



Spec Sheet

DVX PSW18

Passive Subwoofer
18" 1000W RMS - 8ohm

Applications

- Low Frequency Enhancement in medium to large sized venues
- Live sound for rental application
- Portable PA, clubs, ballrooms, houses of worship, corporate AV, live theatres

Features

- Passive Subwoofer
- 134 dB maximum sound pressure level
- 18" woofer with 4" voice coil
- Response down to 28 Hz
- Rectangular box enclosure with 1.5mm protective metal grille
- M20 pole mount plate on top
- Plywood cabinet with black, heavy duty, paint
- Four lateral handles housing

Description

DVX Passive series combines dBTechnologies knowledge-based engineering, gained through years of innovative products especially in active speaker and subwoofer segments, to passive systems users' needs. Up-to-speed transducer technology combined with compact dimensions, lightweight and a sturdy construction, place DVX P series among dBTechnologies high-end loudspeakers.

Its line-up is composed by four full-range 2-way passive speakers (DVX P8, P10, P12, P15) and three passive subwoofers (DVX PSW15, PSW18 and PSW218), making this series very complete and suitable for any application where great performance and high-definition audio are needed.

DVX PSW18 is a compact, high-output, passive

subwoofer equipped with 18" precision woofer (4" voice coil). The system is able to produce a Maximum SPL of 134 dB and handles 2000 Watts peak power on 8 ohms. The crossover frequency must be always handled by a loudspeaker management systems like dBTechnologies AC26N digital audio controller.

The DVX PSW18 cabinet is designed to achieve tight and maximized output and ensures an efficient acoustic response down to 28 Hz, resulting in a fast and controlled reproduction of the bass frequency range. Not only, but combined with its compact dimensions, light weight and sturdy construction, it is rightfully placed among dBTechnologies high-end passive loudspeakers.

The plywood enclosure is painted with black, heavy-duty paint, which ensures a high resistance to scratches and - in general - to the rigors of touring environment. A strong 1.5mm metal grille protects its front panel and four side handles housing help to easily transport this sub.

On top part of the box there are recesses for making it easier to stack DVX 2-ways speakers or another subwoofer on it. There is also a M20 pole mount plate, which allows overlying any speaker with 36mm hole by using the optional DS2-S accessory (pole mount adaptor, M20 thread, 20cm length).

Finally, the rear panel features two Neutrik Speakon™ connectors in a recessed input plate for wiring in complete safety, and on each corner there is a set of holes as wheels predisposition (DWK 20 accessory, set of 4 wheels, optional).

Combining the DVX PSW18 with DVX full-range passive speakers, HPA Power amplifiers and AC26N loudspeaker processor you can easily create premium quality, high performance and absolute reliability sound reinforcement systems.

DVX PSW18

Technical Specifications

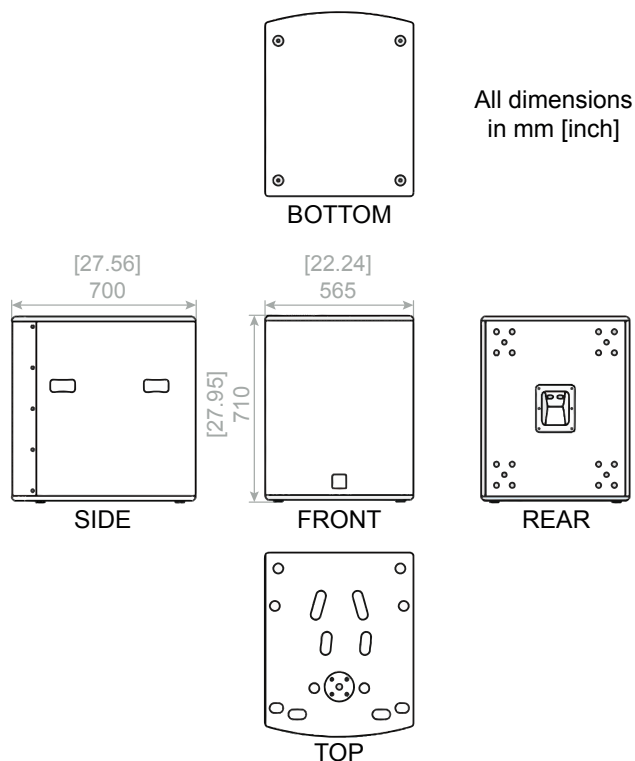
Acoustical Data

| | | |
|--------------------|-------------------------|----------------------------|
| Speaker Type | Passive Subwoofer | |
| Frequency Response | [- 10dB] [- 6dB] | 28 - 200 Hz 32 - 200 Hz |
| Max SPL | 134 dB | |
| RMS / Peak Power | 1000W / 2000W | |
| LF | 18", 4" voice coil | |
| Impedence | 8 ohm | |
| Audio connector | 2 x SPEAKON In parallel | |

Mechanics

| | | |
|-------------------|--|--|
| Housing | Plywood, black | |
| Front Grille | 1.5mm perforated metal grille | |
| Pole Mount PLate | M20 (aluminum) | |
| Handles | 4 x housing (2 x side) | |
| Dimension (WxHxD) | 565 x 710 x 700 mm - 22.2 x 27.9 x 27.5 in | |
| Weight | 44.1 Kg - 97.2 lbs. | |

Overall Dimensions



Accessories

| | |
|--------|------------------------------------|
| DWK 20 | Set of 4 wheels |
| DS 2 | Pole Mount M20 thread, adjustable |
| DS2-5 | Pole Mount M20 thread, 20cm length |

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