



Datasheet

VIO S118R

Active Bassreflex Subwoofer
1x 18", 1600W RMS



Equipped with a 18" woofer (4" voice coil), this bass reflex sub has been crafted to complete with impressive low-end VIO line array systems. The front-loaded bass-reflex configuration ensures excellent performance at both close and mid-distance. While the ideal use is groundstacked in indoor venues it still can be used as a powerful stand-alone low-frequency extension for main VIO Line Array Systems for large audiences outdoor.

Features

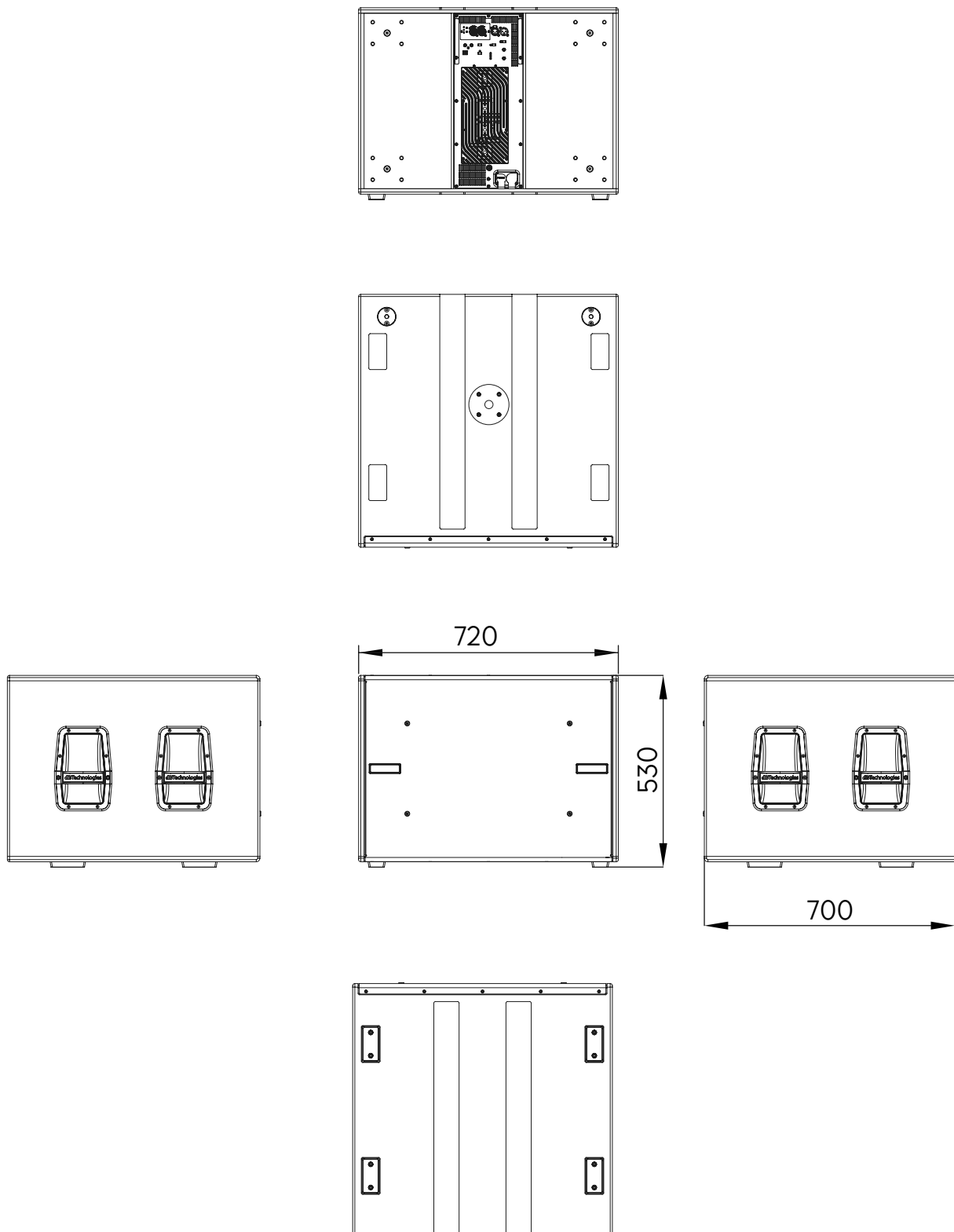
- last generation digipro G4 amp technology
- 1600W RMS amplifier
- SMPS with PFC
- system-test for quick diagnostics
- designed for maximum efficiency in the lower end
- on board delay for perfect time alignment
- on board cardioid array configuration preset
- modular slot for network and digital audio expansion cards (RDNet card installed)

Speaker Type	Active Bassreflex subwoofer
Usable Bandwidth [-10dB]	32 Hz (HPF)
Frequency Response [-6dB]	35 Hz to cut frequency (Xover dependent)
Max SPL	139 dB
LF	1x 18"
Voice Coil LF	4"
Directivity	Omnidirectional
Amplifier	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	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	1 x XLR balanced
Signal Output	1 x XLR balanced (link or X-over)
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 Switch 2x Delay Rotary Encoder (9.9 ms) 1x Polarity Inversion Switch (0° or 180°) 1x Cardioid Mode Switch 1x X-Over Freq Rotary Encoder (8 steps) 1x System Auto-test
Special Features	380V Resistant SMPS IPOS Intelligent Power-On Sequence Opto-isolated floating pre-amp System Test (transducers diagnostics)
Housing	Multiplex plywood - Polyurea painting
Handles	2x per Side, Aluminium
Pole Mount	M20 Thread
Rain cover	Included
Rigging Points	2x Pick Points on top to stack DRK-210
Width x Height x Depth	720 x 530 x 700 mm (28.34 x 20.86 x 27.56 in)
Weight	47 kg (103.62 lbs)

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OVERALL DIMENSIONS



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TRANSPORT & INSTALLATION ACCESSORIES

DO-VIOS118



Dolly for up to 3x VIO S118R / S118R

DSA-VIOL208



Groundstack adapter for VIO L208 on VIO S118 and S118R.

SWK-18 KIT



Kit consisting of 4 wheels for VIO S118R / VIO S218 / VIO S318 back panel.

COVERS

FC-VIOS1



Functional cover for 2 VIO S118R / VIO S118.

TC-VIOS1



Transport cover for VIO S118R.

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.