



- ▶ Corporate Events & Mid-Size Installations
- ▶ 140° Horizontal Coverage
- ▶ 1000Wpeak LF Class D amplifier
- ▶ 650Wpeak MF Class D amplifier
- ▶ 150Wpeak HF Class D amplifier
- ▶ Three Presets available

Technical Specifications

LF Transducers:	1x15" 3.5" Voicecoil
MF Transducers:	2x5", 1.46" Voicecoil
HF Transducers:	1x1.75" Voicecoil, 2.2" Ring Radiator
LF Amplifier:	Class-D, 1000Wpeak
MF Amplifier:	Class-D, 650Wpeak
HF Amplifier:	Class-D, 150Wpeak
Input Impedance:	10kOhm
Input Sensitivity:	+4dBu
Frequency Range (Full Space):	(-10dB): 100Hz-18kHz (-6dB): 107Hz-17kHz
Max Peak SPL at 1m:	122dB
Horizontal Coverage (-6dB):	140°
EQ Modes:	Normal, Voice & Loudness
Balance:	Treble & Bass
Limiters:	RMS & Peak
Amplifier Protections:	Thermal & Overload
Enclosure:	Birch Plywood
Finish:	Polyurethane paint.
Colour:	Black
Connectors:	Audio In: Female XLR & Stereo RCA Audio Out: Male XLR Power Input: IEC Satellite Output: Speakon NL4
AC Power Requirements:	115Vac/230Vac, 50Hz/60Hz
Current Draw (1/3 Power@230v):	2A
Shut Down Voltage:	200 to 240 Volts, 110 to 130 Volts
Shut Down Temperature:	85°C
Dimensions SL 25 (HxWxD):	251x490x165 mm, 9.9x19.3x6.5 in
Dimensions SL 115 SA (HxWxD):	590x600x640 mm, 23.2x23.6x25.2 in
Net Weight SL 25:	9.2kg, 20.3lb
Net Weight SL 115 SA:	33.5kg, 73.9lb
Included Accessories:	Rigging frame, speaker link cables

Overview

Arion 5 is a self-powered three-way line array. Each top unit, SL 25, features two 5.25" transducers in a bass reflex enclosure. The high frequencies are reproduced by a 2.2" diameter ring radiator driver featuring a polymer membrane. The bass enclosure uses one 15" transducer, 3.5" voicecoil, to reproduce the very low end.

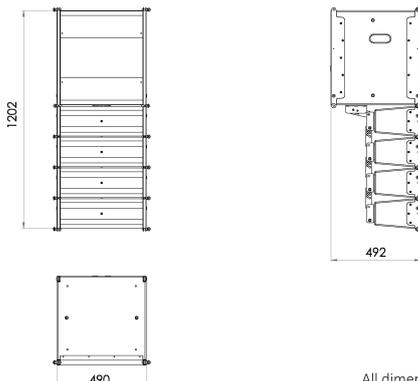
The compression driver radiates over the new VI-5 waveguide which provides a perfect vertical coupling between the high frequencies of the different SL 25 units.

The digital signal processing has been carefully designed to provide excellent uniformity of the horizontal coverage, keeping the frequency balance unchanged at the listening angles.

Arion 5, comprised of four units SL 25 and one SL 115 SA, features a powerful digital signal processing, which provides the filtering and the necessary corrections of magnitude and phase to the transducers in order to obtain a faithful sound. From the backside of the subwoofer SL 115 SA you can choose between three presets: Normal, Voice and Loudness, and also adjust the balance between the tops and the subwoofer via two knobs labeled Bass and Treble.

The power is provided by one Class D amplifier with 1000W peak for the Low frequencies, 650W peak for the Mid frequencies and 150W peak for the Highs, which incorporate thermal and overload protections. Independent RMS and peak limiters are used on each way.

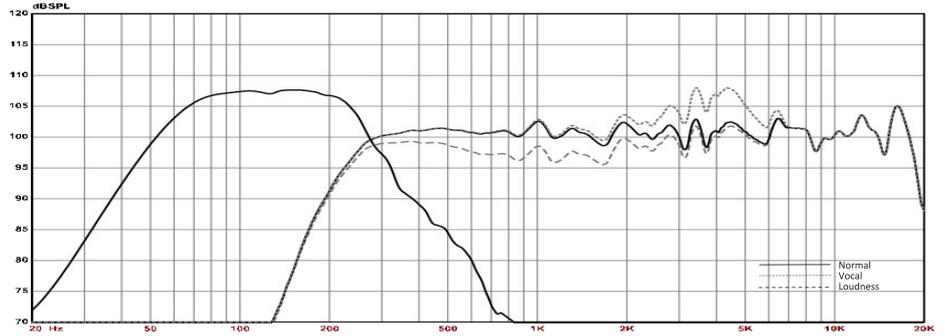
Dimensions



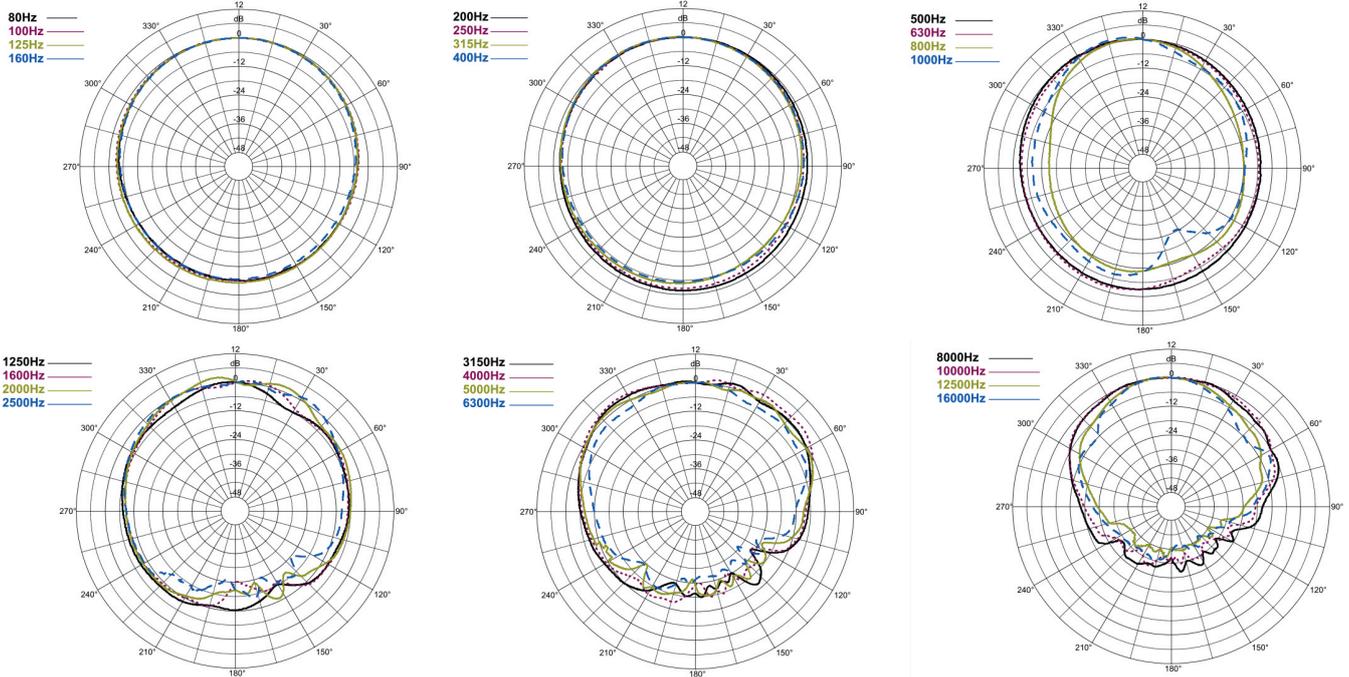
All dimensions in mm

Frequency Response

On axis frequency response of four SL 25 units driven by a swept sine wave signal at an input level of -20dBu. Measured in an anechoic chamber at 4m, SPL scaled down to 1m. In order to provide a more detailed frequency response curve only a 1/6th octave smoothing has been applied.



Horizontal 1/3 Octave Polar Response



Vertical 1/3 Octave Polar Response, 4 Units (Left/Top Right/Bottom)

