

Datasheet

VIO L212

3-Way Active Line Array Module
2x 1.4"/4x 6.5"/2x 12", 3200W RMS



VIO L212 is the first dBTechnologies' full scale line array module designed for large touring sound reinforcement applications, concurrently providing mighty output capability, optimized coverage behaviour, alongside with rapid and easily configurable rigging solutions. dBTechnologies was able to pack great sound pressure levels into one of the most compact and lightest active 2x12" line array systems.

Features

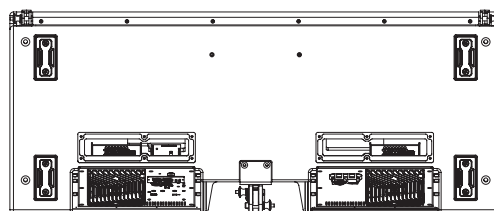
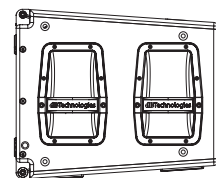
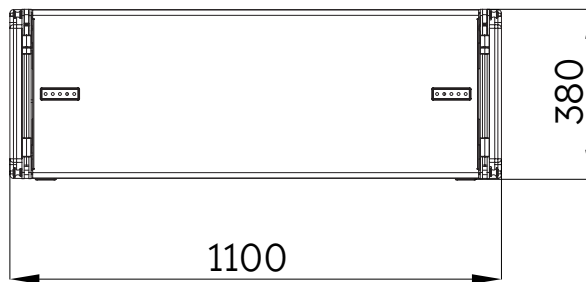
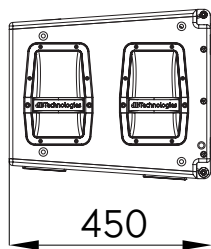
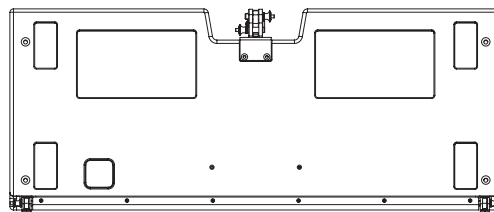
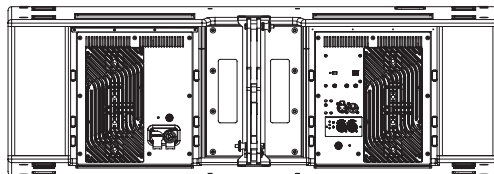
- 3-way active line array system
- 3200W RMS Digipro G4 amp technology
- Full range SMPS with PFC
- Horn-loaded midrange for improved acoustic efficiency and coverage accuracy
- Exclusively designed waveguide for maximum HF directivity control
- Advanced dsp featuring linear phase FIR filters
- Acoustic compatibility with VIO L210 used as down-fill
- Modular slot for network and digital audio expansion cards (RDNet card installed)
- NFC™ + front led identification system
- System test for quick transducers diagnostics
- IPOS intelligent power-on sequence
- Rubber magnetic raincover included
- Only 54.4 kg per module
- Built-in inclinometer

Speaker Type	3-Way Active Line Array Module
Usable Bandwidth [-6dB]	55 - 18.600 Hz
Max SPL	One Unit: 142 dB
HF	2x 1.4", 3" v.c. - Neodymium
MF	4x 6.5", 2" v.c. - Neodymium
LF	2x 12", 3" v.c. - Neodymium
Horizontal Directivity	90°
Vertical Directivity	depends on array size and configuration
Amplifier	3200 W RMS [2x 1600 W RMS Class-D Digipro® G4]
Cooling	Convection, Internal fan
Power Supply	Full-range SMPS with PFC (100V~240V~, 50-60Hz)
Controller	DSP 32 bit
AD/DA Converter	24 bit/96 kHz
Limiter	Dual Active Multiband Peak, RMS, Thermal
Processing (filters)	FIR Linear phase
Signal Input	1x XLR female, balanced 1x USB Data Service
Signal Output	1x XLR male, balanced
Power Socket	1x PowerCON TRUE1 In 1x PowerCON TRUE1 Out
Expansion card	RDNet Card (1x RJ45 IN 1x RJ45 Link) Dante Card [Optional]
Controls	1x Speaker Coupling (7 presets) 1x High pass filter Rotary Encoder (8 presets) 1x HF Compensation (8 presets) 1x System Test Button
Special Features	NFC™ and Frontal LED Identification System 380V Resistant SMPS IPOS Intelligent Power-On Sequence Opto-isolated floating pre-amp System Test (transducers diagnostics) Inclinometer
Housing	Multiplex plywood - Polyurea painting
Housing Design	Trapezoidal
Handles	4 x handles (2 on each side)
Rain cover	Included [Rubber magnetic]
Rigging Points	3 points rigging hardware
Width x Height x Depth	1100 x 380 x 450 mm (43.31 x 14.96 x 17.72 in)
Weight	54.4 kg (119.93 lbs)

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OVERALL DIMENSIONS



VIO L212

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TRANSPORT & INSTALLATION ACCESSORIES

DO-VIOL212



Dolly transport for one VIO L212.

DRK-212



Flybar for VIO L212. For flown and groundstacked configurations.

DT-VIOL212



Touring cart for 4 VIO L212 modules. [EKF-1 accessory for stack configurations not included].

DTT-VIOL212



Cover top for DT-VIO L212.

DT-DRK212



Touring cart for two DRK-212 flybars and cables storage.

EKF-1



Extension feet kit for stack configuration on DT-VIOL212.

TC-VIOL212



Transport cover for 4 VIO L212 on DT-VIOL212. Waterproof

TF-VIO2



Transition frame for flying VIO L210 below VIO L212.

CABLES

DAC-100	XLR-XLR audio cable (100 cm).
DAC-500	XLR-XLR audio cable (500 cm).
DPTC-100L	PowerCON TRUE1-PowerCON TRUE1 power link cable (100cm).
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 XLR.
RDC-45M	RJ45 to XLR 3 poles male conversion cable, 6 cm length. The cable converts from RDNet RJ45 to XLR.
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.
CAT6-CAT6-100	CAT6-CAT6 link cable (100cm) for DANTE™ AoIP and RDNet. EtherCON connectors.
CAT6-CAT6-170	CAT6-CAT6 link cable (170cm) for DANTE™ AoIP and RDNet. EtherCON connectors.
CAT6-CAT6-500	CAT6-CAT6 link cable (500cm) for DANTE™ AoIP and RDNet. EtherCON connectors.