



SPH-165CP

Order No.: 0102330

PRODUCTINFOS

High-performance hi-fi bass-midrange speaker, 80 W, 8 Ω

- Extra large voice coil ($\varnothing$ 50 mm)
- Parameters for a deep bass reproduction
- Extra long excursion
- Bass speaker for interesting dual arrangements in very slim 3-way high-performance speaker systems and for 2-way bookshelf speakers of high power capability

HOBBY HiFi 04/2017

“Requires 13 to 18 litres only. However, still provides an incredibly deep bass reproduction down to almost 30 Hz.”

TECHNICAL SPECIFICATIONS

SPH-165CP

Impedance (Z)

8 Ω

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Frequency range	f3-6,000 Hz
Resonant frequency (fs)	30 Hz
Power rating (RMS)	80 W
Peak music power output (MAX)	120 W
SPL	89 dB/W/m
Suspension compl. (Cms)	1.71 mm/N
Moving mass (Mms)	17 g
Mech. Q factor (Qms)	4.85
Electr. Q factor (Qes)	0.33
Total Q factor (Qts)	0.31
Equivalent volume (Vas)	38 l
DC resistance (Re)	6 Ω
Force factor (BxL)	7.60 Tm
Voice coil induct. (Le)	0.7 mH
Voice coil diameter	Ø 50 mm
Voice coil former	glass fibre
Linear excursion (X _{MAX})	± 4.75 mm
Eff. cone area (Sd)	127 cm ²
Magnet weight	840 g + 50 g
Magnet diameter	Ø 120 mm
Mounting cutout	Ø 142 mm
Mounting depth	86 mm
Dimensions	165 x 165 x 90 mm
Width	165 mm
Height	165 mm
Depth	90 mm
Colour	black
Admiss. ambient temp.	0-40 °C
Weight	2.57 kg
Packing unit	1
Type of speaker	6.5"
Packing dimensions (W x H x L)	0.17 x 0.11 x 0.17 m
Gross weight	2.68 kg
Net weight	2.57 kg