1000W + 650W + 150W (class D + AB)
	<b>Input Impedance:</b>	10k Ω.
	<b>Gain (amp. class D / AB):</b>	32-36 dB / 27 dB.
	<b>SN Ratio (amp. class D / AB):</b>	> 95 dB / > 95 dB.
	<b>Slew Rate (8 Ω):</b>	1.5V / μS - 50V / μS.
	<b>Freq. Response (amp. class D / AB):</b>	15Hz - 20kHz / 10Hz - 50kHz.
	<b>Damping Factor (amp. class D / AB):</b>	> 180; >500@1kHz / > 400; > 500@100 Hz
	<b>Main Supply:</b>	AC 115/230 V 50/60 Hz

