

DESCRIPTION

HMB115 is a very high output band-pass horn system.

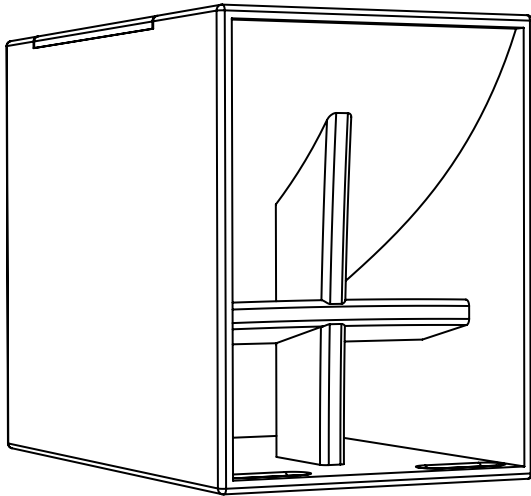
The folded horn is loaded with 15" high-power, low-mass neodymium transducer, and is capable of high SPL output in the 50 - 200 Hz bandwidth.

The small and acoustically dampened front chamber, allows the HMB115 capable of very clean and distortion-free bass notes to the higher SPL levels.

Finds best application as bass and upper-bass extension as well as a solid stand-alone bass system.

KEY FEATURES

- Impactful and punchy upper bass character
- Low frequency extension capable
- Compact form factor vs output
- High efficiency bass output



SPECIFICATIONS

ACOUSTIC	HMB115-N
Raw Frequency Response	45Hz - 300 Hz (-6 dB)
Suggested Bandwidth*	55 Hz - 130Hz
Sensitivity (1w/1m)	106 dB SPL
Max SPL (Peak)**	TBD
Max SPL (Cont)***	TBD
Nominal Dispersion	Omnidirectional
Sound Color	Tight - Bodied

*Suggested filters: BT24 HPF and BT18 LPF for maximum performance with no EQ applied.
 **Calculated with typical 10dB Crest Factor on Measured Continuous Max SPL Capability.
 ***Measured with M-Tone 60s stimulus with 30 Hz BT24 HPF to obtain AVG 2dB Compression.

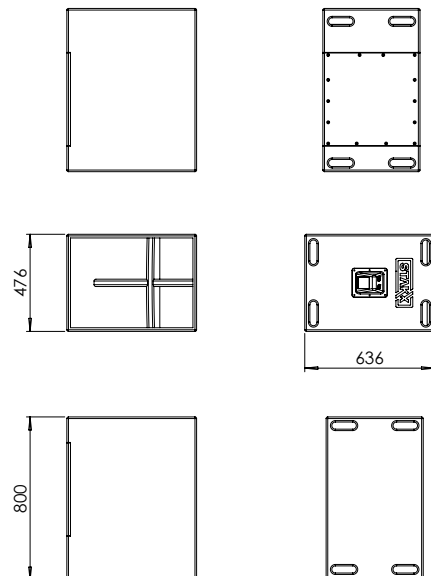
ELECTRIC	HMB115-N
Transducers	15" - 4" VC Ferrite
AES Rated Power	900 W
Program Power*	1800 W
Peak Voltage**	TBD
Nominal Impedance	8Ω
Minimum Impedance	6.9Ω
Connectors	2 x Neutrik SpeakON

*Program power is defined as 3 dB greater than the AES rating.
 **Max Peak Voltage is defined as Voltage Limiter Setting with 10ms Attack

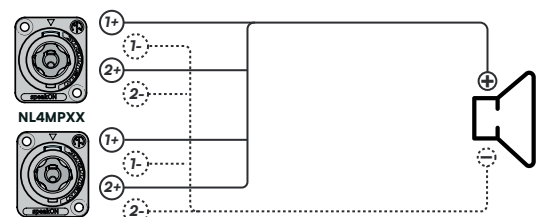
ENCLOSURE	
Dimensions	476 x 636 x 800 mm
Weight	60 kg / 132 lbs
Material	18mm Russian Birch WBP
Coating	2K Raptor Liner - RAL Colors*
Finish	Embossed paint*
Grille	Powder coated carbon steel*
Wheels	-

*Customizable on request

TECHNICAL DRAWINGS

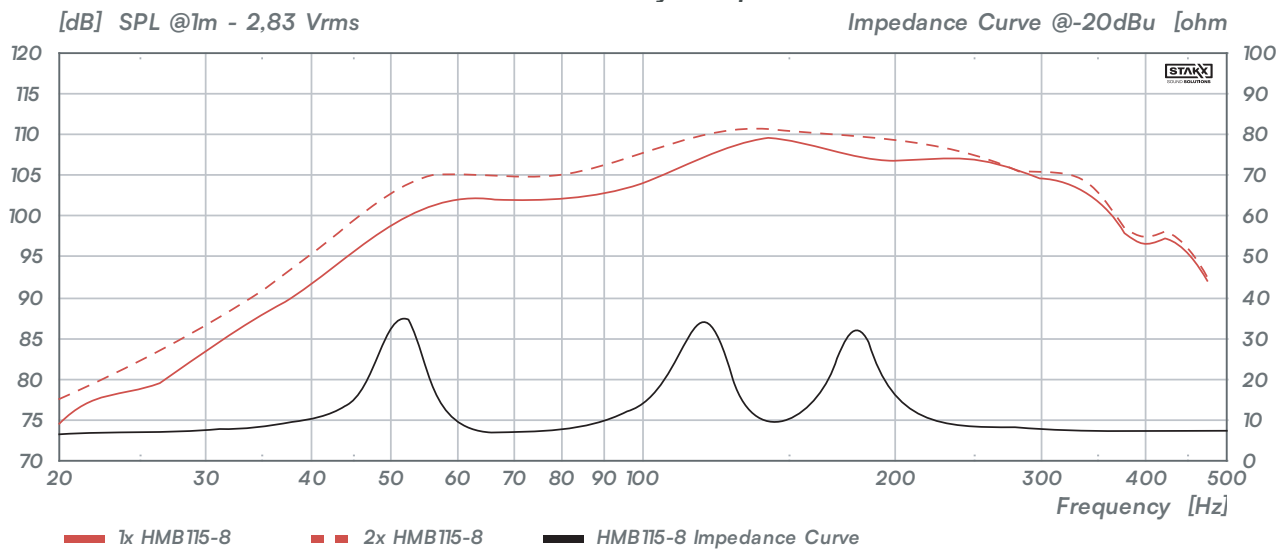


CONNECTION DIAGRAM



*Customizable on request

HMB115 - Sensitivity & Impedance



HMB115 + DSP

