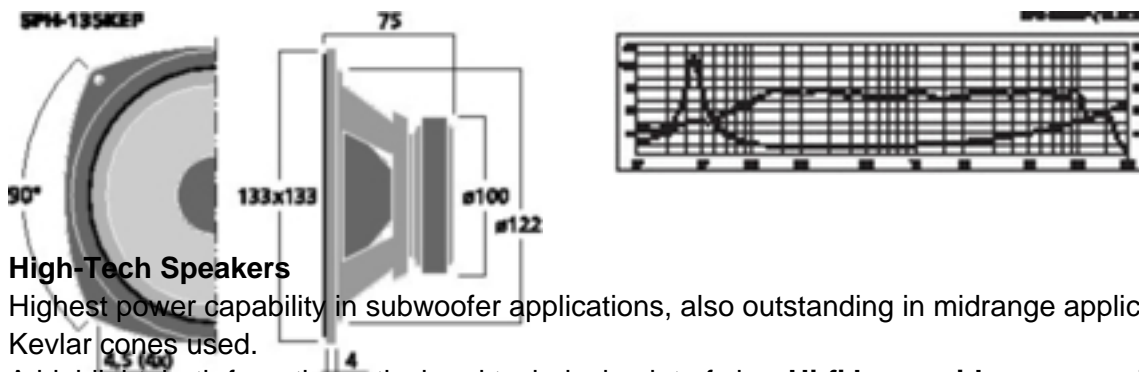


## SPH-135KEP - HiFi Woofer



### High-Tech Speakers

Highest power capability in subwoofer applications, also outstanding in midrange applications due to the Kevlar cones used.

A highlight, both from the optical and technical point of view. **Hi-fi bass-midrange speaker, 50 W, 8 Ohm**

- Kevlar cone
- Phase plug
- Also to be used as a bass-midrange speaker in small bookshelf speaker systems providing a deep bass reproduction
- Optimum sound source for the entire vocal range above 200 Hz

## Technical Data

Impedance (Z)	: 8 Ohm
Resonant frequency (fs)	: 45 Hz
Max. frequency range	: f3-10,000 Hz
Music power	: 80 W <sub>MAX</sub>
Power rating (P)	: 50 W <sub>RMS</sub>
SPL (1 W/m)	: 89 dB
Suspension compl. (Cms)	: 1.23 mm/N
Moving mass (Mms)	: 10 g
Mech. Q factor (Qms)	: 5.54
Electr. Q factor (Qes)	: 0.32
Total Q factor (Qts)	: 0.30
Equivalent volume (Vas)	: 15.5 l
DC resistance (Re)	: 6 Ohm
Force factor (BxL)	: 7.5 Tm
Voice coil induct. (Le)	: 0.75 mH
Voice coil diameter	: 35.5 mm
Voice coil former	: Kapton
Linear excursion (X <sub>MAX</sub> )	: ±3.25 mm
Eff. cone area (Sd)	: 95 cm <sup>2</sup>
Magnet weight	: 550 g + 17 g
Weight	: 1.52 kg