

Waveburg
CUSTOM ACOUSTIC DESIGN **PRO**[®]
By syncrotek



HL118s LTR
FOLDED HORN
18-INCH SUBWOOFER

www.waveburg.com





HL118s LTR FOLDED HORN 18-INCH SUBWOOFER

Features

- Powerful output up to continuous power of 1000W for extreme requirement application.
- State-of-the-art european transducer with ultra-high sensitivity and extra-low distortion.
- Very low excursions at extreme drive level, due to the accurate design of the rear load of the bass horn.
- Enhanced bracing for a rigid cabinet for tight bass.
- Stackable cabinets; vertical / horizontal (3 options) medium through / long through / ultra long through.
- Phase problems free in the near field notorious of horn-based designs.

Applications

- Touring
- Stadiums
- Concert-halls & ballrooms
- Large clubs
- Multi-purpose halls

Specification

System Configuration: Direct radiation / rear loaded bass horn subwoofer

Components: 1 x 18" high power transducer, carbon fiber reinforced, straight ribbed cone & the double silicon spider (DSS), assure an ultra-linear piston action & provide full control across the entire working range

Frequency Response : +/-3dB 60 Hz to 250 Hz -10dB 35 Hz to 300 Hz

Sensitivity SPL (@ 1W - @1m): 105dB

Recommended Crossover Point: 150kHz

Impedance: 8 Ω

Power Rating: Continuous 1000W Program 2000W Peak 7000W

Calculated Maximum Sensitivity: Continuous 135dB Program 138.01dB Peak 143.45dB

Construction info

Enclosure: Multi-layer birch plywood constructed

Finishing: Cabinet: Black Polyurea Texture Paint. Grill: Black Powdered Paint

Mounting Hardware: 2 x castors 5 x handle (aluminum)

Connectors: 2 x SpeakOn NL-4

Protective Grille: 15 Gauge Hexagon Perforated Steel

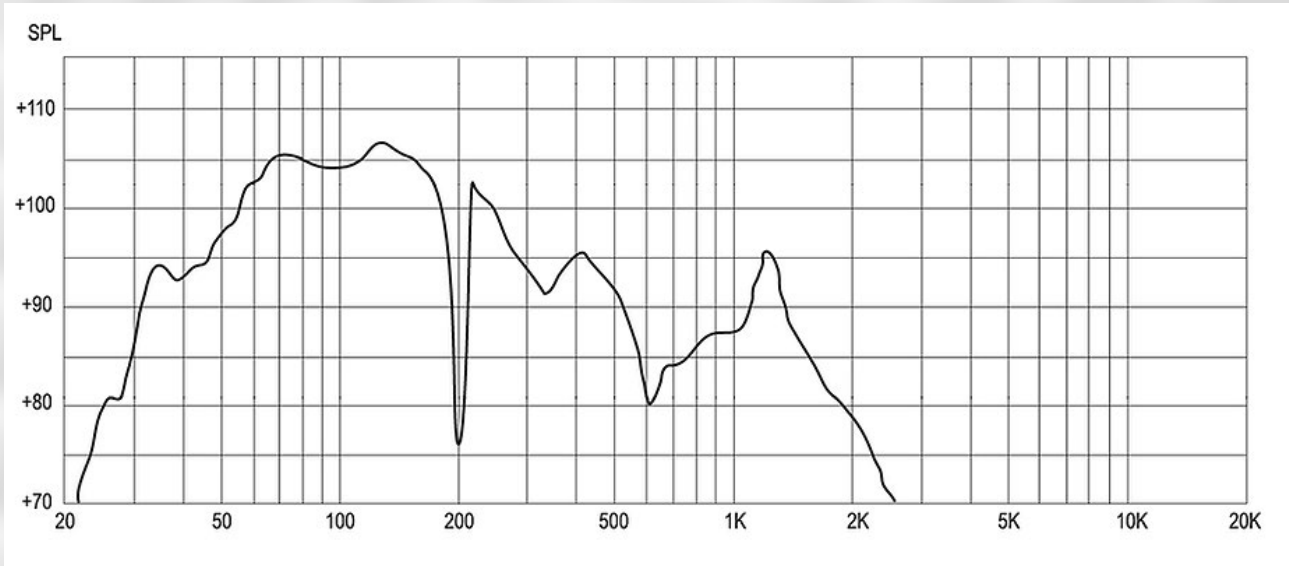
Dimensions: 1330mm(H) x 580mm(W) x 809mm(D)

Packing Dimensions: 1380mm (H) x 630mm(W) x 860mm(D) Volume : 0.7477cbm

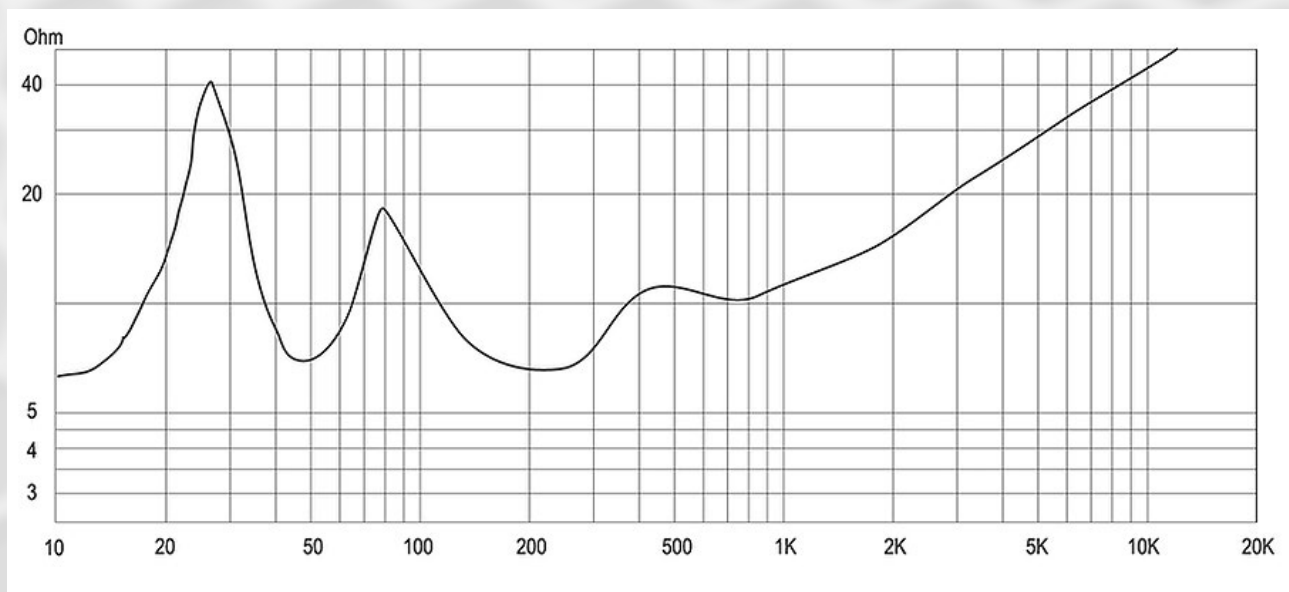
Net Weight: 362kgs (136.4lbs)

Gross Weight: 65kgs (143lbs)

Frequency Response Curve



Impedance Magnitude Curve



**THIS IS HOW
MUSIC SHOULD**

SOUND

Solutions By Syncrotek:



- 5407 Bandera Rd, Ste. 111, San Antonio, TX 78238, USA
- Phone: +1 (210) 251 4767
- info@syncrotek.com
- www.syncrotek.com