

Perform

PT-70

Passive high performance fullrange speaker, 2 × 12" / 1.4", 900 W, 52 Hz – 20 kHz, 400 × 800 × 450 mm



Perform PT-70



The PT-70 is an exceptionally powerful passive loudspeaker from the Perform series. Thanks to Fohhn CDT, it can be switched between cardioid and vented operation.

It can be used as the main sound system in clubs or at concerts or as nearfill for larger systems. It is also perfectly suitable for fixed installations in larger halls and stadiums. In combination with the PS-800 and PS-850 subs from the Perform series, the loudspeaker delivers excellent results.

Main features

- 2 × 12" driver in compression chamber, 1.4" compression driver on CD horn
- Switchable to cardioid via slider on the back of the enclosure
- Two variants: 90° or 60° horizontal sound dispersion
- 900 W nominal power rating
- 140 dB maximum SPL
- Crossover with IPC high frequency protection
- Effective side lobe suppression through a midrange waveguide
- Effective reduction of backward sound emissions in cardioid mode up to 23 dB
- Supplied as standard with weatherproof PU coating and membrane impregnation
- 2 × flying hardware for Quicklock brackets and AEROQUIP flying tracks, 2 × eyelets for safety
- Wide range of accessories available
- 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



Convertible Dispersion Technology



Special colors optional



Pole operated



Ball impact resistant

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

Technical data

Electroacoustic features

acoustic design	horn-loaded passive speaker system, 2-way, vented, CDT (Convertible Dispersion Technology – switchable between cardioid and vented operation), sidelobe suppression by means of a midrange-waveguide
power rating (nominal)	900 watts
power rating (program)	1800 watts
power rating (peak)	3600 watts
components	2 × 12" long excursion speakers working in compression chamber and horn, 1.4" compression driver on CD horn with self-resetting IPC-HF protection, neodymium magnets
maximum SPL	140 dB
frequency range	52 Hz – 20 kHz
nominal impedance	4 ohms
nominal dispersion (h × v)	90° × 50° or 60° × 50°

Physical features

enclosure	multiplex birch plywood, reinforced with steel braces
connectors	2 × Neutrik NL4 Speakon
dimensions (w × h × d)	400 × 800 × 450 mm
weight	approx. 39 kg
standard colours	polyurethane coating, black
handles	1 per side
front design	hexagonally perforated steel grille, backed by acoustically transparent foam
protection grille	steel grille, ball impact resistant, powder-coated
mounting points	2 × suspension rail for Quicklock flying bracket and AEROQUIP rigging hardware, 2 × eyebolt for safety

Optional features

optional colours	RAL Classic / NCS / Pantone on request
optional weather protection	water-repellent speaker cone impregnation
transport cover	yes

CAAD simulation data

simulation data	EASE, Ulysses, 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, with speaker preset

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

weight: net weight without optional equipment

Intelligent Protection Circuit (IPC): voltage-controlled semiconductor circuit protecting the HF-driver against overload highly effective and with very short attack time

nominal dispersion: -6 dB compared to the main dispersion axis

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