



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

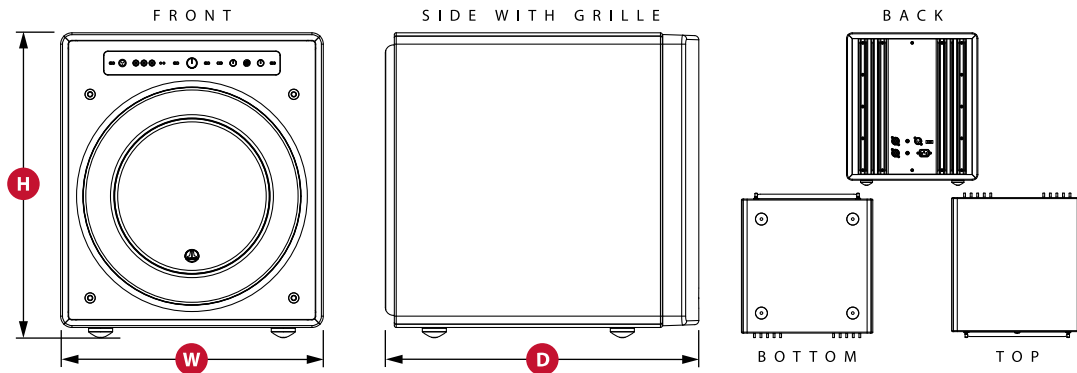
The challenges associated with designing high-output, compact subwoofer systems can be daunting. In most cases, designers sacrifice low-frequency extension or output capability in order to keep a design acceptably small.

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:	Fathom® f112 Specifications:
Unbalanced Inputs: Stereo or Mono (two RCA jacks)	Enclosure Type: Sealed
Balanced Inputs: Stereo or Mono (two female XLR jacks)	Drivers: Single 12-inch (nominal diameter)
Output To Slave: Balanced (one male XLR jack)	Frequency Response: (anechoic) 21 – 119 Hz (±1.5dB) –3 dB at 19 Hz / 150 Hz –10 dB at 17 Hz / 167 Hz
Input Modes: Master or Slave	
Level Modes: Reference (fixed gain) or Variable from full mute to +15 dB over reference gain	Effective Piston Area: 84 sq. in. (0.0542 sq. m)
Power Modes: Off, On or Automatic Signal-Sensing	Effective Displacement: 287 cu. in. (4.7 liters)
Light Modes: Off, On or Dim	Amplifier Power: 1500 watts RMS short-term
Low Pass Filter Mode: Off, 12 dB per octave or 24 dB per octave	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
Low Pass Filter Crossover Frequency: Variable from 30 Hz – 130 Hz	Net Weight: 115 lbs. (52 kg)
Polarity: 0 or 180 degrees	Cabinet Finish: High-Gloss Black
Phase: Variable from 0 – 280 degrees	Built in USA with imported and domestic components
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	



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



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