

Components

Speaker Technology

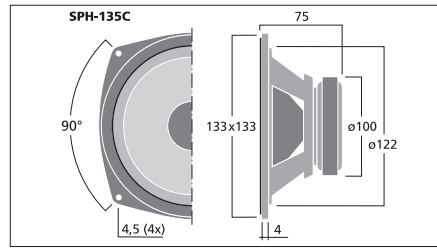
SPH-135C

Order No. 10.2310

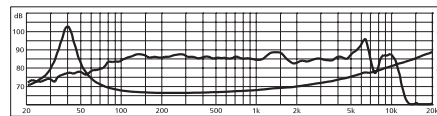


Hi-fi bass-midrange speaker, 50 W, 8 Ω

- Well-tries and tested high-end bass-midrange speaker
- Parameters for deep bass reproductions
- Very long excursion
- Speaker for slimline 2-way column speaker systems with an astonishingly low fundamental bass and high level stability



SPH-135C (10.2310)



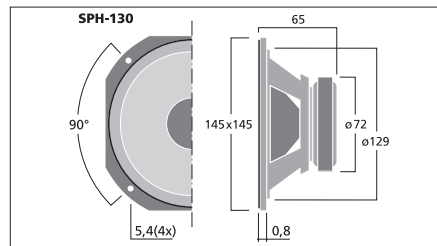
SPH-130

Order No. 10.0870

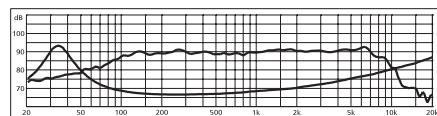


Hi-fi bass-midrange speaker, 55 W, 8 Ω

- Paper cone with special coating
- Rubber surround with optimised profile
- Extra wide and linear radiation range, free of resonance
- Perfect components for modern 2-way combinations up to D'Appolito arrangements, also for use as a midrange speaker in multi-way speaker systems



SPH-130 (10.0870)



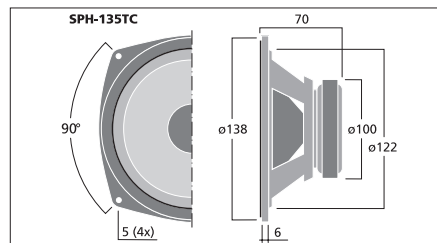
SPH-135TC

Order No. 10.1430

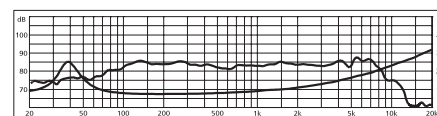


Hi-fi bass-midrange speaker, 2 x 30 W, 2 x 8 Ω

- Dual voice coil
- Polypropylene cone with good midrange attenuation
- Suitable for both miniature subwoofers and powerful 2-way speaker systems, as bookshelf speakers or extra slimline column speakers



SPH-135TC (10.1430)



Model	SPH-135C	SPH-130	SPH-135TC
Impedance (Z)	8 Ω	8 Ω	2 x 8 Ω
Frequency range	f3-8,000 Hz	f3-6,000 Hz	f3-6,000 Hz
Resonant frequency (fs)	40 Hz	38 Hz	40 Hz
Power rating (RMS)	50 W	55 W	2 x 30 W
Peak music power output (MAX)	80 W	80 W	2 x 60 W
Sensitivity	88 dB/W/m	89 dB/W/m	85 dB/W/m
Suspension compl. (Cms)	1.35 mm/N	2.14 mm/N	1.69 mm/N
Moving mass (Mms)	12 g	8.2 g	8.9 g
Mech. Q factor (Qms)	4.48	1.91	3.44
Electr. Q factor (Qes)	0.43	0.39	0.48
Total Q factor (Qts)	0.39	0.32	0.42
Equivalent volume (Vas)	17 l	22 l	16 l
DC resistance (Re)	6 Ω	5.7 Ω	2 x 7.5 Ω/ 3.8 Ω
Voice coil diameter	Ø 35.5 mm	Ø 25 mm	Ø 20 mm
Voice coil former	Kapton	aluminium	aluminium
Linear excursion (X _{MAX})	± 3.5 mm	± 2 mm	± 2.25 mm
Eff. cone area (Sd)	95 cm ²	80 cm ²	95 cm ²
Mounting cutout	Ø 122 mm	Ø 129 mm	Ø 122 mm
Dimensions	133 x 133 x 75 mm	145 x 145 x 65 mm	Ø 138 mm x 70 mm
Weight	1.43 kg	0.755 kg	1.08 kg