

DH450 16 Ω

SPECIFICATIONS

Driver mounted on B&C ME 45 horn.

Throat Diameter	25 mm (1 in)
Nominal Impedance	16 Ω
Minimum Impedance	12.3 Ω
Nominal Power Handling	20 W
2 hour test made with continuous pink noise signal within the range from the recommended crossover frequency to 20 kHz. Power calculated on rated minimum impedance.	
Continuous Power Handling	40 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	110 dB
Applied RMS Voltage is set to 4 V for 16 ohms Nominal Impedance.	
Frequency Range	1 kHz - 18 kHz
Recommended Crossover	1 kHz
12 dB/oct. or higher slope high-pass filter.	
Voice Coil Diameter	44 mm (1.7 in)
Winding Material	Aluminium
Inductance	0.22 mH
Flux Density	1.9 T
Diaphragm Material	HT Polymer

MOUNTING AND SHIPPING INFO

<p>Two M5 holes 180° on 57 mm (2.24 in) diameter.</p><p>Diameter is 90mm at widest point (driver rotated, across mounting studs).</p>

Overall Diameter	69 mm (2.72 in)
Depth	48 mm (1.89 in)
Net Weight	0.53 kg (1.16 lb)
Shipping Units	1 pcs
Shipping Weight	0.56 kg (1.23 lb)
Shipping Box	105x105x65 mm (4.1x4.1x2.6 in)

SERVICE KITS

HF replacement-diaphragm	MMDDH45016
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- Very Compact 69 mm diameter
- 40 W continuous program power capacity
- 1" horn throat diameter
- 44 mm (1.7 in) aluminium voice coil
- HT Polymer diaphragm
- 1000 - 18000 Hz response
- 110 dB sensitivity

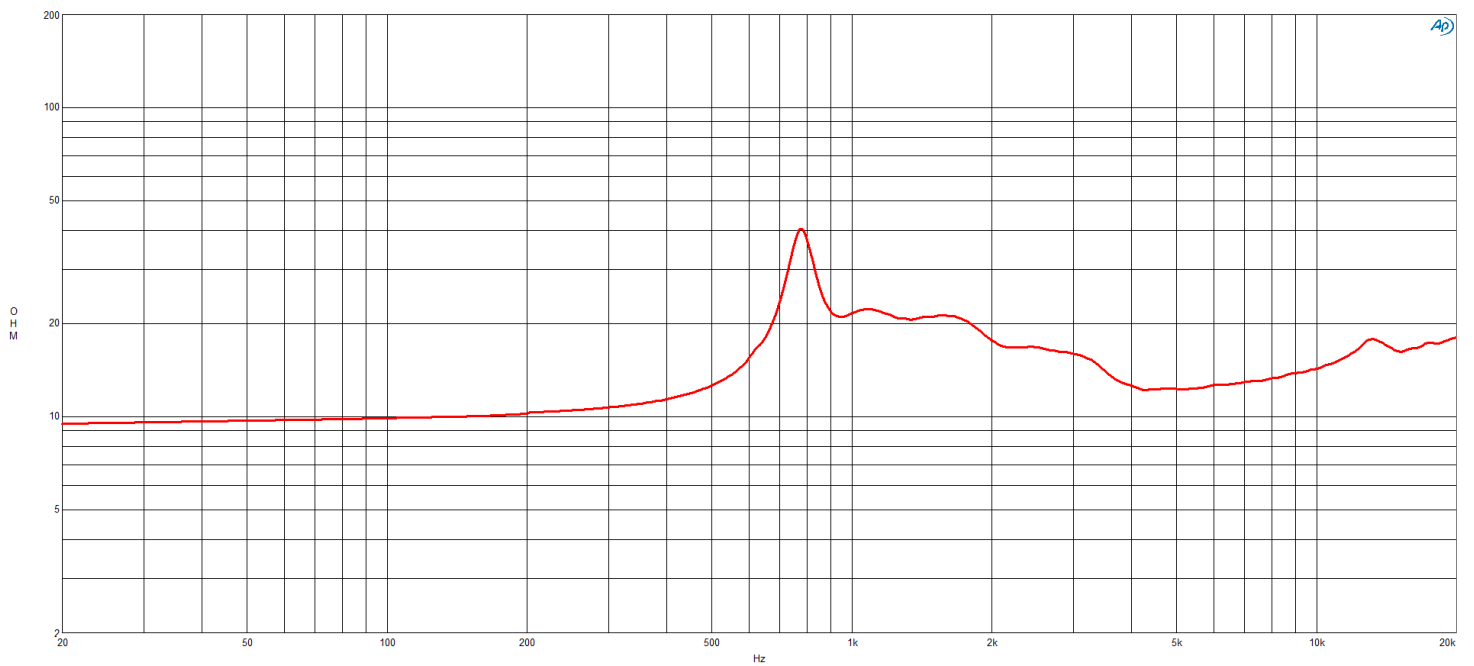
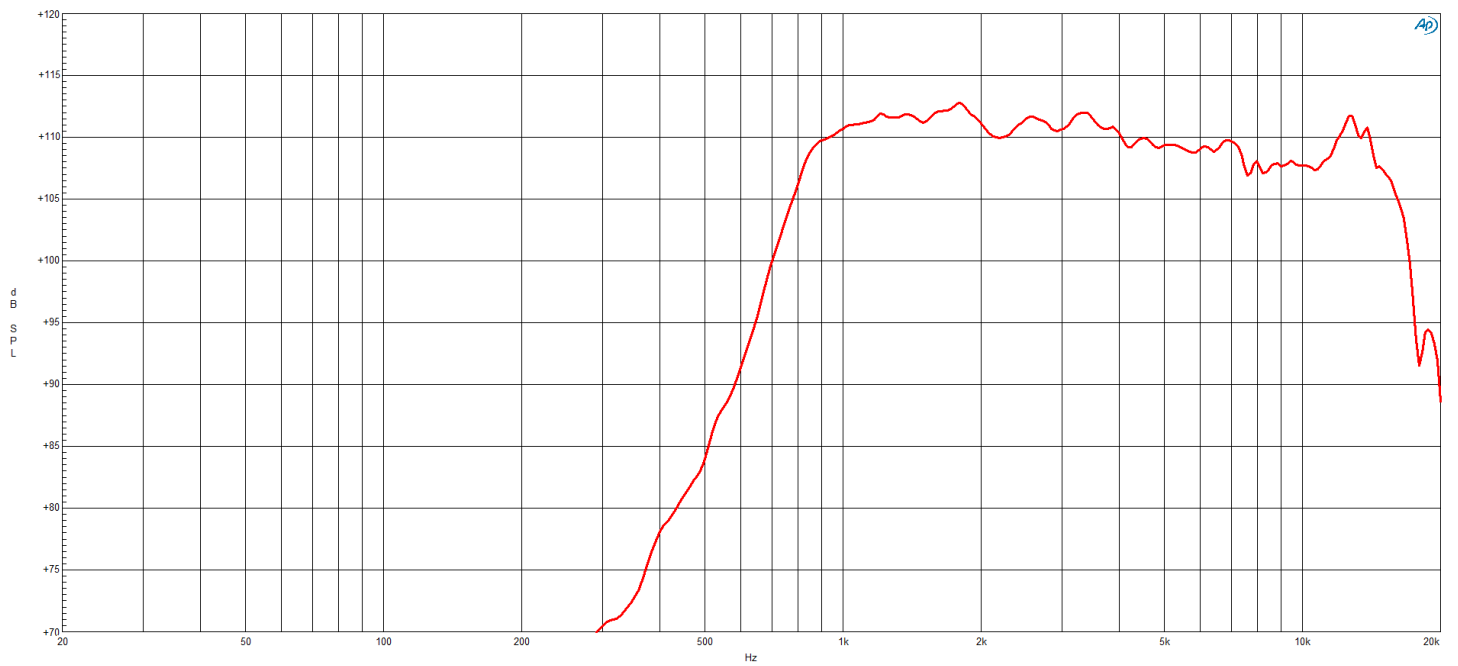
HLX Series - The Helical Approach

B&C has a reputation for performance, by turning the limits of traditional compression driver design on their head. HLX™: Compression driver efficiency in miniature. The HLX™ phase plug (US Patent #12149906) has a central channel that is twisted, like DNA, to gain the length required to match the outer channels. This technique works with standard, cost-effective injection mold tooling and plastics by rotating the inner die along a screw profile. The convex dome design, so achieved, has a number of significant cost and performance advantages.

- Minimized diameter, weight, and cost
- Increased diaphragm area
- Low, ~1kHz Crossover point
- Reduced distortion, especially intermodulation distortion
- More efficient magnetic flux use



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