

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 an ultra low frequency punch, extending down to 28 Hz: the perfect bottom end addition to large VIO L212 sound reinforcement systems.

Features

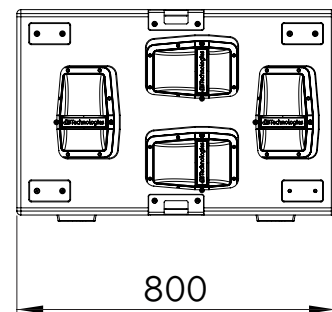
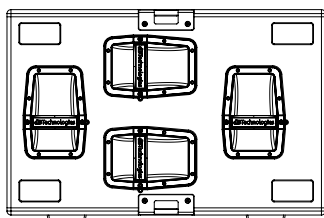
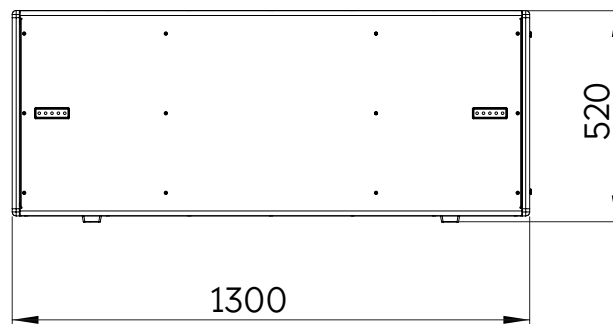
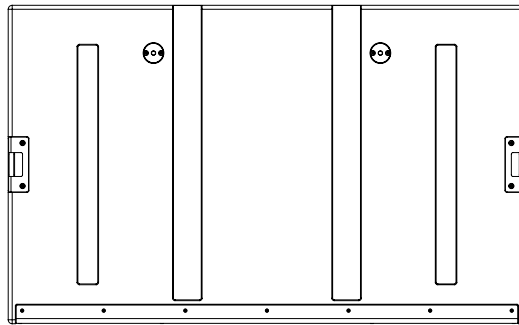
- 2x 18" neodymium woofers
- 3200W RMS digipro G4 amp technology
- Full range smps with PFC
- SMPS 380v resistant
- frequency range extending down to 28 Hz (-6db)
- opto-isolated floating preamp board
- modular slot for network and digital audio expansion cards
- on board delay up to 9.9ms
- cardioid 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

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

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OVERALL DIMENSIONS

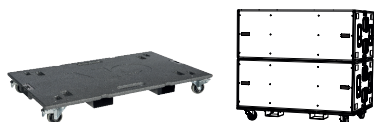


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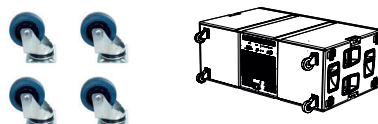
TRANSPORT & INSTALLATION ACCESSORIES

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 XLRF.
RDC-45M	RJ45 to XLR 3 poles male conversion cable, 6 cm length. 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.