VIO L208



2-WAY ACTIVE LINE ARRAY SYSTEM

DESIGNED FOR OPTIMIZED ACOUSTIC AND MECHANICAL COMPATIBILITY WITH VIO L210

NEW ACOUSTIC DESIGN FEATURING ALL-IN-ONE PHASE PLUG AND HF HORN FRONT PANEL

LOW-LATENCY PROCESSING THANKS TO POWERFUL DSP WITH LINEAR-PHASE FIR FILTERS

FULL COMPLIANCE WITH AURORA NET REMOTE CONTROL SOFTWARE

DSP PRESETS FOR MAXIMUM ACOUSTIC CUSTOMIZATION

BUILT-IN FLYING HARDWARE ALLOWING FAST & EASY SET UP AND FLYING OPERATIONS

BUILT-IN INCLINOMETER

VIO GOES COMPACT WITH L208

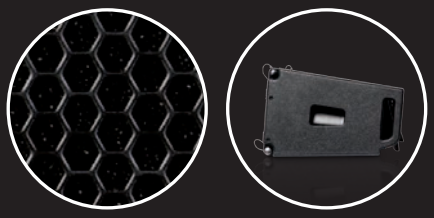
Offering lighter and faster rigging elements, featuring an unique acoustic design, combining long throw and detailed audio performance, the new VIO L208 is both a powerful yet compact stand-alone line array system, and a fully compatible down-fill for VIO L210 + VIOL208 hybrid systems, completed by VIO S Active subwoofers.

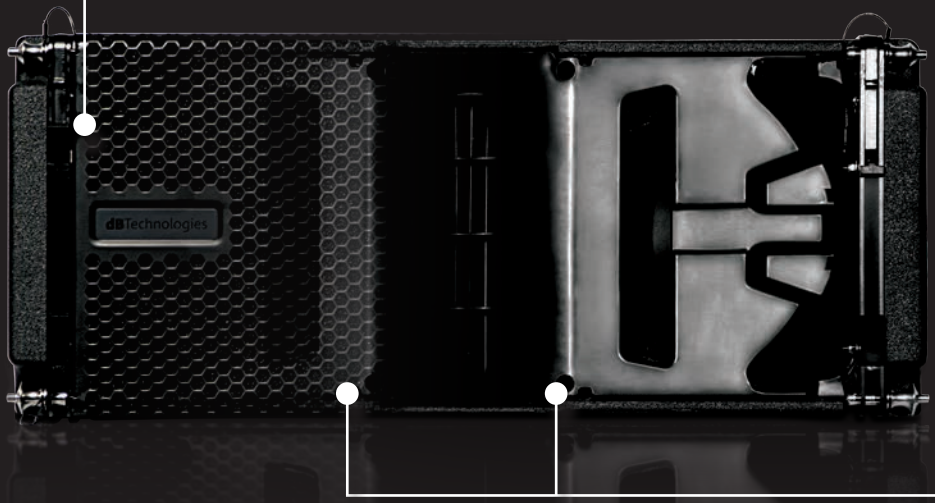
Speaker Type	2-Way Active Line Array Module
Usable Bandwidth [-6dB]	75 - 20.000 Hz
Frequency Response [+/- 3dB]	85 - 18.100 Hz
Max SPL	One Unit: 133.5 dB
HF	1 x 1.4", 3" v.c. - Neodymium
LF	2 x 8", 2" v.c. - Neodymium
Phase Correction	All-in-one panel with phase corrector
Horizontal Directivity	100°
Vertical Directivity	depends on array size and configuration
Amplifier	900 W RMS Class-D Digipro® G3
Cooling	Convection
Power Supply	Auto-range SMPS
Controller	DSP 28/56 bit
AD/DA Converter	24 bit/48 kHz
Limiter	Dual Active Multiband Peak, RMS, Thermal
Processing (filters)	FIR Linear phase
Signal Input	1x XLR female, balanced
Signal Output	1x XLR male, balanced
Network	RDNet remote control RJ45 connector IN/OUT
Power Socket	1x PowerCON TRUE1 In 1x PowerCON TRUE1 Out
Controls	1 x Speaker Coupling (7 presets) 1 x HF Compensation (8 presets) 1 x Input Attenuation Rotary Switch
Special Features	Opto-isolated floating pre-amp Inclinometer
Housing	Multiplex plywood - Polyurea painting
Handles	1 x Side, 2 on back
Rain cover	Included
Rigging Points	Integrated 3-point flying hardware
Width x Height x Depth	600 x 260 x 390 mm (25.98 x 10.23 x 15.35 in)
Weight	18.1 kg (39.9 lbs)

ULTRA-EFFECTIVE ACOUSTIC DEISGN

Compact & Lightweight

VIO L208 is a 2-way active line array system equipped with 2x 8” neodymium woofers and 1x 1.4” neodymium compression driver (3” voice coil). Everything enclosed in a sturdy wooden cabinet.







The front panel

The transducers are positioned behind an all-in-one panel which acts as a phase-plug and a HF horn. The waveguide behind this panel contributes to the creation of a cylindrical wavefront, much to the advantage of hi-freq throw distance

Transport & Installation Accessories

DT-VIOL208



Touring cart for 4 VIO L208 modules and a DRK-208 flybar.



DRK-208



Flybar for VIO L208.

DSA-VIOL208



Groundstack adapter for VIO L208 on VIO S118 and S118R.

TF-VIO1



Transition frame for flying VIO L208 below VIO L210.

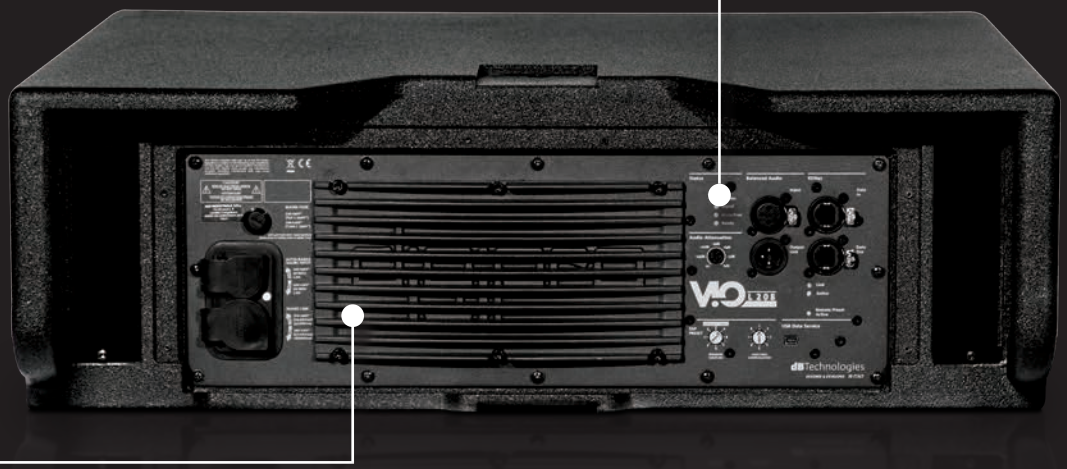
AF-VIO1



Adapter frame for flying VIO L208 below VIO S118 / VIO L210 and groundstacking VIO L208/L210 above any VIO sub.

FIR Filters

A perfectly coherent emission is granted thanks to advanced sound processing with FIR filters. The pre-amp module is also equipped with a digital optical isolation, guaranteeing interference-free input signal. VIO L210 features on board presets allowing users to process the system manually. Any preset can be easily changed remotely via Aurora Net control software.



Amplifier

Each module of VIO L208 is driven by a Class-D Digipro G3 900W amp module with auto-range PSU.

Raincover included

The amp module is always protected from rain thanks to the integrated raincover.



Cables

DAC-70	XLR-XLR audio cable (70 cm).
DCK-27T	Cable-Set containing 2x DAC-70 and 2x DPTC-70L.
DPTC-70L	PowerCON TRUE1-PowerCON TRUE1 power link cable (70cm).
DPTC-1000M	Mains PowerCON TRUE1 cable (10m). Different plugs available for several countries.
DPTC-2000M	Mains PowerCON TRUE1 cable (20m). 16A CekON
RDC-45F	RJ45 to XLR 3 poles female conversion cable, 6 cm length. The cable converts from RDNet RJ45 to XLRF.
RDC-45M	RJ45 to XLR 3 poles male conversion cable, 6 cm lenght. The cable converts from RDNet RJ45 to XLRM.
RJ45-RJ45-150	RJ45-RJ45 link cable (150cm) for RDNet speakers. EtherCON connectors.
RJ45-RJ45-75	RJ45-RJ45 link cable (75cm) for RDNet speakers. EtherCON connectors.

EASY RIGGING

The dedicated 3-point flying frame DRK-208 allows to set a precise inclination of the array and is ready to carry an optional inclinometer laser pointer. When not in use, the flybar can be easily stored in the transport cart.





HARDWARE & ACCESSORIES

AF-VIO1 accessory allows you to rig the module under a VIO S118 flyable subwoofer or, alternatively, to use VIO L208 as downfill in larger VIO L210 systems. The same accessory also serves as safety interface in stacked configuration on VIO subs.

A lighter accessory transition frame TF-VIO1 allows the installation of VIO L208 under flown VIO L210 only.



Just like larger VIO L210 system, VIO 208's wooden enclosure comes with a built-in rigging system made for simplicity and speed: a back central rigging strand allows to set the relative splay angles, directly in the dedicated transport cart DT-VIOL208, able to house 4 modules plus 1 flying bar. While lifting up the array, the rigging strand will automatically block the systems at the preset angles with no need for heavy lifting.