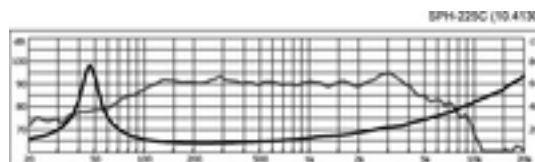
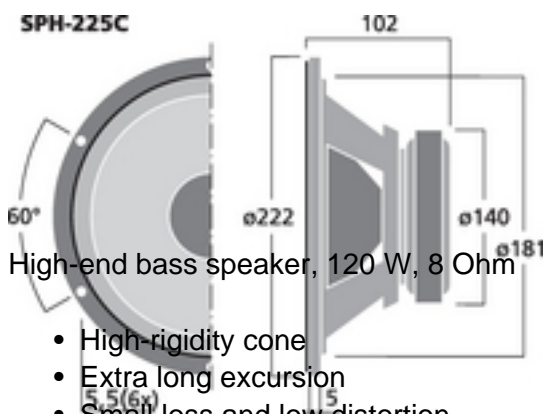


## SPH-225C - HiFi Woofer



High-end bass speaker, 120 W, 8 Ohm

- High-rigidity cone
- Extra long excursion
- Small loss and low distortion
- For an impressive fundamental bass in any high-quality hi-fi combination and smaller subwoofers
- Also possible as a bass-midrange speaker in 2-way combinations
- Suitable for cabinets of extra small dimensions

Klang+Ton 06/2014

“Used in the speaker building concept MonaLisa: usually rather unobtrusive with a harmonised tuning, this speaker can still show an impressive performance, even at very high volume levels and when listening over longer periods of time. It provides a powerful bass and midrange reproduction and features an elegance which can only be realised with high-quality materials.”

## Technical data:

Impedance (Z)	: 8 Ohm
Transmission technology	: -
Frequency range	: f3-3,000 Hz
Resonant frequency (fs)	: 39 Hz
Rec. crossov. frequ. (fmax.) (12 dB/oct.)	: -
Power rating (RMS)	: 120 W
Peak music power output (MAX)	: 200 W
SPL	: 90 dB/W/m
Max. rated SPL	: -
Max. voltage	: -
Radiation angle	: -
Radiation angle, horizontal	: -
Radiation angle, vertical	: -
Suspension compl. (Cms)	: 0.43 mm/N
Moving mass (Mms)	: 36.6 g
Mech. Q factor (Qms)	: 4.94
Electr. Q factor (Qes)	: 0.31
Total Q factor (Qts)	: 0.30
Equivalent volume (Vas)	: 24 l
DC resistance (Re)	: 5.9 Ohm
Force factor (BxL)	: 13.17 Tm
Voice coil induct. (Le)	: 0.8 mH
Voice coil diameter	: $\tilde{A}$ 50 mm
Voice coil former	: Kapton
Linear excursion (X <sub>MAX</sub> )	: $\pm$ 6 mm
Eff. cone area (Sd)	: 201 cm <sup>2</sup>
Magnet weight	: 1.1 kg
Magnet diameter	: $\tilde{A}$ 140 mm
Mounting cutout	: $\tilde{A}$ 181 mm
Mounting depth	: 97 mm
Mounting hole diameter	: $\tilde{A}$ 209 mm
Hole spacing X-axis	: -
Hole spacing Y-axis	: -
Dimensions	: $\tilde{A}$ 222 mm x 102 mm
Outside diameter	: $\tilde{A}$ 222 mm

Width	: Å~ 222 mm
Height	: -
Depth	: 102 mm
Colour	: black
Protective class	: -
Admiss. ambient temp.	: 0-40 °C
Weight	: 3.52 kg
Packing unit	: 1
Type of speaker	: 8"
Packing dimensions (W x H x L)	: 0.24 x 0.14 x 0.24 m
Gross weight	: 3.88 kg
Net weight	: 3.52 kg
Low-impedance	: 1