

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



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 _{MAX})	: \pm 2 mm
Eff. cone area (Sd)	: 30 cm ²
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