




# Spec Sheet

## DVA S10 DP

Active Bandpass Subwoofer  
18", 1000W 



### Applications

- Sound reinforcement for mid-large size venues
- Flown 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 Bandpass Subwoofer
- 1000W Class-D Digipro amplifier
- Crossover frequency LF-HF: 90 - 120 Hz
- Switched Mode Power Supply with PFC
- Optional SDD delay module
- Rigging points for DSRK10 fly kit
- Pick points on top for DRK10/20 rigging frames

### Description

The active bandpass subwoofer DVA S10 DP feature a single 18" woofer with a 4" voice coil of the newest generation.

It is driven by a 1000W RMS digipro power amp, whose technology is so very efficient that it does not require fans. With no moving parts to tend to, these amps are altogether maintenance-free.

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

Using the optionally available flyware, up to two DVA S10 DP can be flown mounted to the DRK-10 rigging kit.

Furthermore the DVA S10 DP can be used as a compact PA system together with - for instance - 3 x DVA T8 on a speaker pole or 2 x DVA S10 DP and 4 - 6 DVA T4 as a Groundstack.

A cardioid setup including the SDD module and two or three DVA S10 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 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 (3 x side).

On the back there are 16 threaded bushings, which make the DVA S10 DP ready to accept Blue Wheels.

Optional dust and rain covers protect it on the go.

# DVA S10 DP

## Technical Specifications

### System Specifications

Speaker Type		Active Bandpass Subwoofer
Max SPL		136 dB
Frequency Response	(-3 dB)	40Hz - 150 Hz
Directivity		Omnidirectional, Cardioid Option with SDD Module
Drivers		1 x 18" woofer - 4" voice coil
Inputs		1 x XLR (Balanced Main Input)
Input Sensitivity	Nominal	0 dBu
Controls		1 x Subwoofer Level rotary 1 x Xover Frequency switch (90 Hz - 120 Hz) 1 x Phase switch (0° - 180°)
Outputs		1 x XLR (Balanced Link Out) 1 x XLR (Balanced X-over Out)

### Amplifier

Amplifier technology		Digipro®
Amp Class		Class-D
RMS Power		1000 W
Power supply		1000W SMPS with PFC
Cooling		Convection
Power Connections		Mains Input (Powercon® blue) Mains Link Output (Powercon® grey)

### Processor

Controller		Analog
Phase		0°, 180°
Limiter		RMS, Peak, Thermal
Delay option		SDD Module (delay from 0.01 ms to 99.5 ms)
Crossover frequency	LF-HF	90-120 Hz
LF-Xover out slope		24 dB/Octave

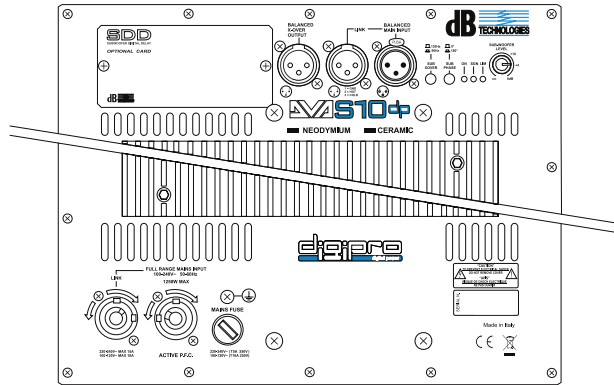
### Mechanics

Enclosure	Box Housing Design	Multiplex plywood Rectangular
Color		Black, White
Handles		3 x per side
Pole Mount		1 x M20
Rigging Points		Integrated for SRK10 fly kit 2 x Pick Points on top to fix DRK10/20 rigging frames
Accessories		Wheels 100 mm, Dust Cover, Rain Cover
Dimensions (W x H x D)		515 x 640 x 720 mm (20.6 x 25.6 x 28.8 in)
Weight		48 kg (105.82 lbs.)

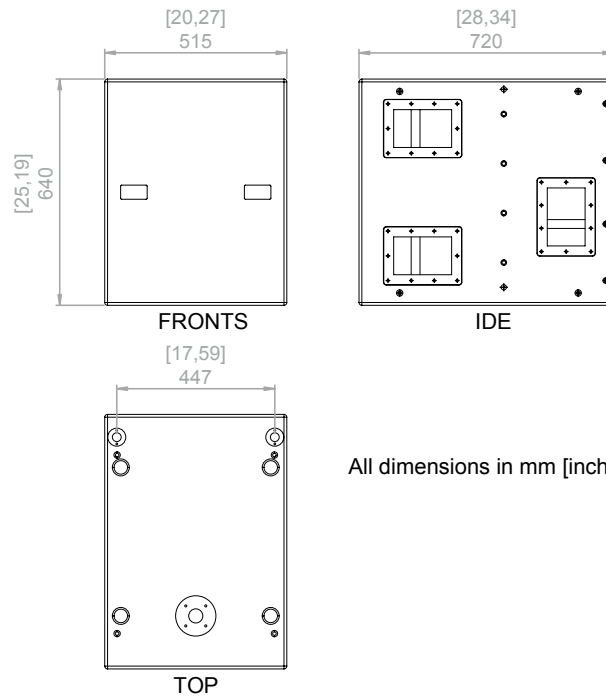
# DVA S10 DP

## Technical Specifications

### Rear Panel



### Overall Dimensions



### Accessories

AFL 05	Powercon-Powercon link cable. 1,5m length
DRP S10	Rain Cover for DVA S10 DP
TC 10S	Padded cover to transport DVA S10 DP and S1518N
SDD Delay	Digital delay module for S10 DP and S20 DP subs
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
DRK-20M	Motorized fly bar for DVA systems with RDNet control. Maximum weight of 1000 kg
DS 2	Pole Mount 35mm, adjustable, M20 thread
DS2-5	Pole Mount M20 thread, 20cm length
SRK-10	Optional hardware kit to hang up DVA S10 DP to DRK-10 or DRK-20 flybars
DWK 20	Kit of 4-wheel

[info@dbtechnologies.com](mailto:info@dbtechnologies.com) [www.dbtechnologies.com](http://www.dbtechnologies.com)

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