

# Perform

## PS-800

Passive high performance subwoofer, single 18",  
1000 W, cutoff-frequency: 33 Hz, 590 × 600 × 710



# Perform PS-800

The PS-800 is a powerful and flexible 18" subwoofer from the Perform series. The passive sub with direct dispersion and vented enclosure is the perfect complement to the Focus Venue modules and the PT-70 speaker as well as for tops from the X Series. In conjunction with the DSP-driven DI amplifiers, it provides precise and powerful sound for concert halls, clubs, stadiums and open-air events. The PS-800 is perfectly suitable for horizontal, vertical or end fired sub-arrays, but also for cardioid setups.



## Main features

- 18" long excursion driver with 4" voice coil
- Nominal power rating: 1000 W
- SPL max.: 136 dB
- Cut-off frequency: 33 Hz
- High-quality multiplex birch plywood enclosure with textured paint
- Optional scratch-proof PU coating and water-resistant membrane impregnation
- 2 × Speakon ports each at front and backside for cardioid operation
- 2 × steel reinforced slots for optional rigging mechanics (Fohhn Interlock System)
- M20 thread for distance rod
- Versatile accessories such as transport cover, front lid and dolly
- Attention: The loudspeaker can be operated with Fohhn system amplifiers and the correct speaker preset only.



Available with the following color options



Black

Equipped with the following Fohhn technologies



Flyable product



Fohhn Interlock System

# Technical data

## Electroacoustic features

acoustic design	direct radiating, vented design
power rating (nominal)	1000 watts
components	18" long excursion driver, 4" voice coil, water resistant cone
maximum SPL	136 dB
cut-off frequency	33 Hz
nominal impedance	8 ohms

## physical features

enclosure	multiplex birch plywood
protection grille	hexagonal perforated steel grille, powder-coated in enclosure colour, backed by acoustically transparent foam
weight	55/51 kg with/without flying tracks
finish	textured paint, black
handles	2 handles on each side
transport wheels	2 × fitting for optional wheel-board
miscellaneous	4 × rubber skid on bottom, 2 × matching slot on top, 1 × fitting for cable strain relief on rear panel
mounting points	1 × M20 thread for distance rod, 2 × slot for flying tracks, 2 × catch for optional front lid
connectors	rear: 2 × Neutrik NL4 Speakon, recessed front: 2 × Neutrik NL4 Speakono for cardioid setups
dimensions (W × H × D)	590 × 600 × 710 mm

## Optional features

optional weather protection	polyurethane coating, water-repellent speaker cone impregnation
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## CAAD simulation data

simulation data	Fohhn Designer
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power rating (nominal/program): according to IEC-60268-5 (long term/short term)

power rating (peak); maximum SPL: peak, 20 ms with bandpass filtered pink noise signal according to IEC 60268-2 at one octave above the lower limit of the frequency range

weight: net weight without optional equipment

cut-off frequency: -10 dB under anechoic halfspace-conditions with speaker preset

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