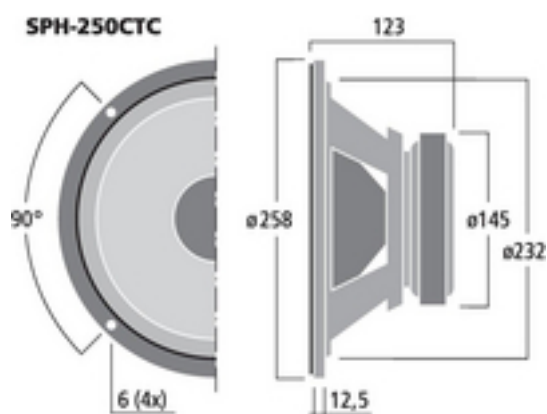
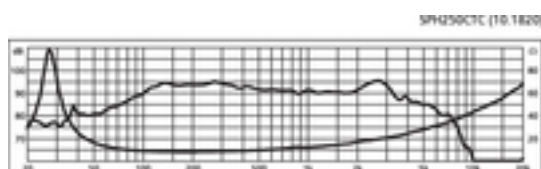


## SPH-250CTC - HiFi Woofer with Twin Coil



Hi-fi subwoofer, 2 x 100 W, 2 x 8 Ohm

- 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 data:

Impedance (Z)	: 2 x 8 Ohm
Transmission technology	: -
Frequency range	: f3-3,500 Hz
Resonant frequency (fs)	: 20 Hz
Rec. crossov. frequ. (fmax.) (12 dB/oct.)	: -
Power rating (RMS)	: 2 x 100 W
Peak music power output (MAX)	: 2 x 150 W
SPL	: 91 dB/W/m
Max. rated SPL	: -
Max. voltage	: -
Radiation angle	: -
Radiation angle, horizontal	: -
Radiation angle, vertical	: -
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 $\Omega$ x 6.8 $\Omega$ Ohm/3.4 $\Omega$ Ohm
Force factor (BxL)	: 9.60 Tm
Voice coil induct. (Le)	: 2 $\mu$ x 1.0 $\mu$ mH/1.0 $\mu$ mH
Voice coil diameter	: $\varnothing$ 50 mm
Voice coil former	: Kapton
Linear excursion (X <sub>MAX</sub> )	: $\pm$ 4.5 mm
Eff. cone area (Sd)	: 343 cm <sup>2</sup>
Magnet weight	: 1.2 kg
Magnet diameter	: $\varnothing$ 145 mm
Mounting cutout	: $\varnothing$ 232 mm
Mounting depth	: 123 mm
Mounting hole diameter	: $\varnothing$ 243 mm
Hole spacing X-axis	: 172 mm
Hole spacing Y-axis	: 172 mm
Dimensions	: $\varnothing$ 258 mm x 123 mm
Outside diameter	: $\varnothing$ 258 mm

Width	: Å~ 258 mm
Height	: -
Depth	: 123 mm
Colour	: black
Protective class	: -
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
Net weight	: 3.8 kg
Low-impedance	: 1