



## SPH-100AL

Order No.: 0103810

### PRODUCTINFOS

#### High-tech midrange speaker, 40 W, 8 $\Omega$

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

#### HOBBY HiFi 06/2019

"Sound and design certainly make this an interesting bass-midrange speaker for compact bookshelf speaker systems."

### TECHNICAL SPECIFICATIONS

#### SPH-100AL

Impedance (Z)	8 $\Omega$
Frequency range	fx-5,000 Hz

**SPH-100AL**

Resonant frequency (fs)	80 Hz
Power rating (RMS)	40 W
Peak music power output (MAX)	80 W
SPL	87 dB/W/m
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 $\Omega$
Force factor (BxL)	4.81 Tm
Voice coil induct. (Le)	0.3 mH
Voice coil diameter	Ø 25 mm
Voice coil former	aluminium
Linear excursion (X <sub>MAX</sub> )	± 1.5 mm
Eff. cone area (Sd)	55 cm <sup>2</sup>
Magnet weight	250 g
Magnet diameter	Ø 72 mm
Mounting cutout	Ø 99 mm
Mounting depth	51.2 mm
Mounting hole diameter	Ø 82 mm
Dimensions	Ø 124.3 mm x 55 mm
Outside diameter	Ø 124.3 mm
Width	Ø 124.3 mm
Depth	55 mm
Colour	black/white
Admiss. ambient temp.	0-40 °C
Weight	0.63 kg
Packing unit	1
Type of speaker	4"
Packing dimensions (W x H x L)	0.13 x 0.085 x 0.13 m
Gross weight	0.715 kg
Net weight	0.63 kg