

DESCRIPTION

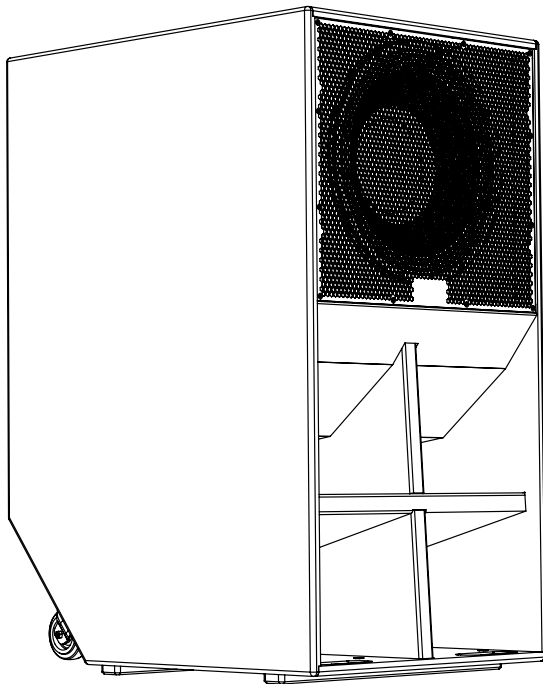
SHB118 is a very high efficiency and deep bass oriented back-loaded horn subwoofer system.

Thanks to a proprietary compression chamber and horn expansion design, we developed a system capable of unmatched deep bass presence, SPL performance and control of the transducer.

Finds best application for heavy bass oriented music reproduction with as few as 2 or 3 boxes.

KEY FEATURES

- Proprietary compression chamber design
- Unmatched low octave extension and control
- Extended emission coherence over 100Hz
- Reduced power compression, increased Maximum SPL capability



SPECIFICATIONS

| ACOUSTIC | SHB118-115 | SHB118-110 |
|------------------------|-----------------------|-----------------------|
| Raw Frequency Response | 28Hz - 165 Hz (-6 dB) | 28Hz - 165 Hz (-6 dB) |
| Suggested Bandwidth* | 32 Hz - 60 to 125 Hz | 32 Hz - 60 to 125 Hz |
| Sensitivity (1w/1m) | 103 dB SPL | 103 dB SPL |
| Max SPL (Peak)** | 145 dB SPL | 144 dB SPL |
| Max SPL (Cont)*** | 135 dB SPL (@40Hz) | 134 dB SPL (@40Hz) |
| Nominal Dispersion | Omnidirectional | Omnidirectional |
| Sound Color | Cold - Brute Force | Balanced - High Power |

*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 | SHB118-115 | SHB118-110 |
|-------------------|---------------------|---------------------|
| Transducers | 1 x 18" - 4.5" VC | 1 x 18" - 4" VC |
| AES Rated Power | 1700 W | 1500 W |
| Program Power* | 3400 W | 3000 W |
| Peak Voltage** | TBD | TBD |
| Nominal Impedance | 8Ω - 4Ω | 8Ω - 4Ω |
| Minimum Impedance | 7,2Ω - 4,9Ω | 6,7Ω - 4,3Ω |
| Connectors | 2 x Neutrik SpeakON | 2 x Neutrik SpeakON |

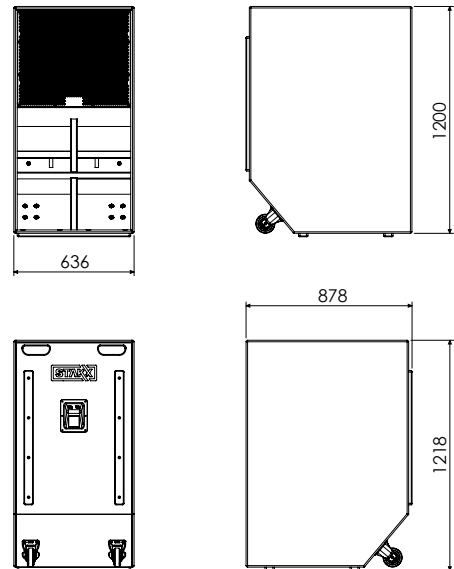
*Program power is defined as 3 dB greater than the AES rating.
 **Max Peak Voltage is defined as Voltage Limiter Setting with 10ms Attack

ENCLOSURE

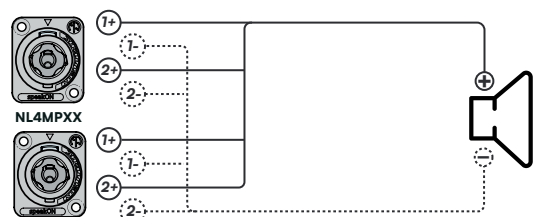
| | |
|------------|-------------------------------|
| Dimensions | 1218x 636 x 878 mm |
| Weight | 100 kg / 220 lbs |
| Material | 18mm Russian Birch WBP |
| Coating | 2K Raptor Liner - RAL Colors* |
| Finish | Embossed paint* |
| Grille | Powder coated carbon steel* |
| Wheels | 2 x 100mm Rattle-less Wheels* |

*Customizable on request

TECHNICAL DRAWINGS

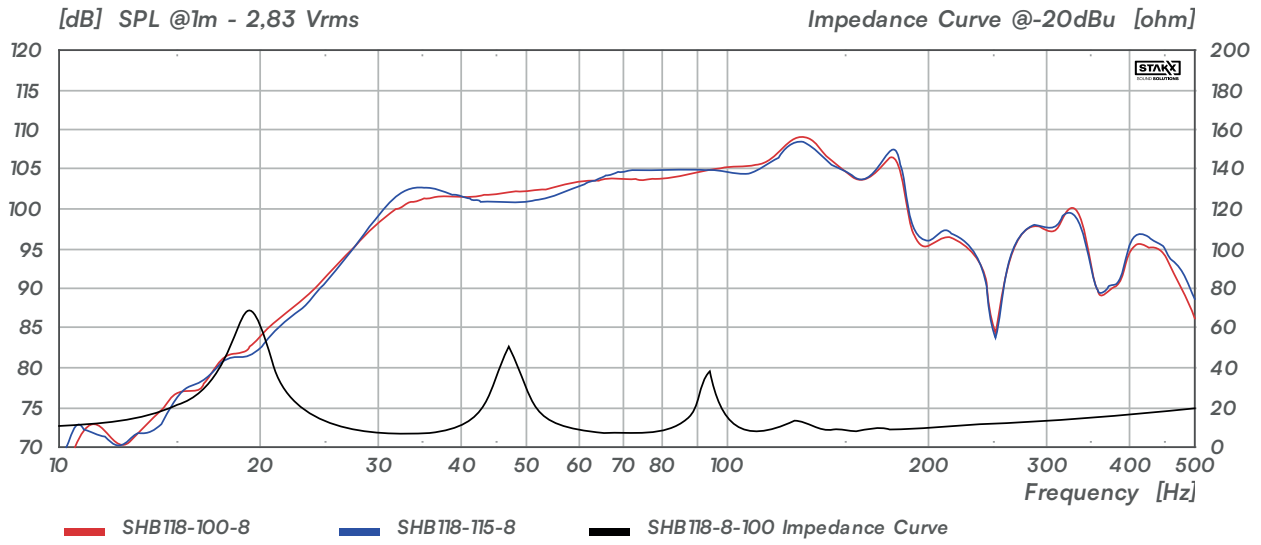


CONNECTION DIAGRAM



*Customizable on request

SHB118 - Sensitivity & Impedance



SHB118 + DSP Response

