

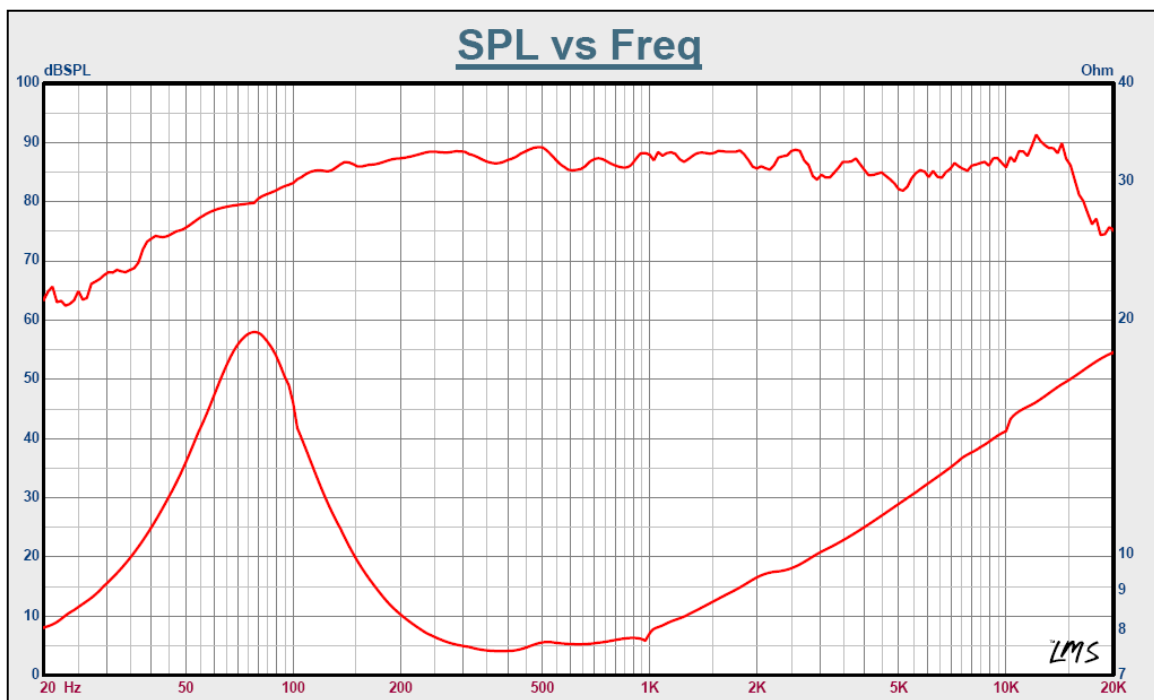
HORIZON™ 100 MIDRANGE

The Horizon 100 is a 100mm nominal midrange designed for all high performance applications. It features a very wide bandwidth of 100 Hz to 15 kHz, low distortion, easy integration, and high output.



The Horizon 100 uses a 38.5mm diameter voice coil in an XBL™ motor structure to provide more than 5.5mm one-way linear motion and very high power handling. The high stroke and high power handling combine to provide exceptionally wide and linear dynamics with no restrictions in terms of peak musical output. The CuAl™ Induction System keeps the impedance well under control for wide bandwidth.

Physical construction includes a cast aluminum basket, neo-cup motor design for an intrinsically magnetic shielded design, very shallow depth (less than 40mm total depth), and a proprietary true flat diaphragm made from an aluminum honeycomb, skinned with Mylar and covered with sputtered poly. A rubber surround of our Rev-S shape combines with a semi-progressive large-roll surround to yield a stable and low-loss suspension.



Fs 77 Hz	Re 5.6 Ohms
Vas 4.9 Liters	Le 0.04 mH
Qms 1.4	BL 4.3 N/A
Qes 0.58	Mms 4 grams
Qts 0.41	Sd 57 cm ²
SPL 90 dB @ 2.83Vrms	Xmax 11mm peak to peak

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