

## Speakers

### SPH-176

Number 10.4250

#### SPH-176:

This high-quality speaker, Made in Germany, fulfills all requirements made on a modern HiFi bass-midrange speaker at an exceptionally attractive price: rear-ventilated, suitably progressive centering, long linear excursion, a surround with a special, frequency response correcting profile and a subwoofer friendly TSP!

High-quality HiFi bass-midrange speaker, 120W<sub>MAX</sub>, 8

This bass-midrange speaker with coated paper cone, yet high pulsed power, rubber surround, and bass-optimised drive characteristics allows the set-up of speaker systems of highest level stability and of amazingly low resonance. From HiFi 2-way speakers and attractive dual bass arrangements to very small subwoofers, this highly developed speaker is ideally suited!

#### Klang+Ton 6/2003

"The SPH-176 represents an almost ideal picture of a classic bass-midrange speaker."



### ILMAG 11

"An effective combination."

- + very linear frequency response
- + many effective detail solutions
- + quite a long linear excursion
- + very favourable price

## Technical Facts Speakers

Impedance (Z)	8 $\Omega$
Resonant frequency (fs)	39Hz
Max. frequency range	f3-4,500Hz
Music power	120W <sub>MAX</sub>
Power rating (P)	70W <sub>RMS</sub>
SPL (1W/1m)	90dB
Suspension compl. (Cms)	1.01mm/N
Moving mass (Mms)	14g
Mech. Q factor (Qms)	2.27
Electr. Q factor (Qes)	0.44
Total Q factor (Qts)	0.37
Equivalent volume (Vas)	27 l
DC resistance (Re)	6.6 $\Omega$
Force factor (BxL)	7.7Tm
Voice coil induct. (Le)	0.75mH
Voice coil diameter	25mm
Voice coil former	aluminium
Linear excursion (X <sub>MAX</sub> )	±5.5mm
Eff. cone area (Sd)	140cm <sup>2</sup>
Magnet weight	16oz.
Weight	1.25kg