

Product Detail Page



SPH-145HQ

Number: 10.1420

High-quality hi-fi speakers for highest sound requirements. The well-known and successful speakers of the SPH series and MSH series are now available with innovative diecast aluminium baskets, rear-ventilated centering spiders and optimised parameters.

High-quality hi-fi bass-midrange speaker, 100 W_{MAX}, 50 W_{RMS}, 8 Ω

- 130 mm (5 1/2") bass-midrange speaker
- Further development of the classic speaker SPH-130
- Diecast basket
- Rear-ventilated centering spider and drilled pole core for minimum mechanical loss
- High-quality, low-resonance paper cone
- Low-loss rubber surround
- Wide and linear radiation range
- Ideally suited in 2-way systems, D'Appolito arrangements and as a midrange system in large column speakers

Technical Facts

Impedance (Z)	8 Ω
Resonant frequency (fs)	52 Hz
Max. frequency range	f3-6,000 Hz
Music power	100 W _{MAX}
Power rating (P)	50 W _{RMS}
SPL (1 W/m)	88 dB
Suspension compl. (Cms)	1.05 mm/N
Moving mass (Mms)	7.6 g
Mech. Q factor (Qms)	3.07
Electr. Q factor (Qes)	0.51
Total Q factor (Qts)	0.44
Equivalent volume (Vas)	9.4 l
DC resistance (Re)	5.8 Ω
Force factor (BxL)	5.33 Tm
Voice coil induct. (Le)	0.53 mH
Voice coil diameter	Ø 25 mm
Voice coil former	aluminium
Linear excursion (XMAX)	± 3.5 mm
Eff. cone area (Sd)	80 cm ²



Magnet weight

230 g

Weight

0.73 kg

