

Components

Speaker Technology

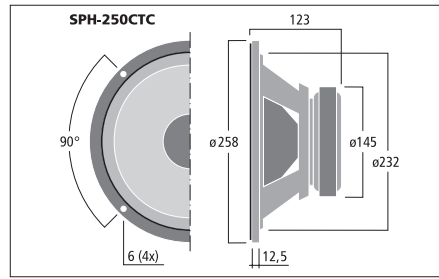
SPH-250CTC

Order No. 10.1820

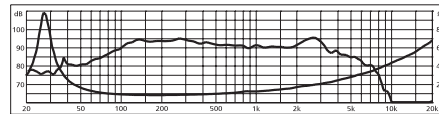


Hi-fi subwoofer, 2 x 100 W, 2 x 8 Ω

- High-end speaker
- Diecast aluminium basket
- Dual voice coil
- Carbon fibre cone
- A preferred size for hi-fi subwoofers of highest quality in medium-sized bass-reflex cabinets or also for 3-way speakers



SPH250CTC (10.1820)



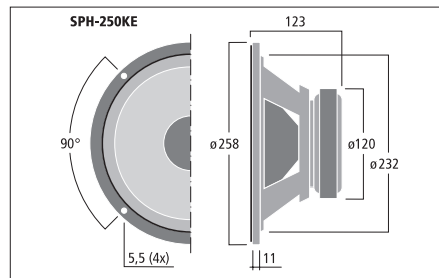
SPH-250KE

Order No. 10.2380

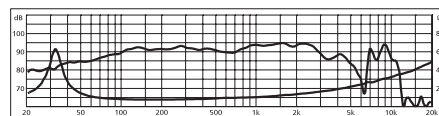


Top hi-fi bass speaker, 100 W, 8 Ω

- Finely textured Kevlar cone
- Aluminium diecast basket
- Long excursion
- A very deep bass in compact bass-reflex cabinets already
- In closed cabinets, a dry bass reproduction comfortable to listen to (particularly suitable for use in rooms of rumbling sound)
- For any hi-fi and high-end application



SPH-250KE (10.2380)



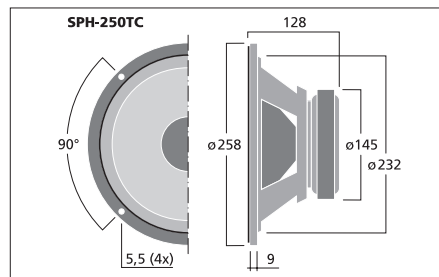
SPH-250TC

Order No. 10.1450

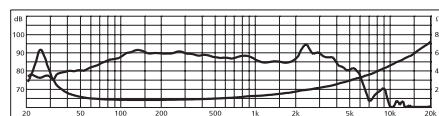


Hi-fi bass speaker and subwoofer, 2 x 100 W, 2 x 8 Ω

- Stabilised polypropylene cone
- Dual voice coil
- Perfect parameters for a very deep bass reproduction in small bass-reflex cabinets and band-pass cabinets
- For any bass application in hi-fi, home cinema and car hi-fi systems and for 3-way combinations



SPH-250TC (10.1450)



Model	SPH-250CTC	SPH-250KE	SPH-250TC
Impedance (Z)	2 x 8 Ω	8 Ω	2 x 8 Ω
Frequency range	f3-3,500 Hz	f3-3,000 Hz	f3-3,500 Hz
Resonant frequency (fs)	20 Hz	23 Hz	26 Hz
Power rating (RMS)	2 x 100 W	100 W	2 x 100 W
Peak music power output (MAX)	2 x 150 W	150 W	2 x 150 W
Sensitivity	91 dB/W/m	90 dB/W/m	91 dB/W/m
Suspension compl. (Cms)	0.98 mm/N	0.94 mm/N	0.5 mm/N
Moving mass (Mms)	70 g	45 g	55 g
Mech. Q factor (Qms)	5.12	5.25	3.31
Electr. Q factor (Qes)	0.26	0.45	0.27
Total Q factor (Qts)	0.25	0.41	0.25
Equivalent volume (Vas)	220 l	204 l	84 l
DC resistance (Re)	2 x 6.8 Ω/3.4 Ω	6.1 Ω	2 x 6.8 Ω/3.4 Ω
Voice coil diameter	Ø 50 mm	Ø 50 mm	Ø 50 mm
Voice coil former	Kapton	Kapton	Kapton
Linear excursion (X _{MAX})	± 4.5 mm	± 4.75 mm	± 4.5 mm
Eff. cone area (Sd)	343 cm ²	346 cm ²	346 cm ²
Mounting cutout	Ø 232 mm	Ø 232 mm	Ø 232 mm
Dimensions	Ø 258 mm x 123 mm	Ø 258 mm x 123 mm	Ø 258 mm x 128 mm
Weight	3.8 kg	2.92 kg	3.7 kg