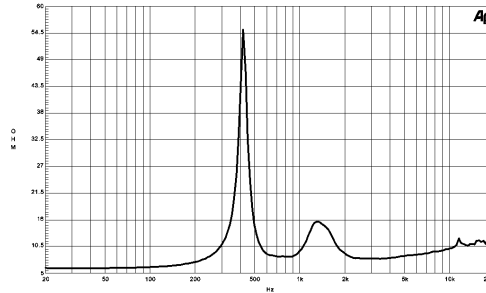
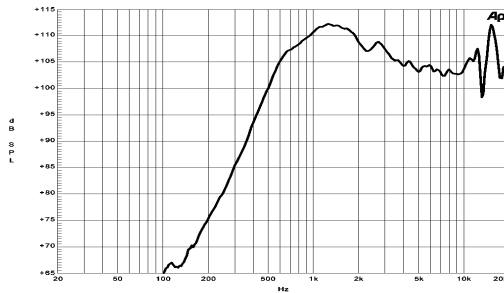




## DE 82 | Hf Compression drivers

1.4" high frequency compression driver. The particular mylar/titanium diaphragm using a 3" edgewound flat aluminium wire voice coil and a optimized high energy ceramic magnet assembly using a copper shorting ring assembly produce smooth response and excellent sonic properties .



Horns

HF Compression drivers

Coaxials

HPL

Speakers

### Specifications<sup>1</sup>

Throat Diameter	36 mm (1.4 in)
Nominal Impedance	8 Ω
Minimum Impedance	8 Ω
Power Handling (1000 - 20000 Hz)	
Nominal <sup>2</sup>	80 W
Continuous Program <sup>3</sup>	160 W
Sensitivity (1W/1m) <sup>4</sup>	107 dB
Frequency Range	0.5 - 18 kHz
Recommended Crossover <sup>5</sup>	1000 Hz
Voice Coil Diameter	75 mm (3 in)
Winding Material	Aluminium
Inductance	0.14 mH
Diaphragm Material	Titanium
Flux Density	1.8 T

Also available in 16 Ω, data upon request

### Mounting and Shipping Information

Four M6 holes 90° on 102 mm (4 in) diameter

Overall Diameter	170 mm (6.7 in)
Depth	67 mm (2.6 in)
Net Weight (1 unit)	4.5 kg (9.9 lb)
Shipping Weight (2 units)	9.6 kg (21.2 lb)
Shipping Box (2 units)	210x210x190 mm (8.3x8.3x7.5 in)

<sup>1</sup> Driver mounted on B&C ME 90 horn.

<sup>2</sup> 2 hours test made with continuous pink noise signal (6 dB crest factor) within the specified range. Power calculated on rated minimum impedance.

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

<sup>4</sup> Applied RMS Voltage is set to 2.83V for 8 ohms and 4V for 16 ohms Nominal Impedance. Average SPL from 500 to 18000 Hz.

<sup>5</sup> 12 dB/oct. or higher slope high-pass filter.



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