



SPH-100AL

Order No.: 10.3810

Price upon request

PRODUCTINFOS

High-tech midrange speaker, 40 W, 8 Ω

- All-aluminium cone and dustcap
- Special design for extra reinforcement
- Extra high cone stability for maximum fine dynamics
- As a single midrange speaker and also in D'Appolito arrangements, an absolutely high-end speaker

TECHNICAL SPECIFICATIONS

SPH-100AL

Impedance (Z)	8 Ω
Frequency range	fx-5,000 Hz
Resonant frequency (fs)	80 Hz
Power rating	40 W
Peak music power output	80 W
Sensitivity	87 dB/W/m

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Suspension compl. (Cms)	0.79 mm/N
Moving mass (Mms)	4.9 g
Mech. Q factor (Qms)	3.05
Electr. Q factor (Qes)	0.67
Total Q factor (Qts)	0.55
Equivalent volume (Vas)	3.2 l
DC resistance (Re)	6.2 Ω
Force factor (BxL)	4.81 Tm
Voice coil induct. (Le)	0.3 mH
Voice coil diameter	\varnothing 25 mm
Voice coil former	aluminium
Linear excursion (X_{MAX})	\pm 1.5 mm
Eff. cone area (Sd)	55 cm ²
Magnet weight	250 g
Magnet diameter	\varnothing 72 mm
Mounting cutout	\varnothing 90 mm
Mounting depth	51.2 mm
Mounting hole diameter	\varnothing 82 mm
Dimensions	\varnothing 124.3 mm x 55 mm
Outside diameter	\varnothing 124.3 mm
Width	\varnothing 124.3 mm
Depth	55 mm
Admiss. ambient temp.	0-40 °C
Weight	0.63 kg
Packing unit	1
Type of speaker	4