



SPH-165

Order No.: 0100880

PRODUCTINFOS

Hi-fi bass-midrange speaker, 50 W, 8 Ω

- Extra strong drive and high power capability
- For general hi-fi applications of high requirements
- Very well-suited for bass-reflex and band-pass cabinets up to horn speaker designs

TECHNICAL SPECIFICATIONS

SPH-165

Impedance (Z)	8 Ω
Frequency range	f3-5,000 Hz
Resonant frequency (fs)	33 Hz
Power rating (RMS)	50 W
Peak music power output (MAX)	100 W
SPL	89 dB/W/m
Suspension compl. (Cms)	1.22 mm/N

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Moving mass (Mms)	16 g
Mech. Q factor (Qms)	2.02
Electr. Q factor (Qes)	0.23
Total Q factor (Qts)	0.21
Equivalent volume (Vas)	36 l
DC resistance (Re)	6.5 Ω
Force factor (BxL)	9.70 Tm
Voice coil induct. (Le)	1.1 mH
Voice coil diameter	Ø 35.5 mm
Voice coil former	aluminium
Linear excursion (X _{MAX})	± 3.5 mm
Eff. cone area (Sd)	137 cm ²
Magnet weight	640 g
Magnet diameter	Ø 120 mm
Mounting cutout	Ø 142 mm
Mounting depth	82 mm
Dimensions	Ø 165 x 89 mm
Outside diameter	Ø 165 mm
Width	Ø 165 mm
Depth	89 mm
Colour	black
Admiss. ambient temp.	0-40 °C
Weight	2.235 kg
Packing unit	1
Type of speaker	6.5"
Packing dimensions (W x H x L)	0.175 x 0.11 x 0.175 m
Gross weight	2.415 kg
Net weight	2.235 kg