

# SPH-8M

Order no.: 0101630

## PRODUCT INFORMATION

**Hi-fi bass speaker, 100 W, 8 Ω**

- 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.”

**Manufacturer information:**
MONACOR INTERNATIONAL GmbH & Co. KG
Konsul-Smidt-Str. 68
28217 Bremen
Germany
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# SPECIFICATIONS

**SPH-8M**

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|---|---|
| Impedance (Z) | 8 Ω |
| Transmission technology | cable |
| Frequency range | f3-2,500 Hz |
| Resonant frequency (fs) | 35 Hz |
| Power rating (RMS) | 100 W |
| Peak music power output (MAX) | 150 W |
| SPL | 89 dB/W/m |
| 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 Ω |
| Force factor (BxL) | 9.01 Tm |
| Voice coil induct. (Le) | 0.78 mH |
| Voice coil diameter | Ø 38 mm |
| Voice coil former | aluminium |
| Linear excursion (XMAX) | ± 4.5 mm |
| Eff. cone area (Sd) | 240 $cm^2$ |
| Magnet weight | 790 g |
| Magnet diameter | Ø 110 mm |
| Mounting cutout | Ø 180 mm |
| Mounting depth | 91 mm |
| Dimensions | Ø 222 mm x 97 mm |
| Outside diameter | Ø 222 mm |
| Width | Ø 222 mm |
| Height | Ø 222 mm |
| Depth | 97 mm |
| Colour | black |
| Admiss. ambient temp. | 0-40 °C |
| Weight | 2.2 kg |
| Packing unit | 1 |
| Type of speaker | 22 cm |
| Packaging dimensions (W x H x L) | 0.245 x 0.14 x 0.24 m |

**SPH-8M**

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|---|---|
| Gross weight | 2.52 kg |
| Net weight | 2.2 kg |

**SPH-8M**

| | |
|---|---|
| EAN code | 4007754221299 |
| Net weight | 2.2 kg |