



The VGs is the first powered subwoofer in the Vergence Group. VGs is built upon the foundation of the trusted low-end impact and versatility of Adamson's E-Series E119 subwoofer combined with a custom-designed and in-house manufactured, single-channel 6kW Class-D Amplifier with on-board DSP. All features of the VGs are controlled and monitored through Adamson's proprietary ArrayIntelligence software.

The enclosure is loaded with a light weight, long excursion, 19" SD19 Kevlar® Neodymium driver utilizing Adamson's Advanced Cone Architecture and Symmetrical Drive Technology. The driver employs a dual 5" voice coil for exceptional power handling, with a dual-spider suspension system for extra stability even under extreme excursion. It is mounted in an ultra-efficient front-loaded enclosure, designed to reproduce clean, musical low frequency information. Users will appreciate the lower fundamental notes of this design.

The cabinet construction uses marine grade birch plywood as well as aircraft grade steel and aluminum, and is equipped with custom made onboard 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 digital audio and AES70 control data. The integrated rigging system allows for either 0° or 3° splay between adjacent cabinets. The VGs can travel on installed casters, or on a 3-high covered dolly.



## Specifications

Frequency Range (+/- 3dB)	29 Hz - 100 Hz
Maximum Peak SPL*	139 dB
LF Component	SD19 19" Kevlar® Neodymium Driver
Rigging	Integrated Rigging System
Connection	2x etherCON™ - passive continuity when powerless, Analog XLR3 in & thru, powerCON TRUE1 TOP in & thru
Height (mm / in)	572 / 22.5
Width (mm / in)	749 / 29.5
Depth (mm / in)	889 / 35
Weight (kg / lbs)	72.5 kg (160 lbs)
Colour	Black & White (Standard), RAL Colours (On Demand)
Amplification	Single 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

