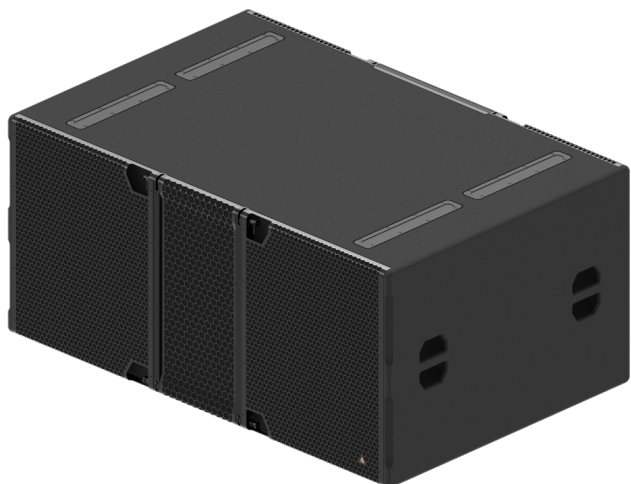




The Adamson VGd is a large-format subwoofer enclosure and the largest subwoofer enclosure in the Vergence Group. Designed to keep up with the high output capabilities of the full-range products in the Vergence Group, the VGd exhibits very high output for its size. With 2x SD21.5 transducers front-loaded, as well as 2x SD18 transducers rear-loaded, the VGd is a dedicated cardioid subwoofer.

The SD21.5 transducer has been developed to provide superior excursion, minimal non-linearity and superior cooling. Employing an inside / outside dual wound voice coil, the SD21.5 has high motor force and efficiency. The cone has been designed to retain stiffness even under high duress, and the suspension system has been highly optimized. The SD18, which is also deployed in the VGx, is rear-loaded to provide cancelation in the rear, and additional summation in the front. The FEA-optimized ports are designed to reduce velocity and port noise.

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 of multiple VGd elements by a single technician. VGd is equipped with 4 paralleled channels of 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 and AES70 control data.



Specifications

Frequency Range (-10 dB)	27 Hz - 100 Hz
*Maximum Peak SPL	148 dB
Front Component	2x SD21.5 21" Kevlar® Neodymium Driver
Directional Component	2x SD18 18" Kevlar® Neodymium Driver
Rigging	Autolock® Rigging
Connection	2x etherCON® - passive continuity when powerless, Analog XLR3 in & thru, powerCON® TRUE1 TOP in & thru
Height (mm / in)	660 / 26
Width (mm / in)	1458 / 57.4
Depth (mm / in)	978 / 38.5
Weight (kg / lbs)	152 / 335
Colour	Black & White (Standard), RAL Colours (On Demand)
Amplification	4 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 *

