



Spec Sheet

DVA S20 DP

Active Bass-Reflex Subwoofer
2x18", 2000W RMS 



Applications

- Sound reinforcement for mid-large size venues
- Stacked subwoofer as part of DVA line array systems
- Part of a cardioid setup to control low-frequency coverage on stage or in the audience area

Features

- Active Bass-Reflex Subwoofer
- 2000W Class-D Digipro® amplifier
- Switch Mode Power Supply with PFC
- Crossover frequency LF-HF: 90 - 120 Hz
- Switched Mode Power Supply with PFC
- Optional SDD delay module for 0.01 to 99.9 ms delay
- Pick points for DRK10/20 rigging frames

Description

Featuring a dual 18" woofers pairing in a bass reflex housing, DVA S20 DP delivers powerful performance, rendering frequencies as low as 25 hertz assertively and with impressive authority.

It is the perfect sub-bass provider for DVA S10/ T4 systems and an excellent complement to DVA T4 mid-high range units in stacked arrays.

It is driven by two 1000W RMS Digipro® modules, whose technology is so very efficient that they do not require fans. With no moving

parts to tend to, these amps are altogether maintenance-free.

They are also equipped with PFC switched-mode power supplies, immune from line voltage fluctuations, which are tremendous asset in a touring rig.

Thanks to the integrated Quick-Release Pins, both DRK-10 and DRK-20 frames can be easily mounted to set up a ground-stacked system.

A cardioid setup including the SDD module and three DVA S20 DP subwoofers on each side keeps levels down on stage and affords you far greater control over low-frequency coverage in the audience area.

Never before has this innovative solution – which until today required much greater effort and more elaborate gear – been so easy to achieve with such professional results.

Made of sturdy multiplex birch plywood covered in robust black textured lacquer, the subwoofer housing is fronted with a rugged speaker grille. The enclosure is easy to tote with its comfortable carrying handles (4 x side).

On the back there are 16 threaded bushings, which make the DVA S20 DP ready to accept Blue Wheels.

Optional dust and rain covers protect it on the go.

DVA S20 DP

Technical Specifications

System Specifications

Speaker Type	Active Bass-Reflex Subwoofer
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Acoustical Data

Frequency Response	[+/- 3dB]	25 - 120 Hz
Max SPL		138 dB
Directivity		Omnidirectional, Cardioid Option with SDD Module
LF		2x18"
Voice Coil LF		4"

Amplifier

Amp Technology	Digipro®
Amp Class	Class D
RMS Power	2000W
Peak Power	4000W
Cooling	Convection
Power Connections	Powercon® input (blue)

Processor

Controller	Analogue
Limiter	RMS, Peak, Thermal
Delay Option	SDD Module
Crossover Frequency LF-MF	90, 120 Hz
LF-Xover out slope	24 dB/Octave

Control Panel

Inputs	1 x XLR (Audio Input)
Controls	1 x Subwoofer Level rotary 1 x Xover Frequency switch (90-120Hz) 1 x Phase switch (0° - 180°) 3 x Rotary switch combination for delay time ranging from 0.01 to 99.9 ms (SDD card only)
Outputs	1x XLR (Audio Link Out) 1x XLR (Xover Out) 1x XLR (Subwoofer Delayed Out) – SDD card only

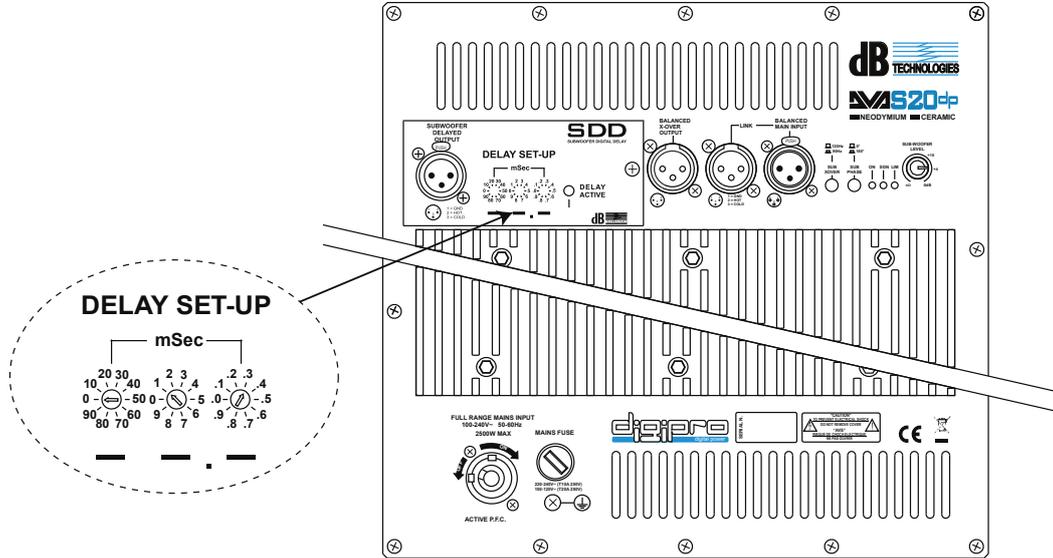
Mechanics

Housing	Multiplex birch plywood
Housing Design	Rectangular
Handles	4x Per Side
Rigging Points	2xPick Points on top to fix DRK10/20 rigging frames
Dimensions (WxHxD)	1100 x 580 x 720 mm 43.31 x 22.83 x 28.35 in
Weight	84 kg 185.19 lbs.

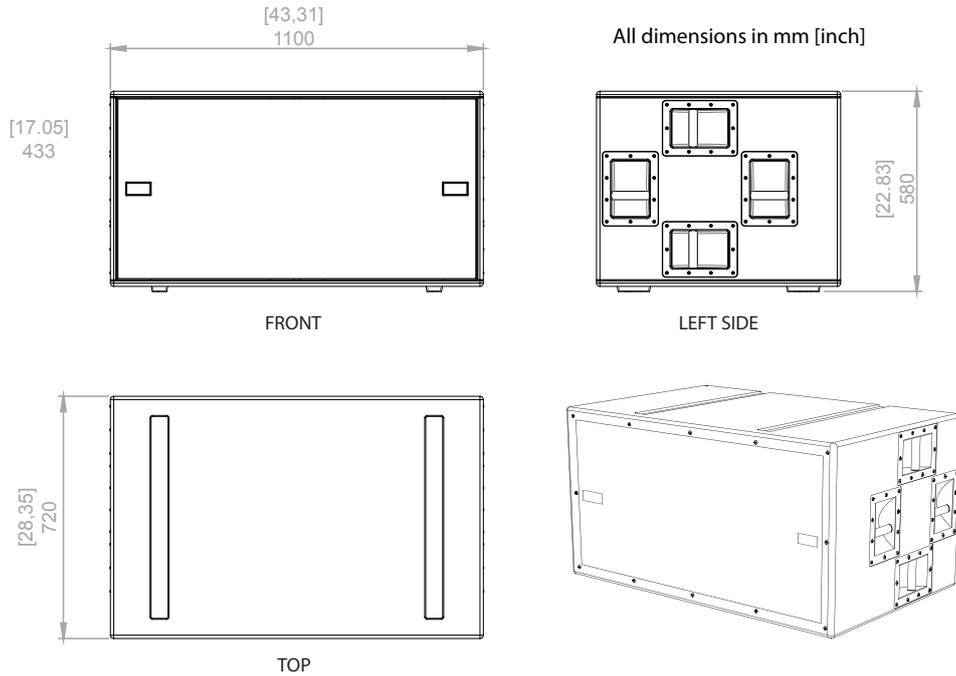
DVA S20 DP

Technical Specifications

Back Panel



Overall Dimensions



Accessories

DRK-10	Fly bar for DVA systems. Designed to hang up to a maximum weight of 250 Kg
DRK-20	Fly bar for DVA systems. Designed to hang up to a maximum weight of 1800 kg
DWK 20	Kit of 4-wheel
SDD Delay	Digital delay module for S10 DP and S20 DP subs
TC 20S	Tour cover for DVA S20 DP

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dB Technologies products are continually improved. All specifications are therefore subject to change without notice.