



SPH-250CTC

Order No.: 0101820

PRODUCTINFOS

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

HOBBY HiFi 01/2017

"Dual voice coil for either 4 or 16 ohms. Due to very low mechanical loss, this speaker ensures a first-class sound performance."

TECHNICAL SPECIFICATIONS

SPH-250CTC

Impedance (Z)

2 x 8 Ω

SPH-250CTC

Frequency range	f3-3,500 Hz
Resonant frequency (fs)	20 Hz
Power rating (RMS)	2 x 100 W
Peak music power output (MAX)	2 x 150 W
SPL	91 dB/W/m
Suspension compl. (Cms)	0.98 mm/N
Moving mass (Mms)	70 g
Mech. Q factor (Qms)	5.12
Electr. Q factor (Qes)	0.26
Total Q factor (Qts)	0.25
Equivalent volume (Vas)	220 l
DC resistance (Re)	2 x 6.8 Ω/3.4 Ω
Force factor (BxL)	9.60 Tm
Voice coil induct. (Le)	2 x 1.0 mH/1.0 mH
Voice coil diameter	Ø 50 mm
Voice coil former	Kapton
Linear excursion (X _{MAX})	± 4.5 mm
Eff. cone area (Sd)	343 cm ²
Magnet weight	1.2 kg
Magnet diameter	Ø 145 mm
Mounting cutout	Ø 232 mm
Mounting depth	123 mm
Mounting hole diameter	Ø 243 mm
Hole spacing X-axis	172 mm
Hole spacing Y-axis	172 mm
Dimensions	Ø 258 mm x 123 mm
Outside diameter	Ø 258 mm
Width	Ø 258 mm
Depth	123 mm
Colour	black
Admiss. ambient temp.	0-40 °C
Weight	3.8 kg
Packing unit	1
Type of speaker	10"
Packing dimensions (W x H x L)	0.27 x 0.145 x 0.27 m
Gross weight	4.215 kg

SPH-250CTC

Net weight

3.8 kg