

4" Carbon Fiber Midbass Woofer

KEY FEATURES

- Light weight, rigid carbon fiber cone with rubber surround
- 2.6 mm, Klippel verified minimum Xmax
- Vented, square cast aluminum basket
- 1" voice coil, edge-wound copper on Kapton form
- Wide frequency range, 60 to 12kHz
- 0.9 kg, (2.1 lb) net weight

GENERAL SPECIFICATIONS

Nominal Diameter (in & mm)	4" (102 mm)
Nominal Impedance (Z) (Ω)	8
Rated Power AES (W)	25 (50 watts peak)
Magnet Weight (oz)	12
Voice Coil Diameter (in & mm)	1" (25.4 mm)
SPL (dB) 1W @ 1M	88
Frequency Range (Hz)	60Hz-12kHz

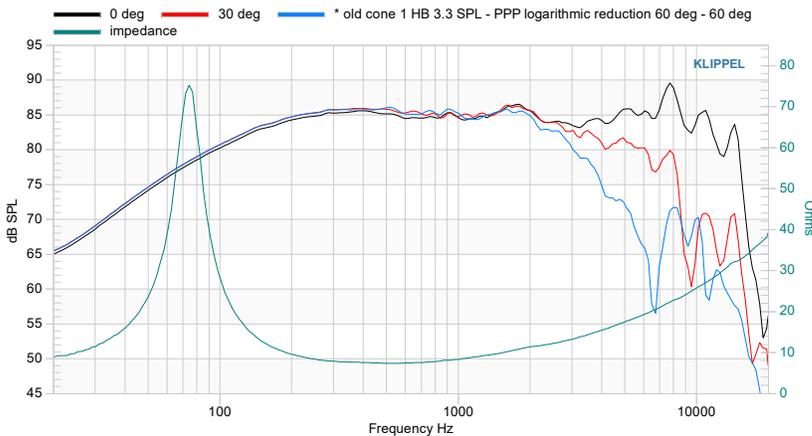
SMALL SIGNAL PARAMETERS

Fs (Hz)	68
Re (Ω)	6.4
Le (mH)	0.33
Mms (g)	6.49
Rms (kg/s)	0.34
Cms (mm/N)	0.84
Bl (T*m)	7.23
Qms	8.3
Qes	0.34
Qts	0.33
Vas (Liters)	3.31
Sd (cm ²)	52.8
Xmax (mm) Klippel verified @82% Bl	2.6



FREQUENCY RESPONSE AND IMPEDANCE CURVES

- Input: 2.83 volts measured at 1 meter



ABOUT BOLD NORTH AUDIO

Bold North Audio products are the most accurate, engineered audio transducers available. Each design undergoes Klippel vibrational test analyses to verify the key characteristics for optimal audio performance. While we rely heavily on objective science to lead us, we understand that most of all speakers need to tell the musical truth. Our engineers, musicians, and recording studio veterans are the final judges of when a design is worthy of the Bold North Audio brand. All Bold North Audio products are designed and assembled in Minnesota, with parts sourced from around the world to produce the highest combination of performance, consistency, and customer value.

MATERIAL DESCRIPTIONS

Basket	Cast Aluminum
Magnet Material	Ferrite
Cone Material	Carbon Fiber
Cone Edge	Rubber
Dust Cap	Poly
Voice Coil	Copper
Voice Coil Former	Kapton