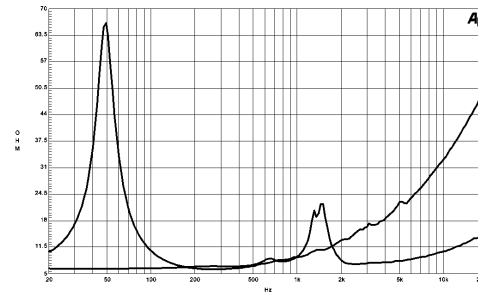
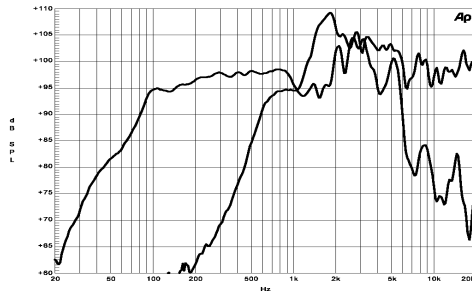




12 CX T | Coaxials

Thanks to its power handling, very good output level over a wide frequency range and excellent dispersion, this 12" coaxial transducer allows for high quality performance in compact cabinets



Horns

HF Compression drivers

Coaxials

Speakers

Specifications

Nominal Diameter	320 mm. (12 in.)
Nominal Impedance	8 Ω
Minimum Impedance	6 Ω (LF), 7.3 Ω (HF)
Frequency Range	50 – 20000 Hz
Dispersion Angle ¹	90°
LF unit	
Sensitivity (1W/1m) ²	98 dB
Power Handling (60 – 600 Hz)	
Nominal ³	200 W
Continuous Program ⁴	400 W
Voice Coil Diameter	51 mm. (2 in.)
Winding Material	Copper
HF unit	
Sensitivity (1W/1m) ⁵	102 dB
Power Handling (2200 – 20000 Hz)	
Nominal	25 W
Continuous Program	50 W
Voice Coil Diameter	36 mm. (1.4 in.)
Winding Material	Aluminium
Diaphragm Material	Mylar
Min. Recom. Crossover ⁶	2.2 kHz

Thiele & Small Parameters⁷

Fs	49 Hz
Re	5.3 Ω
Qes	0.35
Qms	3.9
Qts	0.32
Vas	91 dm. ³ (3.2 cu. ft.)
Sd	522 cm. ² (80.9 sq. in.)
η_0	3.1 %
X max	± 3 mm.
Mms	43 gr.
Bl	14.4 Tm
Le	1.2 mH

Mounting and Shipping Informations

Overall Diameter	316 mm. (12.4 in.)
Bolt Circle Diameter	296 mm. (11.6 in.)
Baffle Cutout Diameter	282 mm. (11.1 in.)
Depth	178 mm. (7 in.)
Flange and Gasket Thickness	16 mm. (5/8 in.)
Net Weight	5.6 Kg. (12.3 lb.)
Shipping Weight	6.8 Kg. (15 lb.)
Shipping Box	380x380x240 mm. (15x15x9.4 in.)

¹ Included by -6 dB down points, averaged from 1 kHz to 8 kHz with B&C XO-2 crossover filter.

² Applied RMS Voltage is set to 2.83V for 8 ohms and 4V for 16 ohms Nominal Impedance. Average SPL from 200 to 4000 Hz.

³ 2 hours test made with continuous pink noise signal (6 dB crest factor) within the specified range. Power calculated on rated minimum impedance. Loudspeaker in free air.

⁴ Power on Continuous Program is defined as 3 dB greater than the Nominal rating.

⁵ Average SPL from 1000 to 18000 Hz.

⁶ 12 dB/oct. or higher slope high-pass filter.

⁷ Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.

XO-2 Crossover

Filter Type	Two way
Nominal Impedance	8 Ω
Crossover Frequency	1.8 kHz
Slope	6 dB/oct. (Low) 12 dB/oct. with Eq. (High)
Overall Dimensions	142x107 mm. (5.6x4.2 in.)
Weight	0.4 Kg. (0.9 lb.)

Filtered on axis response (2.83V/1m)

