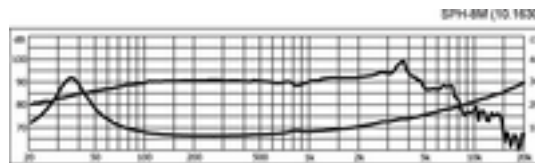


## SPH-8M - HiFi Woofer



Hi-fi bass speaker, 100 W, 8 Ohm

- Hi-fi bass speaker of excellent workmanship
- Damped low-resonance polypropylene cone
- Robust diecast aluminium basket of an elegant design with 6-hole screw connection
- Magnet system with drilled pole core
- Very well-suited for bass-reflex and closed speaker systems

Hobby HiFi 06/2011

"Perfectly linear and well-balanced. Of neat workmanship, an excellent bass-midrange speaker for 2-way applications."

## Technical data:

Impedance (Z)	: 8 Ohm
Transmission technology	: -
Frequency range	: f3-2,500 Hz
Resonant frequency (fs)	: 35 Hz
Rec. crossov. frequ. (fmax.) (12 dB/oct.)	: -
Power rating (RMS)	: 100 W
Peak music power output (MAX)	: 150 W
SPL	: 89 dB/W/m
Max. rated SPL	: -
Max. voltage	: -
Radiation angle	: -
Radiation angle, horizontal	: -
Radiation angle, vertical	: -
Suspension compl. (Cms)	: 0.71 mm/N
Moving mass (Mms)	: 27 g
Mech. Q factor (Qms)	: 2.26
Electr. Q factor (Qes)	: 0.50
Total Q factor (Qts)	: 0.41
Equivalent volume (Vas)	: 44 l
DC resistance (Re)	: 6.5 Ohm
Force factor (BxL)	: 9.01 Tm
Voice coil induct. (Le)	: 0.78 mH
Voice coil diameter	: $\tilde{A}$ 38 mm
Voice coil former	: aluminium
Linear excursion (X <sub>MAX</sub> )	: $\pm$ 4.5 mm
Eff. cone area (Sd)	: 240 cm <sup>2</sup>
Magnet weight	: 790 g
Magnet diameter	: $\tilde{A}$ 110 mm
Mounting cutout	: $\tilde{A}$ 180 mm
Mounting depth	: 91 mm
Mounting hole diameter	: -
Hole spacing X-axis	: -
Hole spacing Y-axis	: -
Dimensions	: $\tilde{A}$ 222 mm x 97 mm
Outside diameter	: $\tilde{A}$ 222 mm

Width	: Å~ 222 mm
Height	: -
Depth	: 97 mm
Colour	: black
Protective class	: -
Admiss. ambient temp.	: 0-40 °C
Weight	: 2.2 kg
Packing unit	: 1
Type of speaker	: 22 cm
Packing dimensions (W x H x L)	: 0.245 x 0.14 x 0.24 m
Gross weight	: 2.52 kg
Net weight	: 2.2 kg
Low-impedance	: 1