

DH450H 8 Ω

SPECIFICATIONS

Driver mounted on B&C ME 45 horn.

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| Throat Diameter | 25 mm (1 in) |
| Nominal Impedance | 8 Ω |
| Minimum Impedance | 7.8 Ω |
| Nominal Power Handling | 40 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 | 80 W |
| Power on Continuous Program is defined as 3 dB greater than the Nominal rating. | |
| Sensitivity | 109 dB |
| Applied RMS Voltage is set to 2.83 V for 8 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 | 0.16 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>

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| Overall Diameter | 69 mm (2.72 in) |
| Depth | 65 mm (2.56 in) |
| Net Weight | 0.6 kg (1.32 lb) |
| Shipping Units | 1 pcs |
| Shipping Weight | 0.64 kg (1.41 lb) |
| Shipping Box | 120x120x65 mm (4.72x4.72x2.56 in) |

SERVICE KITS

| | |
|--------------------------|------------------|
| HF replacement-diaphragm | MMDDH4508 |
|--------------------------|------------------|

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

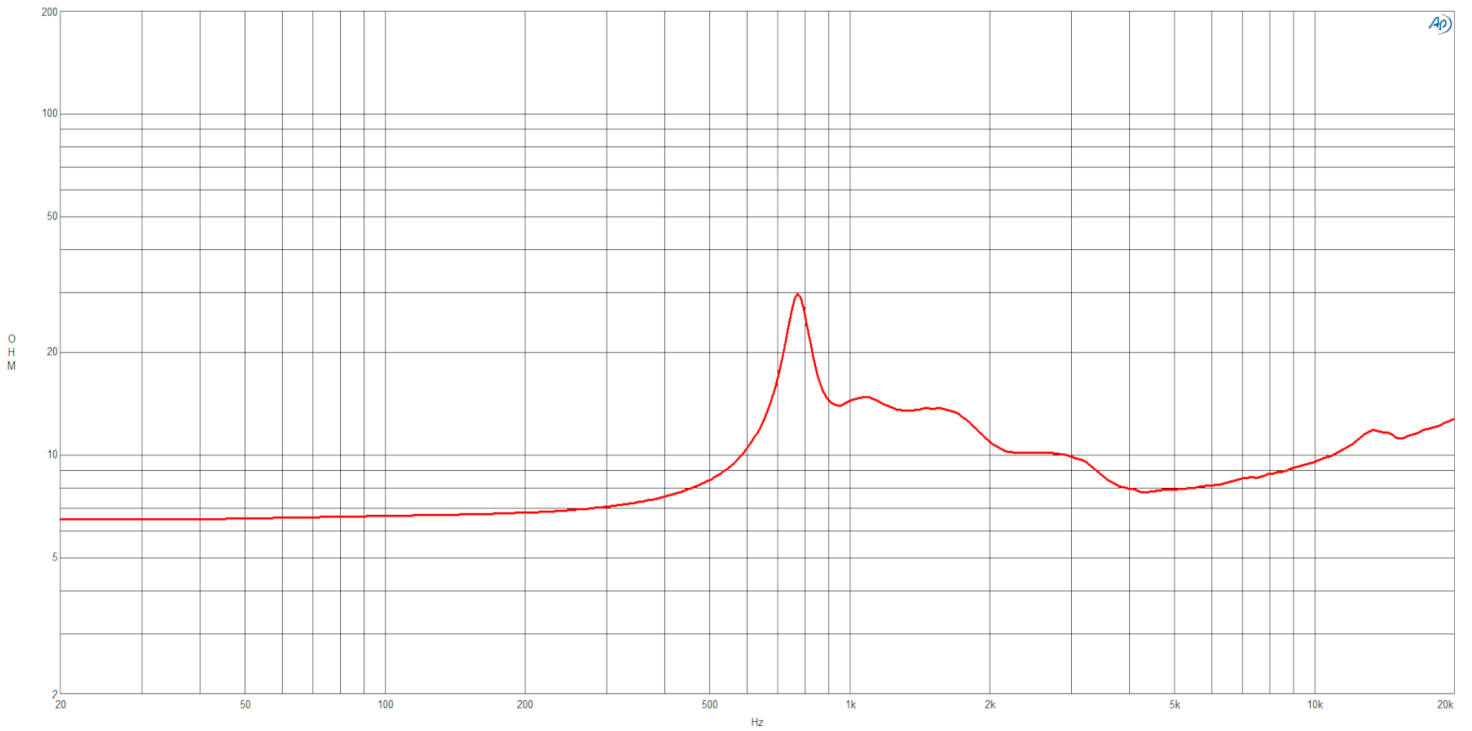
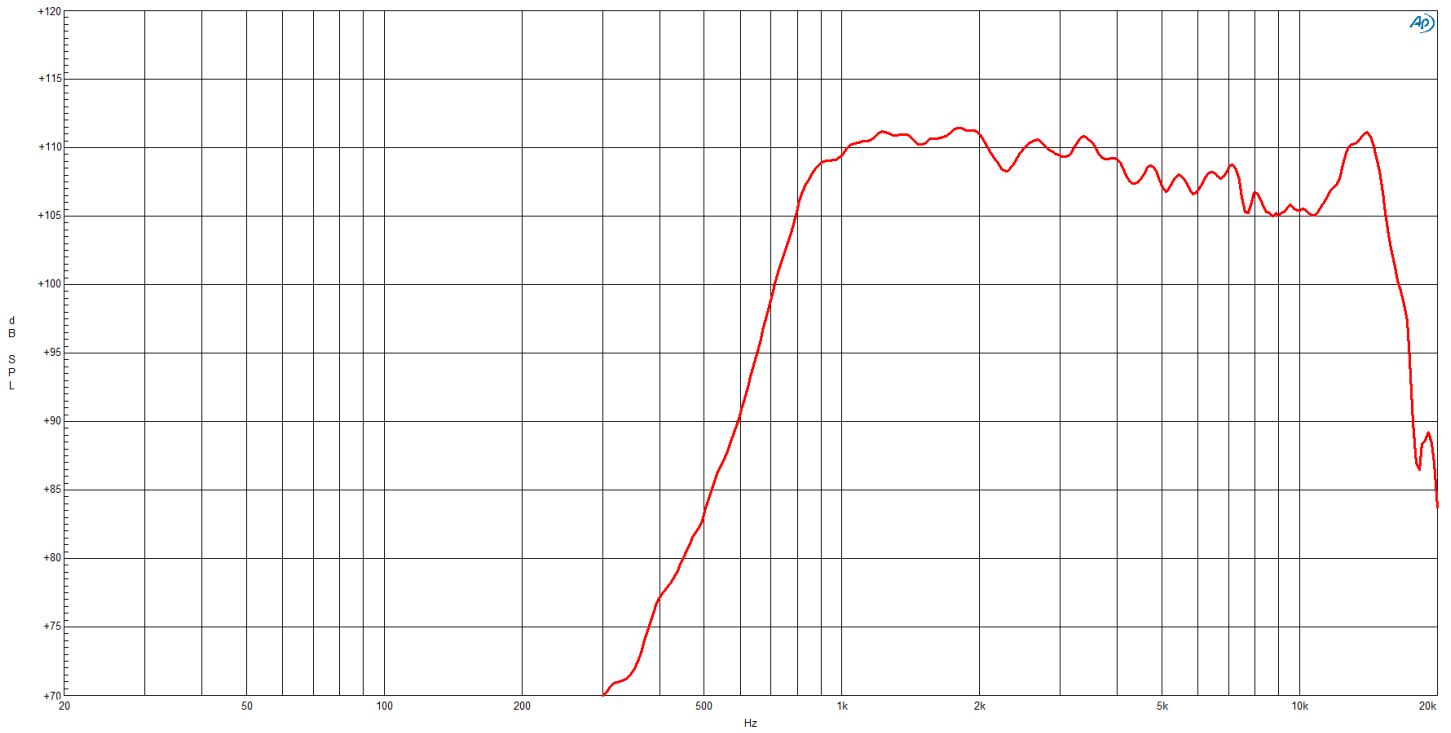
HLX Series - The Helical Approach

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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