



ahead of the curve®

Masterful.

“Subwoofers of the Gods”

– Chris Martens, *The Perfect Vision*, February 2007



Editors' Choice

– 2008, 2009, 2010, 2011, 2012 & 2013, *The Absolute Sound*

“What are they, exactly? I can’t answer that in a nutshell. Not if you want more specific than fantastic. The condensed version is that they are relatively small, insanely well-built, extremely powerful, very smooth, tight, detailed to a fine line, clean, poised, dynamically proficient, utterly kick-ass subwoofers.”

– Colin Miller, *Secrets of Home Theater and High Fidelity*



FATHOM® f112

The challenges associated with designing high-output, compact subwoofer systems can be daunting. In most cases, designers sacrifice low-frequency extension or output capability in order to keep a design acceptably small.

The Fathom® subwoofers sacrifice nothing, thanks to the dynamic advantages of their proprietary JL Audio drivers. These exceptional woofers allow for a true subwoofer passband and very high output, while keeping distortion well below audible thresholds. To extract full benefit from the excursion envelope of its woofer design, each Fathom® employs an uncommonly powerful switching amplifier with a large toroidal transformer and a patented circuit, designed to enhance control and fidelity.

The compact design and conventional form factor of the Fathoms apply beautifully to most home theater applications, including built-in designs. Front-mounted controls make them comfortable to set up and adjust, while JL Audio’s exclusive Automatic Room Optimization circuit makes sure that response is smooth, even in challenging rooms.

While remaining very compact, the f112 is powerful enough to anchor serious home theater setups and is equally at home in the most critical music listening applications.

Fathom® f112 Features:

Unbalanced Inputs:

Stereo or Mono (two RCA jacks)

Balanced Inputs:

Stereo or Mono (two female XLR jacks)

Output To Slave:

Balanced (one male XLR jack)

Input Modes:

Master or Slave

Level Modes:

Reference (fixed gain) or Variable from full mute to +15 dB over reference gain

Power Modes:

Off, On or Automatic Signal-Sensing

Light Modes:

Off, On or Dim

Low Pass Filter Mode:

Off, 12 dB per octave or 24 dB per octave

Low Pass Filter Crossover Frequency:

Variable from 30 Hz – 130 Hz

Polarity:

0 or 180 degrees

Phase:

Variable from 0 – 280 degrees

E.L.F. Trim:

Variable from -12 dB to +3 dB at 25 Hz

Automatic Room Optimization (A.R.O.):

with included, laboratory-grade calibration microphone, defeatable

Fathom® f112 Specifications:

Enclosure Type:

Sealed

Drivers:

Single 12-inch (nominal diameter)

Frequency Response: (anechoic)

21 – 119 Hz (± 1.5 dB)
 -3 dB at 19 Hz / 150 Hz
 -10 dB at 17 Hz / 167 Hz

Effective Piston Area:

84 sq. in. (0.0542 sq. m)

Effective Displacement:

287 cu. in. (4.7 liters)

Amplifier Power:

1500 watts RMS short-term

Dimensions* (H x W x D):

18.50 in. x 15.0625 in. x 17.75 in.
 470 mm x 384 mm x 451 mm

Net Weight:

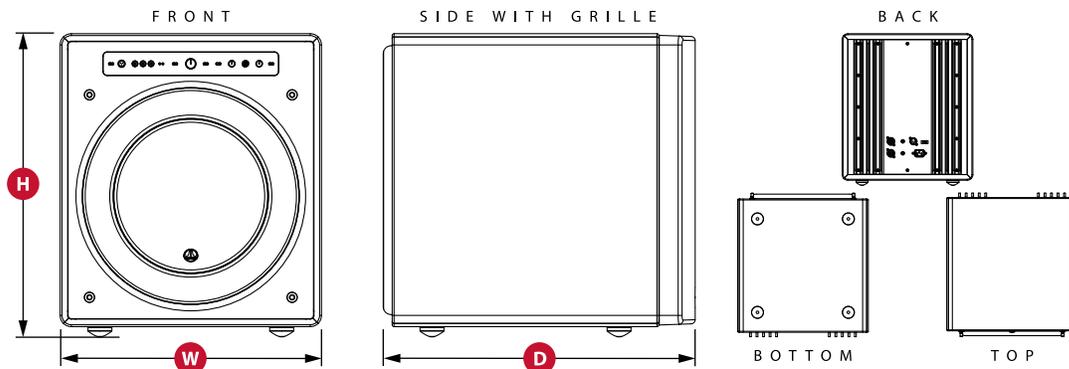
115 lbs. (52 kg)

Cabinet Finish:

High-Gloss Black

Built in USA

with imported and domestic components



* All height dimensions include feet, depth dimensions include grilles.



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