

# Datasheet VIO S218

Active Bassreflex Subwoofer  
2x 18", 3200W RMS



The perfect partner for VIO L212 in larger sound reinforcement applications. A simple, effective dual sub configuration designed to enhance the reproduction of the lowest frequencies, boosted by an advanced DSP control and complete network capability. Featuring a dual 18" subwoofer pairing in a voluminous bass-reflex housing, VIO S218 encompasses a vigorous audio performance and a ultra low frequency punch, extending down to 28 Hz: the perfect bottom end addition to large VIO L212 sound reinforcement systems.

## Features

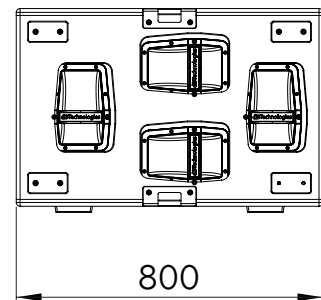
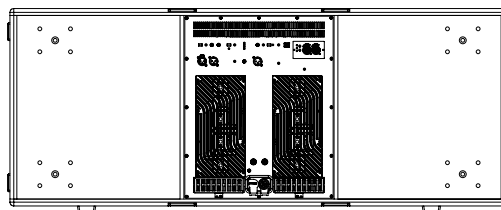
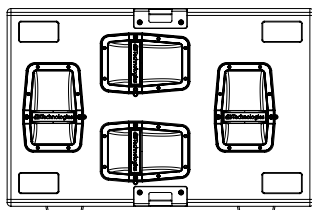
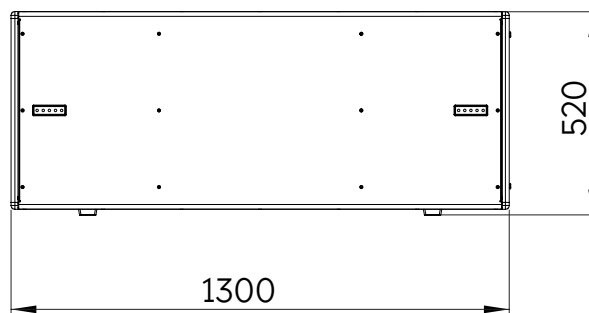
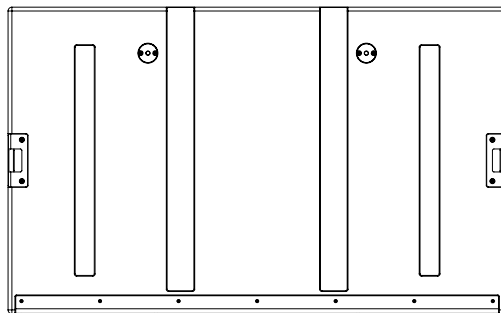
- 2x 18" neodymium woofers
- 3200W RMS digipro G4 amp technology
- Full range smps with PFC
- SMPS 380v resistant
- frequency range extending down to 28 Hz (-6db)
- opto-isolated floating preamp board
- modular slot for network and digital audio expansion cards
- on board delay up to 9.9ms
- cardioid stack preset button
- NFC™ + front led identification system
- system test for quick transducers diagnostics
- IPOS intelligent power-on sequence
- full compatibility with VIO S318 accessories
- RDNet card installed

<b>Speaker Type</b>	Active Bassreflex Subwoofer
<b>Usable Bandwidth [-10dB]</b>	27 Hz (HPF)
<b>Frequency Response [-6dB]</b>	28 Hz to cut frequency (Xover dependent)
<b>Max SPL</b>	143 dB
<b>LF</b>	2x 18" Neodymium
<b>Voice Coil LF</b>	4"
<b>Directivity</b>	Omnidirectional
<b>Amplifier</b>	3200 W RMS [2x 1600 W RMS Class-D Digipro® G4]
<b>Cooling</b>	Passive 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>Limiters</b>	Peak, RMS, Thermal
<b>Delay Option</b>	0 - 9.9 ms internal   steps of 0.1 ms [on-board]
<b>Xover Frequency LF-Xover out</b>	Selectable 60-110 Hz + Full Range (8 steps)
<b>LF-Xover out slope</b>	24 dB/Octave
<b>Signal Input</b>	1x XLR balanced 1x USB Data Service
<b>Signal Output</b>	1x XLR 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 Input Attenuation Rotary Encoder 2x Delay Rotary Encoder (0-9.9 ms) 1x Polarity Inversion Switch (0° or 180°) 1x Cardioid mode Switch 1x X-Over Frequency Rotary Encoder (8 steps)
<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)
<b>Housing</b>	Multiplex plywood - Polyurea painting
<b>Additional Features</b>	4x Eyelets for ratchet straps
<b>Handles</b>	4x Side. Aluminium
<b>Rain cover</b>	Included
<b>Rigging Points</b>	2x Pick Points on top for DRK-210 rigging frame
<b>Width x Height x Depth</b>	1300 x 520 x 800 mm (51.18 x 20.47 x 31.5 in)
<b>Weight</b>	85.6 kg (188.72 lbs)

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### OVERALL DIMENSIONS

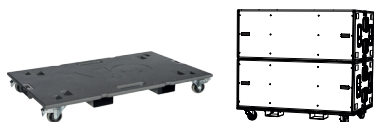


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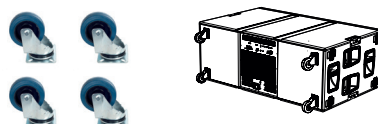
### TRANSPORT & INSTALLATION ACCESSORIES

#### DO-VIOS218



Dolly for up to 3x VIO S218 stacked horizontally (wheels included).

#### SWK-18 KIT



Kit consisting of 4 wheels for VIO S318 / VIO S218 back panel.

### COVERS

#### FC-VIOS2



Functional Cover for 2 subs VIO S318 / VIO S218.

#### TC-VIOS2



Transport cover for 1 VIO S318 / VIO S218.

### CABLES

**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.

**DAC-70** XLR-XLR audio cable (70 cm).

**DAC-500** XLR-XLR audio cable (500 cm).

**DCK-27T** Cable-Set containing 2x DAC-70 and 2x DPTC-70L.

**DPTC-70L** PowerCON TRUE1-PowerCON TRUE1 power link cable (70cm).

**DPTC-160L** PowerCON TRUE1-PowerCON TRUE1 power link cable (160cm).

**DPTC-500L** PowerCON TRUE1-PowerCON TRUE1 power link cable (500cm).

**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.