



ARION10

The ultra compact Line Array system.



ARION 10

***The ultra compact and lightweight
Line Array system of WORK.***

WORK's all-new Arion line gets started with the Arion 10, a passive line array module for bi-amplified use. Compact sized, it can be used as a full range system with a useable response down to 45 Hz or with subwoofer complement.





High efficiency and low distortion.

The heart of any loudspeaker system lies on its transducers, which is why the Arion 10 features only Neodymium magnet assemblies, guaranteeing high efficiency and low distortion, as well as reduced weight.

For the high frequencies two 1.75 in. pure titanium diaphragm compression drivers are used. A 44 mm voice coil, wound to a high temperature Kapton former, ensures high power handling, while a flux density 2.2 Tesla motor structure provides unprecedented efficiency, all of which translates to clean SPL to spare.

The drivers are mounted onto a precision waveguide that provides a flat wave front, essential to line array coupling and resulting in smoothly increasing directivity characteristics.

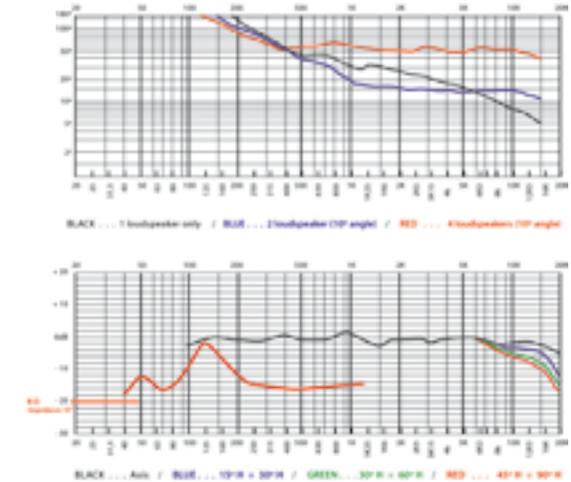
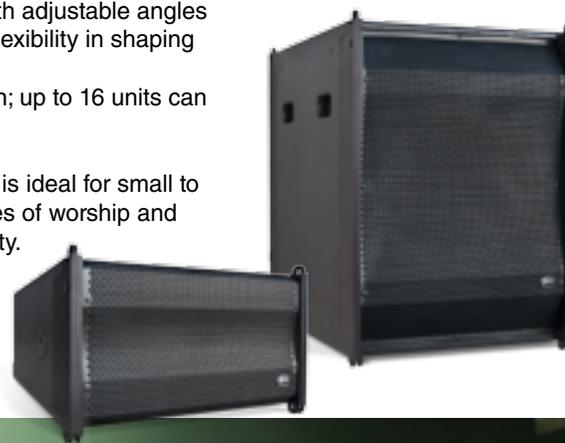
Low frequencies are handled by a 10" cone driver that makes use of a centrally located Neodymium magnet. A 2.5" edge-wound voice coil with Kapton support is utilised as well as pole-piece venting and extensive heat sinking, which will keep power compression under control.

Great flexibility in shaping array curvature.

Mechanically speaking the Arion 10 uses built-in rigging hardware with adjustable angles from 0 to 10 degrees in 1 degree increments, which allows for great flexibility in shaping array curvature.

The SL 101 suspension frame provides safe and practical suspension; up to 16 units can be flown with a safety factor of 10:1.

With a maximum peak sound pressure level of 124 dBs, the Arion 10 is ideal for small to medium sized indoor or outdoor applications such as theatres, houses of worship and arenas. Frontfill or sidefill use in larger scale events is also a possibility.



Control ARION 10 with WPE 26 N and WorkCAD Designer.

The use of the 2-in/6-out WORK's WPE 26N digital system controller is highly advised. Arion 10 presets make use of extensive crossover, EQ, delay and limiting functionality to provide plug-and-play optimization and hence guarantee the best possible audio quality and reliability. An Ethernet connection allows for operation from WORK's WorkCAD Designer PC-based editor.

Coupled with OSC (Open Sound Control) connectivity, wired or wireless remote control from all sorts of devices including iOS or Android based phones and tablet computers, such as iPhones and iPads. In addition to the preset panel configurations provided by WORK, the user will be able to easily build customized control panels.





SL 101



features

- Two way loudspeaker with Line Array format.
- Ultra compact and lightweight design.
- High sensitivity (95 dB).
- High output level (124 dB peak).
- Transducers:
 - 1 10" Neodymium transducer.
 - 2 1.7" Neodymium compression motors for high frequencies.
- 120° 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

Power Handling, Low:	400W Program.
Power Handling, High:	150W Program.
Frequency range, on-axis, -10 dB:	45 Hz – 20 kHz.
Sensitivity (1W@1m, on-axis):	95 dB SPL.
Maximum SPL, nominal:	118 dB SPL / 124 dB SPL (Peak).
Coverage angle:	Horizontal: 120°. Vertical: Array geometry dependent.
Nominal Impedance:	High: 8 Ω, Low: 8 Ω.
Enclosure:	Trapezoidal, 15mm birch plywood.
Finish:	Black, textured polyurethane for cabinet, powder coated for grille.
Transducers:	1 x 10" cone speaker, Neodymium magnet, 2 x 1,75" diaphragm compression driver, Neodymium magnet.
Connectors:	2xNL4.
Dimensions (WxHxD):	538.5 x 262 x 435.5 mm.
Weight:	17 kg.
Optional accessories:	Suspension frame.

SL 212 B



features

- Loudspeaker for bass reinforcement.
- The perfect complement for SL 101 loudspeakers.
- Composed of 2 LF compression drivers (12" neodymium) for low frequency top performance.
- High SPL output level (128 dB peak).
- Fast mounting system and stacking.
- Acoustic cabinet made of 15 mm birch plywood.
- Polyurethane coating with textured finish for extended use.

technical data

Construction:	15 mm birch plywood.
Transducers:	2 x 12" LF compression driver.
Crossover:	200 Hz.
Frequency response (-3 dB):	45 Hz – 300 Hz.
Rated power:	1.800 W (Program)
Sensitivity (1 W @ 1 m):	92 dB.
Maximum SPL:	122 dB / 128 dB (Peak).
Rated impedance:	4 Ω.
Connector:	2 x NL4.
Dimensions (WxHxD):	540 x 713 x 680 mm.
Weight:	50 kg.

