

Blackline H3⁺

Three-way bi-amp trapezoid Hybrid™
fully horn loaded

features

- ▶ All-horn three-way system
- ▶ 'Phase-ball' loaded mid-driver
- ▶ Hybrid™ LF section
- ▶ Fitted with handles and castors
- ▶ Five year limited warranty

applications

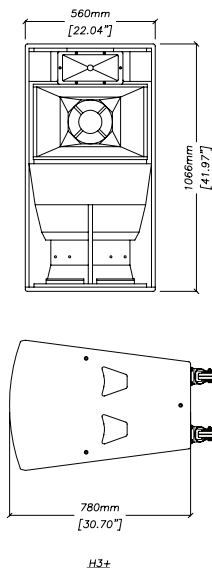
- ▶ Larger club performance
- ▶ Large scale installs

The Blackline H3⁺ is a very high performance, all-horn, three-way system in a single, wide-bandwidth package. New drivers have been developed for improved performance in all bands. The Hybrid™ low frequency section comprises a horn-loaded 15" (380mm)/4" (100mm) voice coil driver that is reflex loaded to extend the LF output to below the natural cut-off point of the horn. The new LF driver features a water resistant cone and triple roll surround for increased excursion.

The mid-horn of the H3⁺ has a unique 'phase-ball' loading device which maintains the constant directivity characteristics of the horn at the upper end of its range. It is driven by a new 10" (250mm) midrange driver with an aluminium demodulating ring for improved high-mid clarity and reduced distortion when driven hard. The 70° x 40° HF section of the H3⁺ features a neodymium 1" (25mm) exit compression driver with a Kapton diaphragm for high sensitivity and extended HF performance. The internal mid/high passive crossover allows this three-way system to be driven in a bi-amp configuration.

A Martin Audio M3⁺ or DX1 Electronic Controller is available to provide H3⁺ crossover and limiter facilities.

overall dimensions



technical specifications

TYPE	Three-way bi-amp trapezoid Hybrid™ fully horn loaded
FREQUENCY RESPONSE (5)	50Hz-18kHz ± 3dB
DRIVERS	15" (380mm)/4" (100mm) voice coil bass driver 10" (250mm)/2.5" (63.5mm) voice coil mid driver 1" (25mm) exit HF compression driver
RATED POWER (2)	LF: 750W AES, 3000W peak MF + HF: 300W AES, 1200W peak
RECOMMENDED AMPLIFIER	LF: 400-1500W into 4 ohms MF + HF: 400-800W into 4 ohms
SENSITIVITY (6)	LF: 104dB, MF + HF: 104dB
MAXIMUM SPL (7)	131dB continuous, 137dB peak
NOMINAL IMPEDANCE	LF: 8 ohms, MF + HF: 8 ohms
DISPERSION (-6dB)	70° horizontal, 40° vertical
CROSSOVER	200Hz active, 2kHz passive
ENCLOSURE	250 litre, multi-laminate birch ply
FINISH	Textured black paint
PROTECTIVE GRILLE	Black perforated steel
CONNECTORS	2 x Neutrik NL4
PIN CONNECTIONS	LF +, - : 1+, 1-, (MF + HF) +, - : 2+, 2-
FITTINGS	12 x M10 inserts 4 x 4" (100mm) castors, 4 x pocket handles
DIMENSIONS (inc wheels)	(W) 560mm x (H) 1066mm x (D) 780mm (911mm) (W) 22ins x (H) 42ins x (D) 30.7ins (35.9ins)
WEIGHT	77.5kg (170.5lbs)

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