



SPH-100C

Order No.: 0102300

PRODUCTINFOS

Hi-fi bass-midrange speaker, 30 W, 8 Ω

- A remarkable high-end bass-midrange speaker
- Exceptionally long excursion for this size
- Parameters for really low bass frequencies
- For use in miniature speaker systems with a really deep fundamental bass and for any bass-midrange application of high requirements, for hi-fi and audiophile car hi-fi range

TECHNICAL SPECIFICATIONS

SPH-100C

Impedance (Z)	8 Ω
Frequency range	f3-6,000 Hz
Resonant frequency (fs)	50 Hz
Power rating (RMS)	30 W
Peak music power output (MAX)	50 W
SPL	84 dB/W/m

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Suspension compl. (Cms)	1.45 mm/N
Moving mass (Mms)	7 g
Mech. Q factor (Qms)	3.53
Electr. Q factor (Qes)	0.50
Total Q factor (Qts)	0.44
Equivalent volume (Vas)	6 l
DC resistance (Re)	6 Ω
Force factor (BxL)	5.10 Tm
Voice coil induct. (Le)	0.65 mH
Voice coil diameter	Ø 25.5 mm
Voice coil former	Kapton
Linear excursion (X_{MAX})	± 4 mm
Eff. cone area (Sd)	54 cm ²
Magnet weight	300 g
Magnet diameter	Ø 90 mm
Mounting cutout	Ø 96 mm
Mounting depth	50 mm
Dimensions	106 x 106 x 50 mm
Width	106 mm
Height	106 mm
Depth	50 mm
Colour	black
Admiss. ambient temp.	0-40 °C
Weight	0.87 kg
Packing unit	1
Type of speaker	4"
Packing dimensions (W x H x L)	0.115 x 0.07 x 0.115 m
Gross weight	0.95 kg
Net weight	0.87 kg