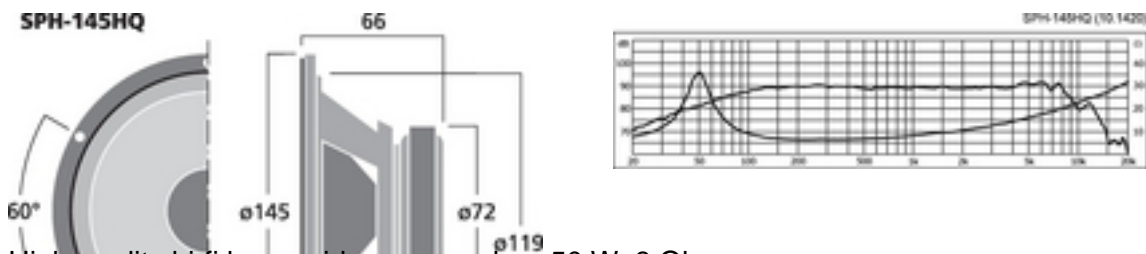


## SPH-145HQ - HiFi Woofer



High-quality hi-fi bass-midrange speaker, 50 W, 8 Ohm

- 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
- Ideal for 2-way systems, D'Appolito arrangements and as a midrange system in large column speakers

## Technical data:

Impedance (Z)	: 8 Ohm
Transmission technology	: -
Frequency range	: f3-6,000 Hz
Resonant frequency (fs)	: 52 Hz
Rec. crossov. frequ. (fmax.) (12 dB/oct.)	: -
Power rating (RMS)	: 50 W
Peak music power output (MAX)	: 100 W
SPL	: 88 dB/W/m
Max. rated SPL	: -
Max. voltage	: -
Radiation angle	: -
Radiation angle, horizontal	: -
Radiation angle, vertical	: -
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 Ohm
Force factor (BxL)	: 5.33 Tm
Voice coil induct. (Le)	: 0.53 mH
Voice coil diameter	: $\tilde{A}$ 25 mm
Voice coil former	: aluminium
Linear excursion (X <sub>MAX</sub> )	: $\pm$ 3.5 mm
Eff. cone area (Sd)	: 80 cm <sup>2</sup>
Magnet weight	: 230 g
Magnet diameter	: $\tilde{A}$ 72 mm
Mounting cutout	: $\tilde{A}$ 119 mm
Mounting depth	: 60 mm
Mounting hole diameter	: $\tilde{A}$ 118 mm
Hole spacing X-axis	: -
Hole spacing Y-axis	: -
Dimensions	: $\tilde{A}$ 145 mm x 66 mm
Outside diameter	: $\tilde{A}$ 145 mm



Width	: Å~ 145 mm
Height	: -
Depth	: 66 mm
Colour	: black
Protective class	: -
Admiss. ambient temp.	: 0-40 °C
Weight	: 0.739 kg
Packing unit	: 1
Type of speaker	: 5.5"
Packing dimensions (W x H x L)	: 0.165 x 0.11 x 0.17 m
Gross weight	: 0.88 kg
Net weight	: 0.739 kg
Low-impedance	: 1