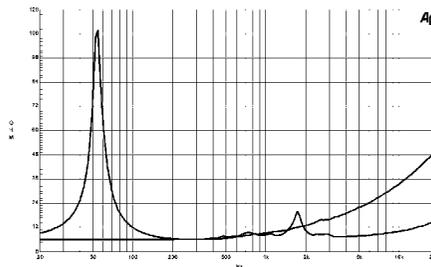
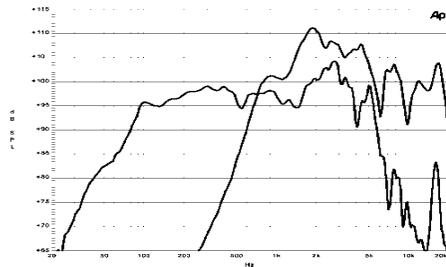




## 12 CX B | Coaxials

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



Speakers

Coaxials

HF Compression drivers

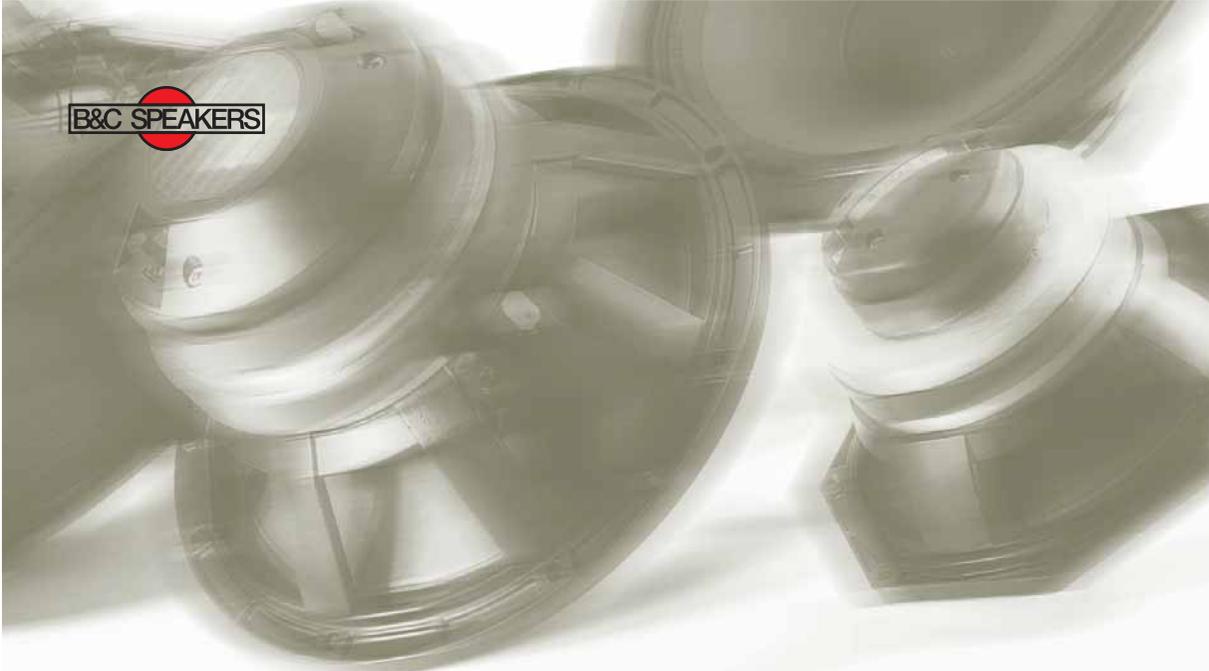
Horns

### Specifications

Nominal Diameter	320 mm. (12 in.)
Nominal Impedance	8 Ω
Minimum Impedance	6.3 Ω (LF), 7.2 Ω (HF)
Frequency Range	55 - 18000 Hz
Dispersion Angle <sup>1</sup>	90°
<b>LF unit</b>	
Sensitivity (1W/1m) <sup>2</sup>	99 dB
Power Handling	
(60 - 600 Hz)	
Nominal <sup>3</sup>	250 W
Continuous Program <sup>4</sup>	500 W
Voice Coil Diameter	65 mm. (2.5 in.)
Winding Material	Copper
<b>HF unit</b>	
Sensitivity (1W/1m) <sup>5</sup>	104.5 dB
Power Handling	
(2200 - 20000 Hz)	
Nominal	30 W
Continuous Program	60 W
Voice Coil Diameter	44 mm. (1.75 in.)
Winding Material	Aluminium
Diaphragm Material	Mylar
Min. Recom. Crossover <sup>6</sup>	1.8 kHz

### Thiele & Small Parameters<sup>7</sup>

Fs	54 Hz
Re	5.5 Ω
Qes	0.37
Qms	7.2
Qts	0.35
Vas	94.6 dm.3 (3.3 cu. ft.)
Sd	522 cm.2 (80.9 sq. in.)
η <sub>0</sub>	3.8 %
X max	± 2.6 mm.
Mms	35 gr.
Bl	13.4 Tm
Le	1.2 mH



Horns

HF Compression drivers

Coaxials

Speakers

## 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	182 mm. (7.2 in.)
Flange and Gasket Thickness	16 mm. (5/8 in.)
Net Weight	7.2 Kg. (15.8 lb.)
Shipping Weight	8 Kg. (17.6 lb.)
Shipping Box	380x380x240 mm. (15x15x9.4 in.)

<sup>1</sup> Included by -6 dB down points, averaged from 1 kHz to 8 kHz. With B&C XO-2 crossover filter.

<sup>2</sup> Applied RMS Voltage is set to 2.83V for 8 ohms and 4V for 16 ohms Nominal Impedance. Average SPL from 200 to 3000 Hz.

<sup>3</sup> 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.

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

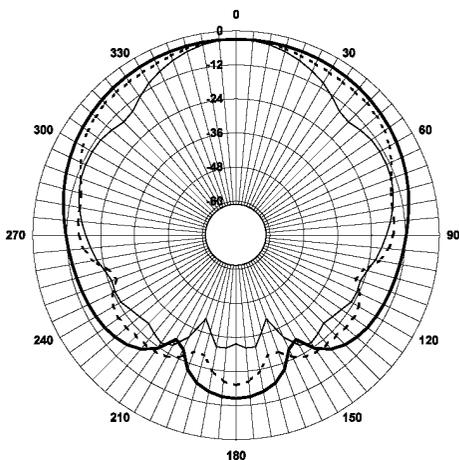
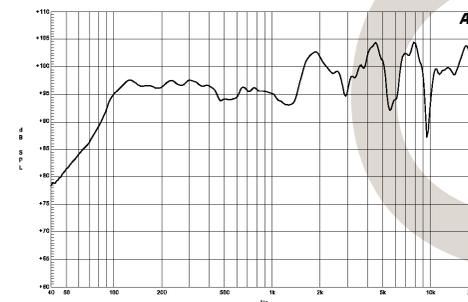
<sup>5</sup> Average SPL from 1500 to 18000 Hz.

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

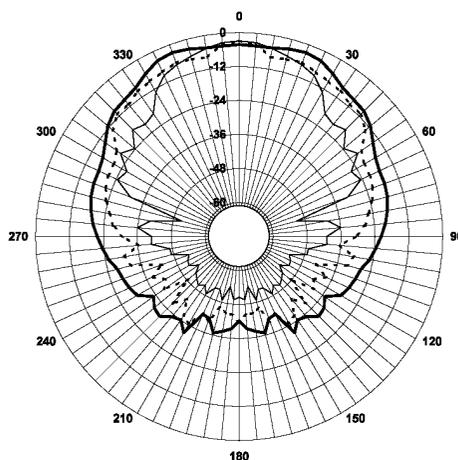
## XO-2 Crossover

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)



— 0,5 kHz  
- - - 1 kHz  
· · · 2 kHz



— 4 kHz  
- - - 8 kHz  
· · · 16 kHz

