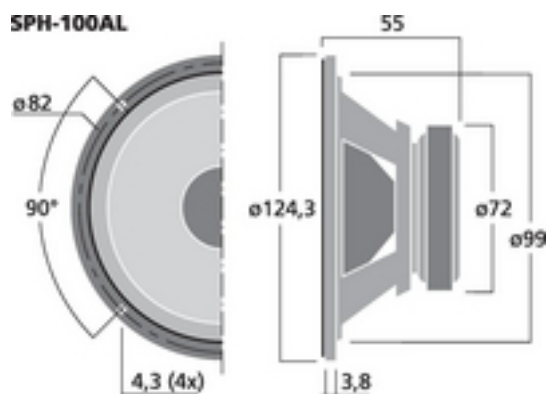
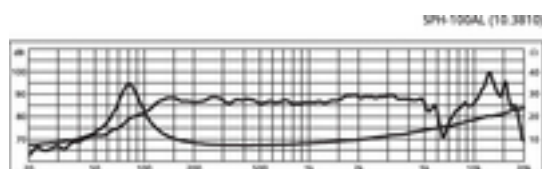


## SPH-100AL - HiFi Midrange Speaker



High-tech midrange speaker, 40 W, 8 Ohm

- 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

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

## Technical data:

Impedance (Z)	: 8 Ohm
Transmission technology	: -
Frequency range	: fx-5,000 Hz
Resonant frequency (fs)	: 80 Hz
Rec. crossov. frequ. (fmax.) (12 dB/oct.)	: -
Power rating (RMS)	: 40 W
Peak music power output (MAX)	: 80 W
SPL	: 87 dB/W/m
Max. rated SPL	: -
Max. voltage	: -
Radiation angle	: -
Radiation angle, horizontal	: -
Radiation angle, vertical	: -
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 Ohm
Force factor (BxL)	: 4.81 Tm
Voice coil induct. (Le)	: 0.3 mH
Voice coil diameter	: $\tilde{\text{A}}$ 25 mm
Voice coil former	: aluminium
Linear excursion (X <sub>MAX</sub> )	: $\pm$ 1.5 mm
Eff. cone area (Sd)	: 55 cm <sup>2</sup>
Magnet weight	: 250 g
Magnet diameter	: $\tilde{\text{A}}$ 72 mm
Mounting cutout	: $\tilde{\text{A}}$ 99 mm
Mounting depth	: 51.2 mm
Mounting hole diameter	: $\tilde{\text{A}}$ 82 mm
Hole spacing X-axis	: -
Hole spacing Y-axis	: -
Dimensions	: $\tilde{\text{A}}$ 124.3 mm x 55 mm
Outside diameter	: $\tilde{\text{A}}$ 124.3 mm



Width	: Å~ 124.3 mm
Height	: -
Depth	: 55 mm
Colour	: black/white
Protective class	: -
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
Low-impedance	: 1