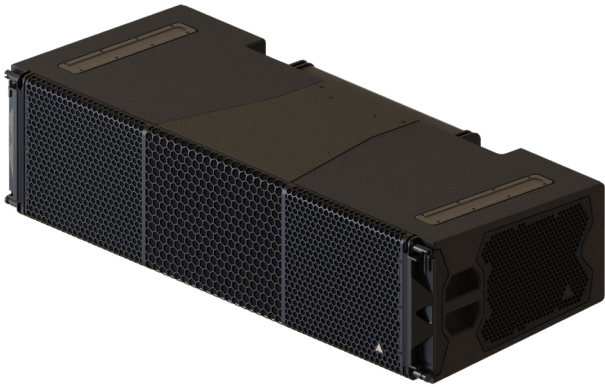




The Adamson VGt is a large-format true line source enclosure and the first product in the Vergence Group. It is designed for medium to large-scale applications, incorporating proprietary transducer and waveguide technology, newly developed Class-D amplification, a networked DSP endpoint and Autolock® rigging into a highly efficient package with unparalleled sonic performance.

Two patent pending MF compression drivers redefine the reproduction quality in the mid frequency range. The HF section uses two high flux density compression drivers with 3" diaphragms. Next generation sound chambers optimize sonic consistency and inter element summation over long distances, offering minimized distortion, increased HF resolution, and superior output capacity. The LF section comprises dual front facing 13" and side facing 10" woofers, capitalizing on the benefits of Adamson's Advanced Cone Architecture. The driver arrangement and individual component control allows for multi-mode low frequency dispersion patterns, that can maintain the uniform 90-degree horizontal coverage pattern of the VGt across its' entire frequency range, while also providing increased LF headroom.

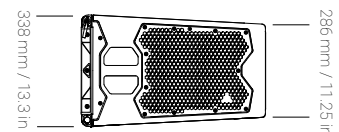
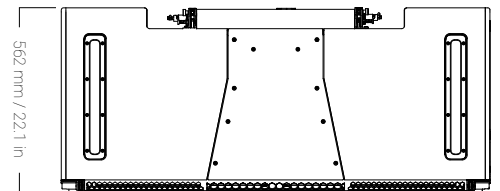
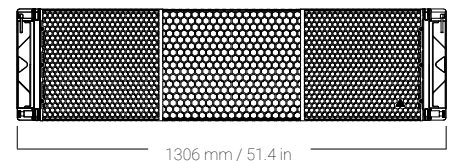
The cabinet construction utilizes marine grade plywood with impact and weather resistant two-component protective coating, as well as aircraft grade aluminum and steel. Modular Autolock® rigging allows simple, safe, and fast deployment of arrays with up to 24 VGt elements by a single technician. VGt is equipped with custom made Class-D amplification, as well as an intelligent networked DSP endpoint. For efficient cabling, all necessary connections can be daisy-chained, including power, analog audio and redundant network containing Milan AVB digital audio and AES70 control data.



Specifications

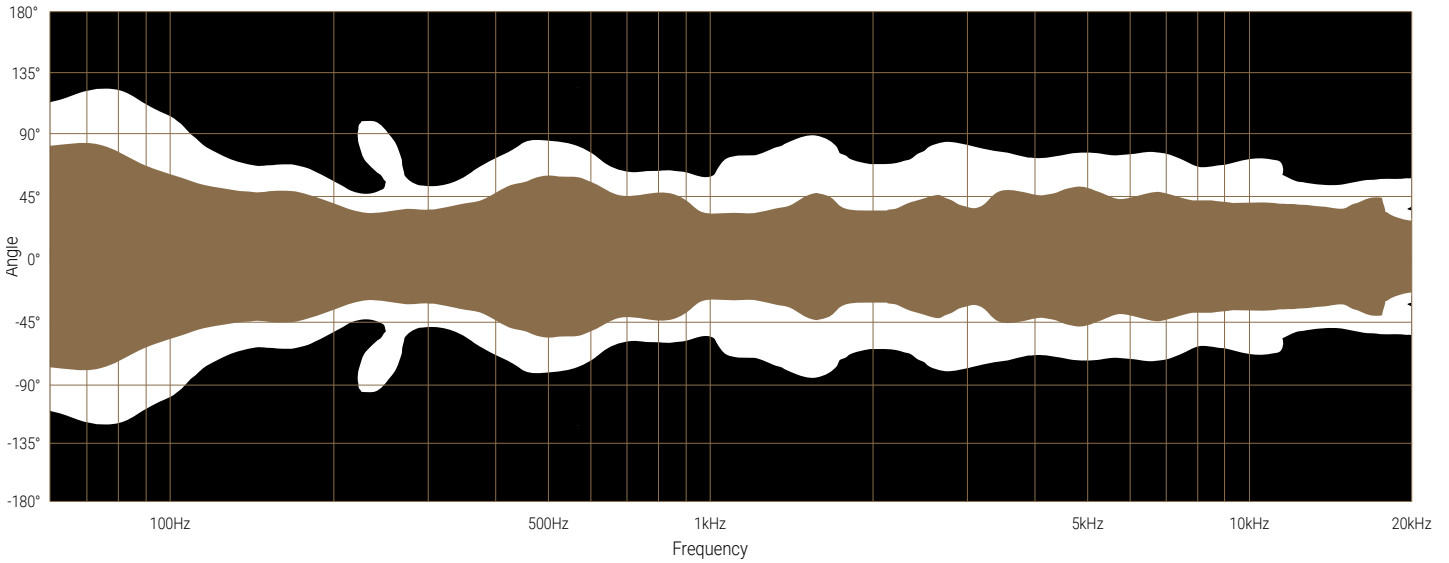
Frequency Range (+/- 3dB)	50 Hz - 20 kHz
Nominal Directivity (-6 dB) H x V	90° x 6°
Maximum Peak SPL*	151 dB
LF Component	2x ND13-S 13" Kevlar Neodymium Driver
Directional Component	2x ND10-LM 10" Kevlar Neodymium Driver
MF Component	2x M140 Kevlar Compression Driver
HF Component	2x 3" Compression Driver
Rigging	Autolock™ Rigging
Connection	2x etherCON™ - passive continuity when powerless, Analog XLR3 in & thru, powerCON TRUE1 TOP in & thru
Height Front (mm / in)	338 / 13.3
Height Back (mm / in)	286 / 11.25
Width (mm / in)	1306 / 51.4
Depth (mm / in)	562 / 22.1
Weight (kg / lbs)	85 / 188
Colour	Black & White (Standard), RAL Colours (On Demand)
Amplification	5 channel Onboard Class-D, SMPS
Processing	Onboard, controllable through proprietary software

*12 dB crest factor pink noise at 1m, free field, using specified processing and amplification



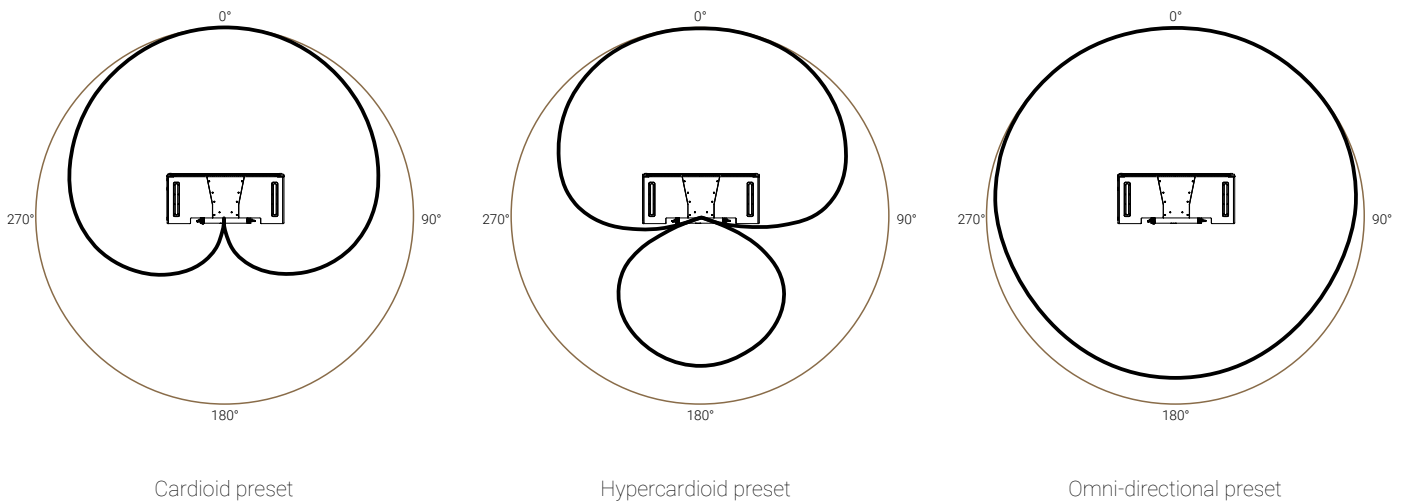
► Directivity

Horizontal Dispersion



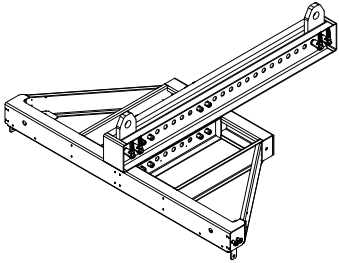
VGt horizontal dispersion pattern utilizing the cardioid preset, displays areas of equal SPL in 6dB steps.

Horizontal Low Frequency Polar Plots



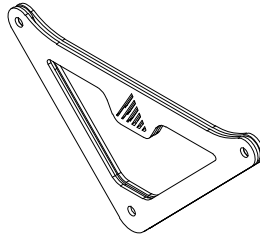
» Accessories

VGt Rigging Frame



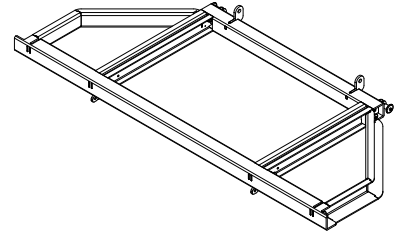
Deploys up to 24 VGt. Includes extended beam for greater array articulation. Both can remain on the array when travelling.

Two Motor Adaptor



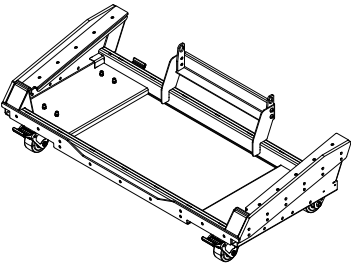
Allows for horizontal aiming using two motors on the back or front of the array.

VGt to CS10 Underhang



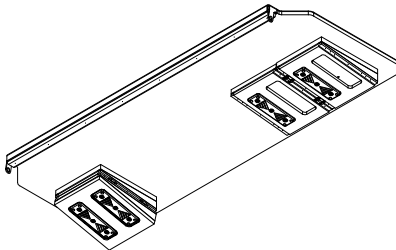
Riggs CS10 under VGt, can remain below the array on the dolly when travelling. Offers points for pullback and to attach windload bars.

VGt Dolly



Carries up to 4 VGt. Allows for efficient 4 wide truckpack. Stacks easy and safe when not in use.

VGt Flat Top Plate



For further stacking. Compatible with 3up and 4up.

VGt Cover

Protective cover, available in 3up or 4up.

VG Power Fanout

PDS Socapex 19-Pin to 6x PowerCON TRUE1 fanout.

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