



SPH-300CTC

Order No.: 10.1830

Price upon request

PRODUCTINFOS

Hi-fi subwoofer, 2 x 150 W, 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.

HOBBY HiFi 04/2015

"Despite being content with a moderate cabinet size, it still provides a superior deep bass due to the powerful drive system."

TECHNICAL SPECIFICATIONS

SPH-300CTC

Impedance (Z)	2 x 8 Ω
Frequency range	f3-2,500 Hz
Resonant frequency (fs)	18 Hz
Power rating	2 x 150 W
Peak music power output	2 x 250 W
Sensitivity	92 dB/W/m
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 (X_{MAX})	\pm 5.4 mm
Eff. cone area (Sd)	495 cm ²
Magnet weight	1.8 kg
Magnet diameter	\varnothing 180 mm
Mounting cutout	\varnothing 272 mm
Mounting depth	117.5 mm
Dimensions	\varnothing 308 mm x 130 mm
Outside diameter	\varnothing 308 mm
Width	\varnothing 308 mm
Depth	130 mm
Admiss. ambient temp.	0-40 °C
Weight	6.32 kg
Sales unit	1
Type of speaker	12"