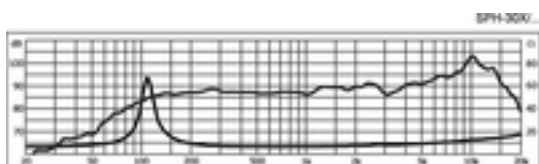


## SPH-30X/8SW - Fullrange-Speaker



**SPH-30X/8SW**



High-quality hi-fi full range speakers, 20 W, 8 Ohm ( $\frac{1}{8}$ ) or 4 Ohm ( $\frac{1}{4}$ ), with black Kevlar cone

- Well-damped Kevlar cone of extra low weight
- Drive system with full air ventilation
- High-quality neodymium magnet system with double magnet
- Specially developed basket also for multiple arrangements
- High efficiency
- Small speakers for background PA applications or e.g. rear speakers in home cinema systems
- Suitable for applications from mid-high range speakers or full range midrange speakers in high-end hi-fi



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speaker systems to multiple arrangements in column speakers

## Technical data:

|   |                                 |
|---|---------------------------------|
| Impedance (Z)                             | : 8 Ohm                         |
| Transmission technology                   | : -                             |
| Frequency range                           | : f3-17,000 Hz                  |
| Resonant frequency (fs)                   | : 105 Hz                        |
| Rec. crossov. frequ. (fmax.) (12 dB/oct.) | : -                             |
| Power rating (RMS)                        | : 20 W                          |
| Peak music power output (MAX)             | : 50 W                          |
| SPL                                       | : 87 dB/W/m                     |
| Max. rated SPL                            | : -                             |
| Max. voltage                              | : -                             |
| Radiation angle                           | : -                             |
| Radiation angle, horizontal               | : -                             |
| Radiation angle, vertical                 | : -                             |
| Suspension compl. (Cms)                   | : 0.90 mm/N                     |
| Moving mass (Mms)                         | : 2.65 g                        |
| Mech. Q factor (Qms)                      | : 8.59                          |
| Electr. Q factor (Qes)                    | : 0.49                          |
| Total Q factor (Qts)                      | : 0.42                          |
| Equivalent volume (Vas)                   | : 1.3 l                         |
| DC resistance (Re)                        | : 5.7 Ohm                       |
| Force factor (BxL)                        | : 4.48 Tm                       |
| Voice coil induct. (Le)                   | : 0.5 mH                        |
| Voice coil diameter                       | : $\varnothing$ 21 mm           |
| Voice coil former                         | : Kapton                        |
| Linear excursion (X <sub>MAX</sub> )      | : $\pm$ 2 mm                    |
| Eff. cone area (Sd)                       | : 30 cm <sup>2</sup>            |
| Magnet weight                             | : neodymium                     |
| Magnet diameter                           | : -                             |
| Mounting cutout                           | : $\varnothing$ 73 mm           |
| Mounting depth                            | : 40.7 mm                       |
| Mounting hole diameter                    | : -                             |
| Hole spacing X-axis                       | : -                             |
| Hole spacing Y-axis                       | : -                             |
| Dimensions                                | : $\varnothing$ 80.5 mm x 42 mm |
| Outside diameter                          | : -                             |



|                                |                          |
|--------------------------------|--------------------------|
| Width                          | : 80.5 mm                |
| Height                         | : 80.5 mm                |
| Depth                          | : 42 mm                  |
| Colour                         | : black                  |
| Protective class               | : -                      |
| Admiss. ambient temp.          | : 0-40 °C                |
| Weight                         | : 141 g                  |
| Packing unit                   | : 1                      |
| Type of speaker                | : 3"                     |
| Packing dimensions (W x H x L) | : 0.085 x 0.06 x 0.085 m |
| Gross weight                   | : 0.177 kg               |
| Net weight                     | : 0.141 kg               |
| Low-impedance                  | : 1                      |