

## Applications

- ◆ Theatre/Auditoria.
- ◆ Houses of Worship.
- ◆ Dance Clubs/Discotheques.
- ◆ Live Sound Reinforcement.
- ◆ Multi-Use Sports Facilities & Stadiums.
- ◆ Audio Visual.

## Features

- ◆ (1) 18" (460mm) Cool-Coil™ LF Device.
- ◆ Large port area for optimal LF tuning.
- ◆ Same cabinet profile / dimensions as the iHP3500 Series full-range loudspeakers (iHP3564 and iHP3594).
- ◆ (23) Load-rated M10 Rigging Points.
- ◆ (4) M8 OmniMount™ 240 inserts.
- ◆ Robust Tuf-Coat™ Finish.
- ◆ Dual NL4-compatible locking connectors and Barrier Strip Inputs.

## Description

The i118S is a high power, trapezoidal, installation subwoofer designed to complement the iHP3500 Series full-range loudspeakers. The exterior dimensions of the i118S match those of the iHP3564 and iHP3594, thereby allowing full-range cabinets and LF sections to be combined together in aesthetically pleasing arrays/clusters that are acoustically and aesthetically designed to work together. The i118S is not limited to flown systems; its small footprint makes it the ideal choice where space enables it to be used without being obtrusive.

The i118S is comprised of a single 18" (460mm) high power Cool Coil™ low frequency driver in a front loaded, ported configuration.

The rugged 13-ply Baltic birch enclosure is finished with Community's robust, smooth Tuf-Coat™ finish. The enclosure also incorporates 23 load-rated M10 rigging points and 4 M8 OmniMount™ 240 inserts in the rear of the enclosure. Simple and flexible installation is achieved using optional hardware from an extensive range designed specifically for the iBOX Series. See the iBOX Hardware Guide for more details.

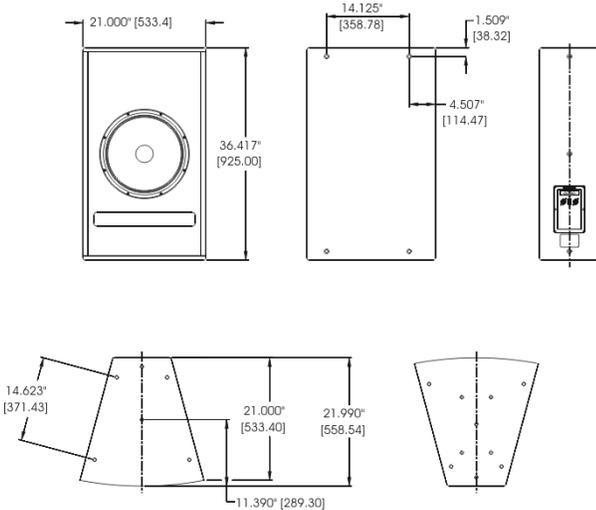
# i118S

HIGH POWER, 1 x 18-INCH, INSTALLATION, TRAPEZOIDAL SUBWOOFER

# Community

True to Specification

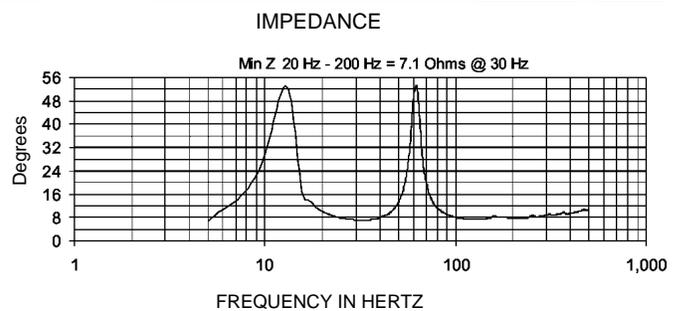
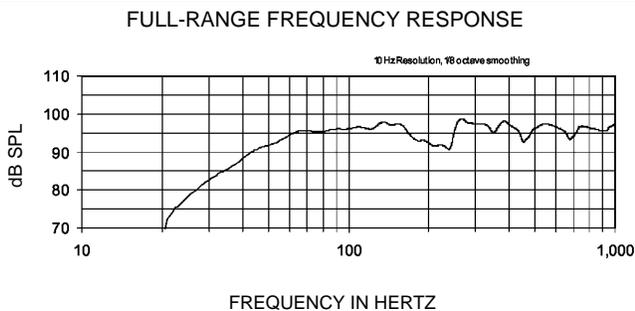
## Line Drawings and Specifications



Loudspeaker Type:	Ported Subwoofer
Operating Range:	38 Hz - 1000 Hz 42 Hz - 100 Hz ( $\pm 3$ dB)
Max Input Ratings (Passive):	RMS 600W, Program 1500W
Recommended Power Amplifier:	1250W to 1800W @ 8 Ohms
Sensitivity 1W/1m:	97 dB SPL (50 Hz - 160 Hz 1/3 octave bands)
Maximum Output:	125 dB SPL / 132 dB SPL (peak)
Nominal Impedance (Passive):	8 Ohms
Min Impedance:	7.1 Ohms @ 30 Hz
Nominal -6dB Beamwidth:	360° H x 180° V
Recommended Signal Processing:	30 Hz high pass filter
Drivers:	LF (1) 18" Cool-Coil™ Technology
Input Connection:	(2) NL4-compatible locking connectors (4) Terminal Barrier Strip
Controls:	None
Enclosure:	13-ply Baltic birch, Tuf-Coat™ finish
Finish:	Black, white and unfinished versions available. Contact factory for finish details.
Mounting / Rigging Provisions:	(23) M10 flying/rigging inserts (4) M8 OmniMount™ 240 inserts
Grille:	16 gauge perforated steel
Required Accessory:	Electronic high pass filter
Optional Accessories:	M10EYBLKIT 10 mm eyebolt kit Mounting / Rigging hardware - See the iBOX Hardware Guide for more information.
Dimensions:	Height: 36.42 in. / 925 mm Width (front): 21 in. / 533 mm Width (rear): 9.9 in / 251 mm Depth: 21.99 in. / 559 mm
Weight:	99 lbs / 44.9 kg
Shipping Weight:	118 lbs / 53.5 kg

- Sensitivity:** Free field pink noise measurement at 8 ft / 2.4 m at 80% power; extrapolated to 1 meter and an input of 2.83 volts RMS.
- Watts:** All wattage figures are calculated using the rated nominal impedance.

## Measurements



## Architects

The loudspeaker system shall be a subwoofer in a front loaded, ported configuration with one 18 in. Cool Coil™ LF driver. There shall be one four-terminal barrier strip and two NL4-compatible locking connectors. The loudspeaker enclosure shall be 13-ply Baltic birch plywood and shall be fitted with 23 x M10 and 4 x M8 flying/rigging inserts and finished with Tuf-Coat™. The front of the enclosure shall be fitted with a 16 gauge perforated steel grille. The system shall have an amplitude response of 42 Hz to 100 Hz (+/- 3 dB), input capability of 69 V RMS, 97 dB sensitivity at one meter and 2.83V / 8 ohms nominal impedance. The nominal dispersion shall be 360° H x 180° V. The loudspeaker shall be 36.42 in. (925 mm) H x 21.00 in. (533 mm) W(front) x 9.9 in. (251 mm) W(rear) x 21.99 in. (559 mm) D and weigh 99 lbs (44.9 kg).

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