

# 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

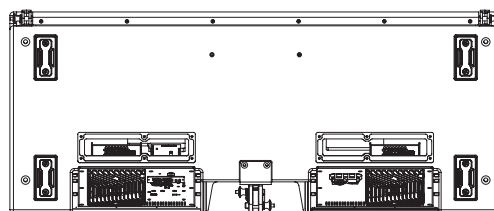
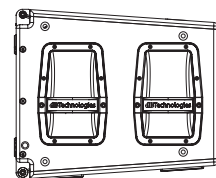
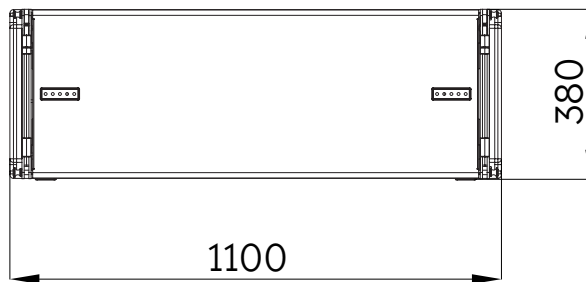
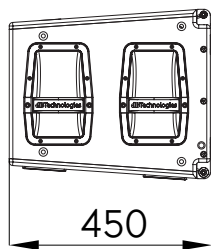
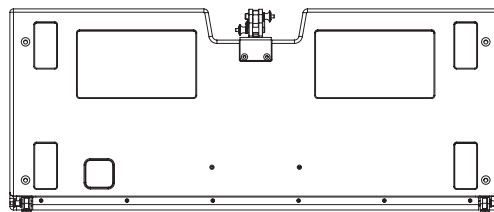
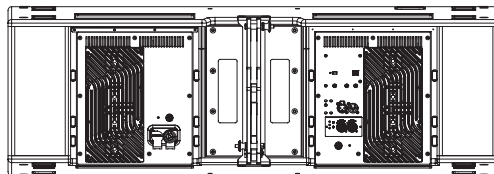
- 3-way active line array system
- 3200W RMS Digipro G4 amp technology
- Full range SMPS with PFC
- Horn-loaded midrange for improved acoustic efficiency and coverage accuracy
- Exclusively designed waveguide for maximum HF directivity control
- Advanced dsp featuring linear phase FIR filters
- Acoustic 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

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

# VIO L212

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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



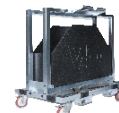
Touring cart for 4 VIO L212 modules. [EKF-1 accessory for stack configurations not included].

#### 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

<b>DAC-100</b>	XLR-XLR audio cable (100 cm).
<b>DAC-500</b>	XLR-XLR audio cable (500 cm).
<b>DPTC-100L</b>	PowerCON TRUE1-PowerCON TRUE1 power link cable (100cm).
<b>DPTC-1000M</b>	Mains PowerCON TRUE1 cable (10m). Different plugs available for several countries.
<b>DPTC-2000M</b>	Mains PowerCON TRUE1 cable (20m). 16A CekON.
<b>RDC-45F</b>	RJ45 to XLR 3 poles female conversion cable, 6 cm length. The cable converts from RDNet RJ45 to XLR.
<b>RDC-45M</b>	RJ45 to XLR 3 poles male conversion cable, 6 cm length. The cable converts from RDNet RJ45 to XLR.
<b>RJ45-RJ45-150</b>	RJ45-RJ45 link cable (150cm) for RDNet speakers. EtherCON connectors.
<b>RJ45-RJ45-75</b>	RJ45-RJ45 link cable (75cm) for RDNet speakers. EtherCON connectors.
<b>CAT6-CAT6-100</b>	CAT6-CAT6 link cable (100cm) for DANTE™ AoIP and RDNet. EtherCON connectors.
<b>CAT6-CAT6-170</b>	CAT6-CAT6 link cable (170cm) for DANTE™ AoIP and RDNet. EtherCON connectors.
<b>CAT6-CAT6-500</b>	CAT6-CAT6 link cable (500cm) for DANTE™ AoIP and RDNet. EtherCON connectors.