

Product Detail Page



SPH-300CTC

Number: 10.1830

Hi-fi subwoofer, 2 x 250 W_{MAX}, 2 x 150 W_{RMS}, 2 x 8 Ω

- High-end speaker with diecast basket
- Dual voice coil
- Carbon fibre cone
- Powerful bass reproduction from bass-reflex cabinets or an especially dry, pulsed sound from very small closed cabinets
- For hi-fi, home cinema and top car hi-fi

Thiele Small parameters and sound pressure curves for voice coils in parallel or series connection.



Technical Facts

Impedance (Z)	2 x 8 Ω
Resonant frequency (fs)	18 Hz
Max. frequency range	f3-2,500 Hz
Music power	2 x 250 W _{MAX}
Power rating (P)	2 x 150 W _{RMS}
SPL (1 W/m)	92 dB
Suspension compl. (Cms)	0.75 mm/N
Moving mass (Mms)	100 g
Mech. Q factor (Qms)	6.50
Electr. Q factor (Qes)	0.20
Total Q factor (Qts)	0.19
Equivalent volume (Vas)	225 l
DC resistance (Re)	2 x 6 Ω /3 Ω
Force factor (BxL)	12.1 Tm
Voice coil induct. (Le)	2 x 1.1 mH/1.1 mH
Voice coil diameter	62 mm
Voice coil former	Kapton
Linear excursion (XMAX)	±5.4 mm
Eff. cone area (Sd)	495 cm ²



Magnet weight	1.8 kg
Weight	6.0 kg

