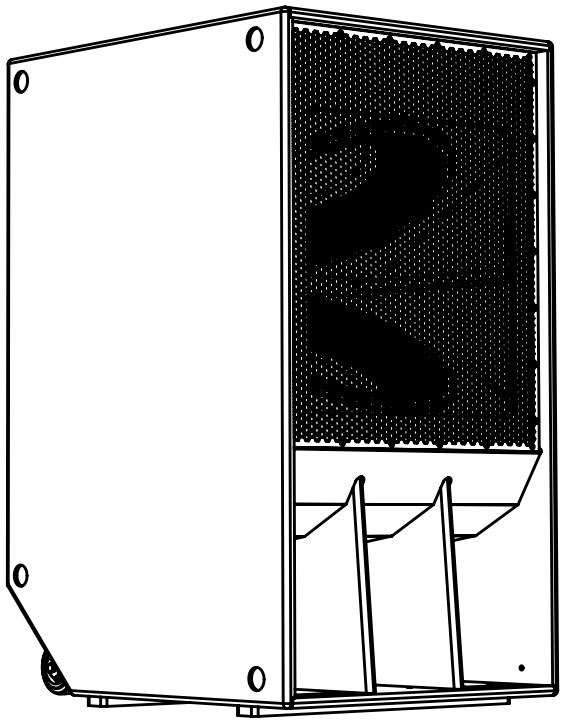
STAKX PR218 LEGACY



DESCRIPTION

PR218 is a compact, high power density subwoofer system in a quasi-bandpass acoustic loading.

It features two 18” lightweight speakers loaded in a non-resonant front chamber, allowing for natural sounding yet extend upper bass frequency response.

PR218 shows exceptional low compression and low noise port emission thanks to the exponential flare of the “power reflex” vent geometry.

KEY FEATURES

- **Compact, high power density system**
- **Compression and noise-free port emission**
- **Quasi-bandpass design - higher efficiency**
- **Punchy and natural upper bass freqeuncy extension**

SPECIFICATIONS

ACOUSTIC

	PR218-115	PR218-135
Raw Frequency Response	24Hz - 250 Hz (-6 dB)	24Hz - 250 Hz (-6 dB)
Suggested Bandwidth*	30 Hz - 90 to 150 Hz	30 Hz - 90 to 150 Hz
Sensitivity (1w/1m)	96 dBSPL	96 dBSPL
Max SPL (Peak)**	TBD	TBD
Max SPL (Cont)***	136 dBSPL (@40Hz)	136 dBSPL (@40Hz)
Nominal Dispersion	Omnidirectional	Omnidirectional
Sound Color	Cold - Tight	Warm - 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

	PR218-115	PR218-135
Transducers	2 x 18” - 4.5” VC	2 x 18” - 5.3” VC
AES Rated Power	3400 W	3600 W
Program Power*	6800 W	7200 W
Peak Voltage**	TBD	TBD
Nominal Impedance	4Ω / 2Ω	4Ω / 2Ω
Minimum Impedance	4.2Ω / 2.8Ω	3,7Ω / 2.2Ω
Connectors	2 x Neutrik SpeakON	2 x Neutrik SpeakON

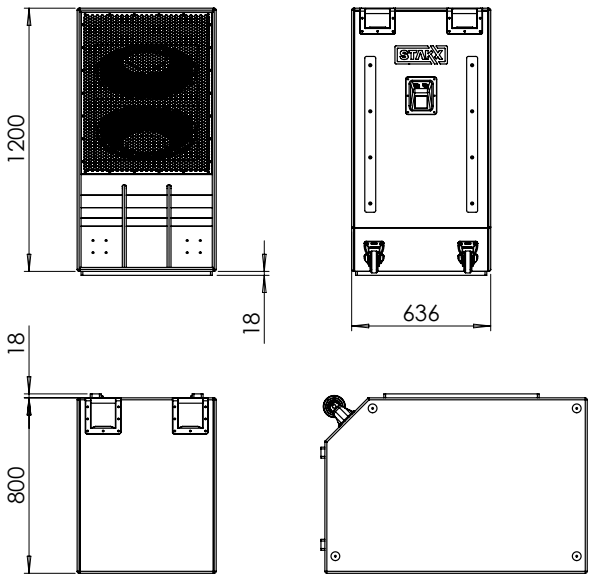
**Program power is defined as 3 dB greater than the AES rating.*
***Max Peak Voltage is defined as Voltage Limiter Setting with 10ms Attack*

ENCLOSURE

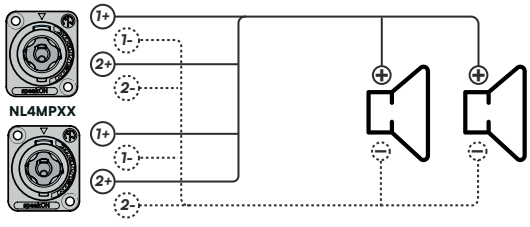
Dimensions	1218x 636 x 818 mm
Weight	100 kg / 220 lbs
Material	18mm Russian Birch WBP
Coating	2K Raptor Liner - RAL Colors*
Finish	Embossed paint*
Grille	Powderd coated carbon steel*
Wheels	2 x 100mm Rattle-less Wheels*

**Customizable on request*

TECHNICAL DRAWINGS

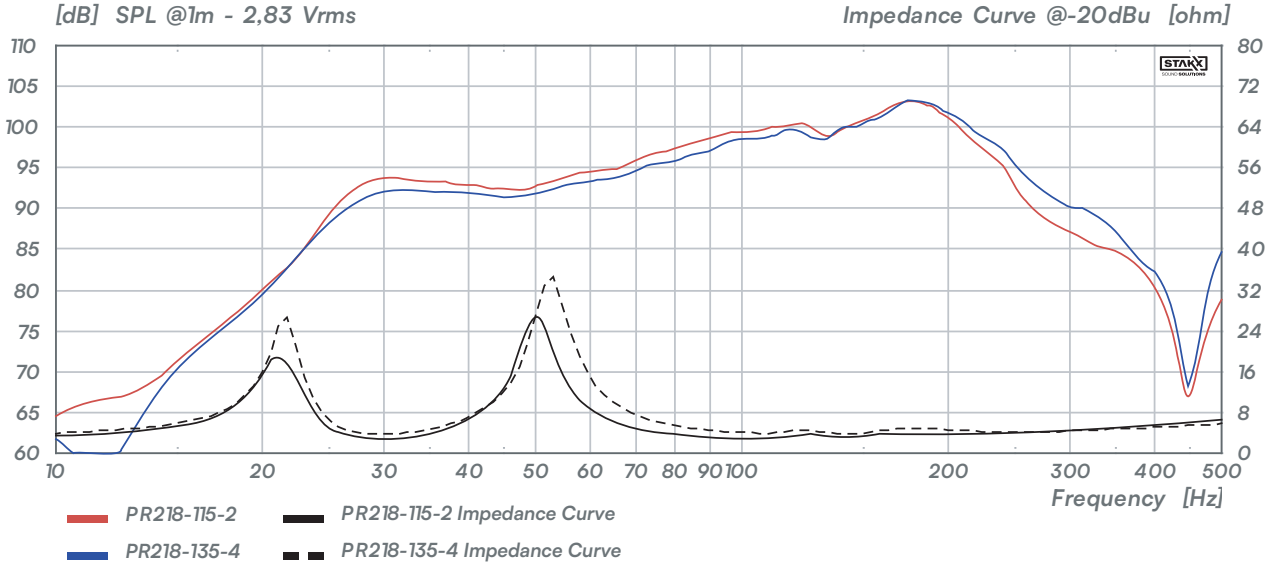
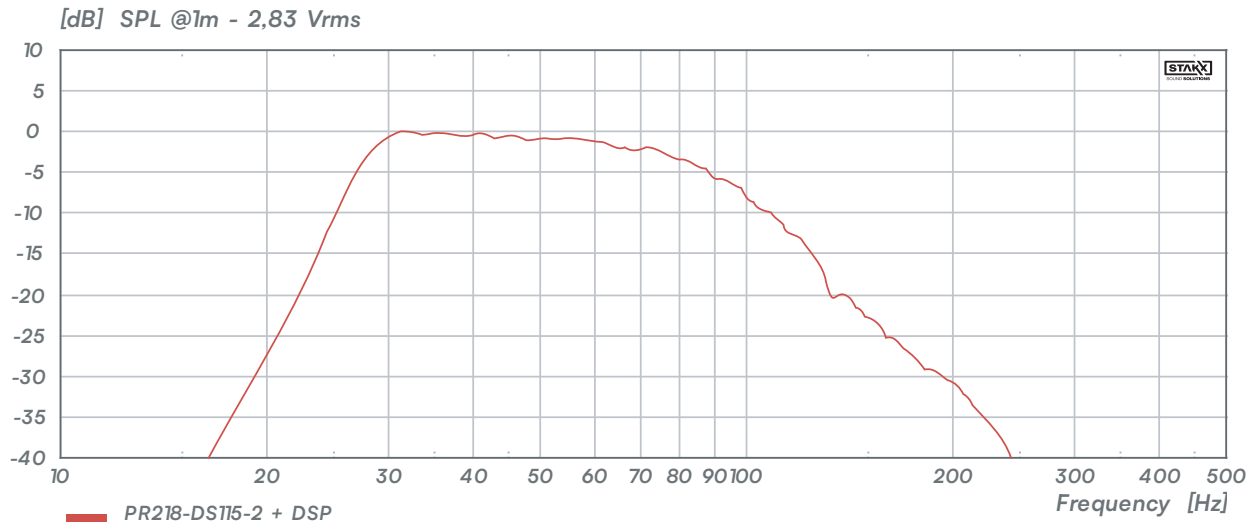


CONNECTION DIAGRAM



**Customizable on request*

PR218 - Sensitivity & Impedance



PR218 - Sensitivity & Impedance