



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

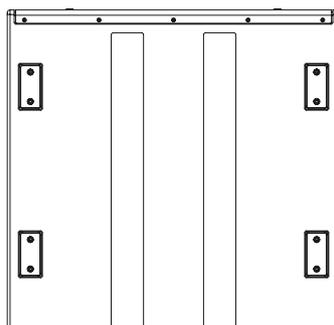
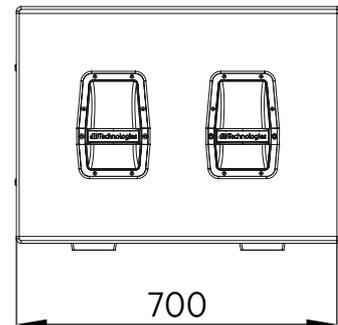
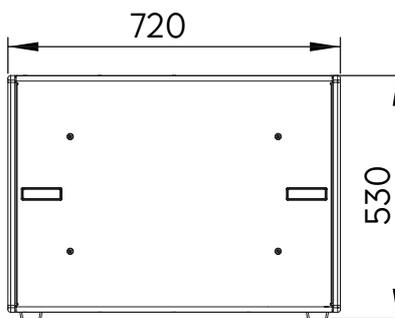
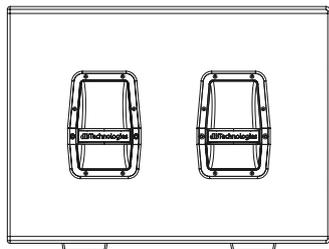
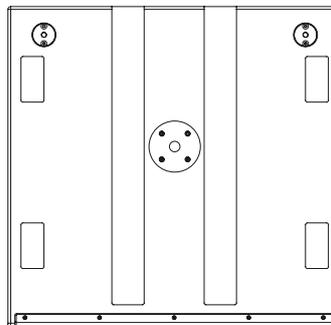
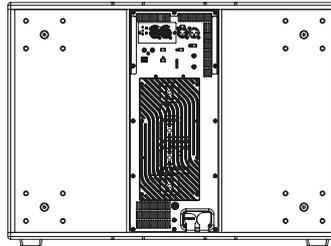
- last generation digipro G4 amp technology
- 1600W RMS amplifier
- SMPS with PFC
- system-test for quick diagnostics
- designed for maximum efficiency in the lower end
- on board delay for perfect time alignment
- on board cardioid array configuration preset
- modular slot for network and digital audio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

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|-------------------------------------|--|
| 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 S118 / 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

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|----------------------|---|
| 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. |