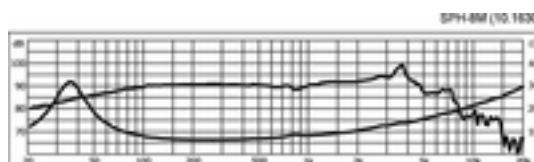
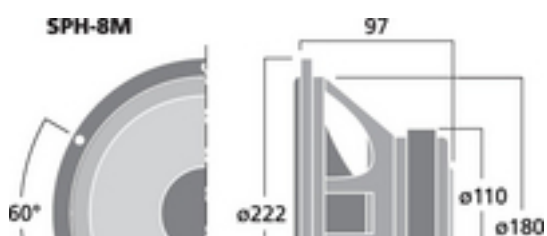


## SPH-8M - HiFi Woofer



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."

## Tekniset tiedot:

|   |                                 |
|---|---------------------------------|
| Impedance (Z)                             | : 8 Ohm                         |
| Transmission method                       | : -                             |
| 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                         |
| Sensitivity                               | : 89 dB/W/m                     |
| Max. rated SPL                            | : -                             |
| Max. voltage                              | : -                             |
| 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                       | : $\tilde{\sim}$ 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                           | : $\tilde{\sim}$ 110 mm         |
| Mounting cutout                           | : $\tilde{\sim}$ 180 mm         |
| Mounting depth                            | : 91 mm                         |
| Mounting hole diameter                    | : -                             |
| Hole spacing X-axis                       | : -                             |
| Hole spacing Y-axis                       | : -                             |
| Dimensions                                | : $\tilde{\sim}$ 222 mm x 97 mm |
| Outside diameter                          | : $\tilde{\sim}$ 222 mm         |
| Width                                     | : $\tilde{\sim}$ 222 mm         |

|                       |           |
|-----------------------|-----------|
| Height                | : -       |
| Depth                 | : 97 mm   |
| Protective class      | : -       |
| Admiss. ambient temp. | : 0-40 °C |
| Weight                | : 2.2 kg  |
| Packing unit          | : 1       |
| Type of speaker       | : 22 cm   |