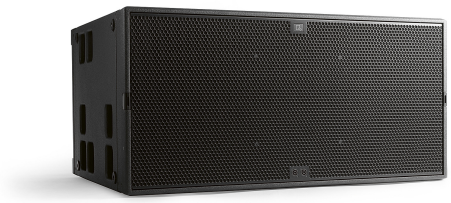
Fohhn
colors of sound

Datasheet

Perform PS-850

Perform PS-850



The PS-850 is a powerful and flexible double 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. 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-850 is perfectly suitable for horizontal, vertical or end fired sub-arrays, but also for cardioid setups.

- 2 × 18" long excursion driver with 4" voice coil
- Water-resistant cones
- Nominal power rating: 2000 W
- SPL max.: 142 dB
- Cut-off frequency: 27 Hz
- High-quality multiplex birch plywood enclosure with scratch-proof PU coating
- 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

Weather-resistance possible

For detailed information about all Fohhn technologies, color options and connections, please visit **www.fohhn.com/en/technologies**

Technical data

Electroacoustic features	
acoustic design	direct radiating, vented design, NTP (Non-Turbulent-Port design)
power rating (nominal)	2000 watts
components	2 × 18" long excursion chassis with 4" voice coil, water-resistant cones
maximum SPL	142 dB
cut-off frequency	27 Hz
nominal impedance	4 ohms

Physical features	
enclosure	multiplex birch plywood
connectors	rear: 2 × Neutrik NL4 Speakon, recessed front: 2 × Neutrik NL4 Speakon, for cardioid setups
dimensions (w × h × d)	1200 × 600 × 900 mm
weight	120/110 kg with/without rigging system
finish	polyurethane coating, black
handles	4 handles on each side
transport wheels	2 fittings for optional wheel board
miscellaneous	2 rubber skids on bottom, 2 mating slots on top, 4 rubber feet on each side, 1 fitting for cable strain relief on rear panel
protection grille	hexagonal perforated steel grille, powder coated in enclosure colour, backed by acoustically transparent foam
mounting points	1 × M20 thread for distance rod, 4 × slot for rigging system, 2 × catches for front panels

Optional features	
optional weather protection	polyurethane coating, water-repellent speaker cone impregnation

CAAD simulation data	
simulation data	CLF, Fohhn Designer

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, with speaker preset
weight: net weight without optional equipment
cut-off frequency: -10 dB under anechoic halfspace-conditions with speaker preset

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Engineered and made in Germany

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Document version: 2026-01-29 12:01:53