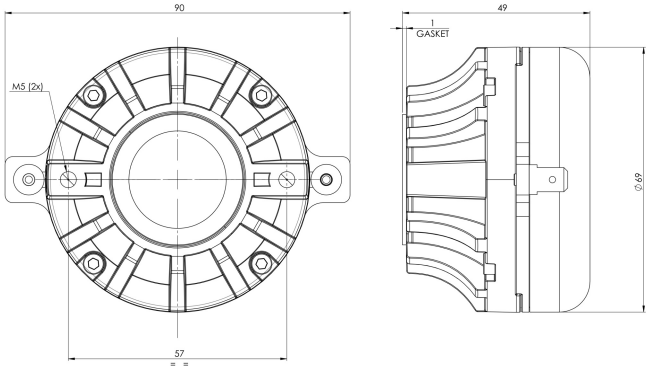
DH450

16Ω

Drivers HF - 1.0 Inches



- 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
- 110 dB sensitivity
- * Small heat sink required for full power application

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 and EP Patents Pending) 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

B&C Speakers s.p.a.

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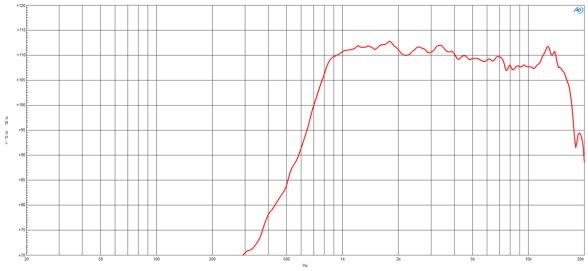

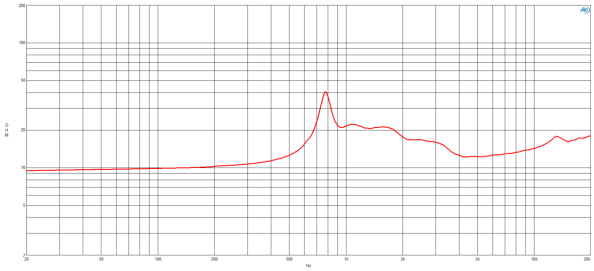

ESPECIFICACIÓN

Diámetro de la garganta	25 mm (1.0 in)
Impedancia nominal	16 Ω
Impedancia minima	12.3 Ω
Manejo de potencia nominal	40 W
Manejo de potencia continua	80 W
Sensibilidad	110.0 dB
Rango de frecuencia	1.0 - 18.0 kHz
Cruce recomendado	1.0 kHz
Diámetro de la bobina	44 mm (1.73 in)
Material de la bobina	Aluminium
Inductancia	0.22 mH
Material del diafragma	HT Polymer
Densidad de flujo	1.9 T
Material del imán	Neodymium Inside Slug

INFORMACIÓN DE MONTAJE Y ENVÍO

Two M5 holes 180° on 57 mm (2.24 in) diameter.

Diameter is 90mm at widest point (driver rotated, across mounting studs).

Diámetro total	69 mm (2.72 in)
Profundidad	48 mm (1.89 in)
Peso neto	0.53 kg (1.16 lb)
Unidades del envío	1
Peso del envío	0.56 kg (1.23 lb)

Caja de envío
105x105x65 mm (4.13x4.13x2.56 in)

Otros detalles
One M5 threaded hole on the back of the magnet structure is available for the installation of an optional heat sink.

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