



## SPH-165

Order No.: 0100880

### PRODUCTINFOS

#### Hi-fi bass-midrange speaker, 50 W, 8 $\Omega$

- 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 $\Omega$
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

**SPH-165**

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 $\Omega$
Force factor (BxL)	9.70 Tm
Voice coil induct. (Le)	1.1 mH
Voice coil diameter	$\varnothing$ 35.5 mm
Voice coil former	aluminium
Linear excursion ( $X_{MAX}$ )	$\pm$ 3.5 mm
Eff. cone area (Sd)	137 cm <sup>2</sup>
Magnet weight	640 g
Magnet diameter	$\varnothing$ 120 mm
Mounting cutout	$\varnothing$ 142 mm
Mounting depth	82 mm
Dimensions	$\varnothing$ 165 x 89 mm
Outside diameter	$\varnothing$ 165 mm
Width	$\varnothing$ 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