



Benchmark.



2008-2019
"Editors' Choice"

- The Absolute Sound



FATHOM® f113v2

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 powerful DSP engine and exclusive Digital Automatic Room Optimization makes sure that response is smooth, even in challenging rooms.

The f113v2 is our largest single-driver Fathom® and combines prodigious output capabilities with outstanding finesse and low distortion. A pair of f113v2's will satisfy the most demanding home theater or pro studio applications.

Fathom® f113v2 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, referenced to 80 Hz

E.L.F. Trim:

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

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

18-Band, with included, laboratory-grade calibration microphone, defeatable

Fathom® f113v2 Specifications:

Enclosure Type:

Sealed

Driver:

Single 13.5-inch (nominal diameter)

Frequency Response: (anechoic)

20 – 86 Hz (± 1.5 dB)
 -3 dB at 18 Hz / 127 Hz
 -10 dB at 16 Hz / 154 Hz

Effective Piston Area:

107.35 sq. in. (0.0693 sq. m)

Effective Displacement:

386 cu. in. (6.3 liters)

Amplifier Power:

3.0 kW RMS short-term

Dimensions* (H x W x D):

19.25 in. x 16.50 in. x 19.25 in.
 489 mm x 419 mm x 489 mm

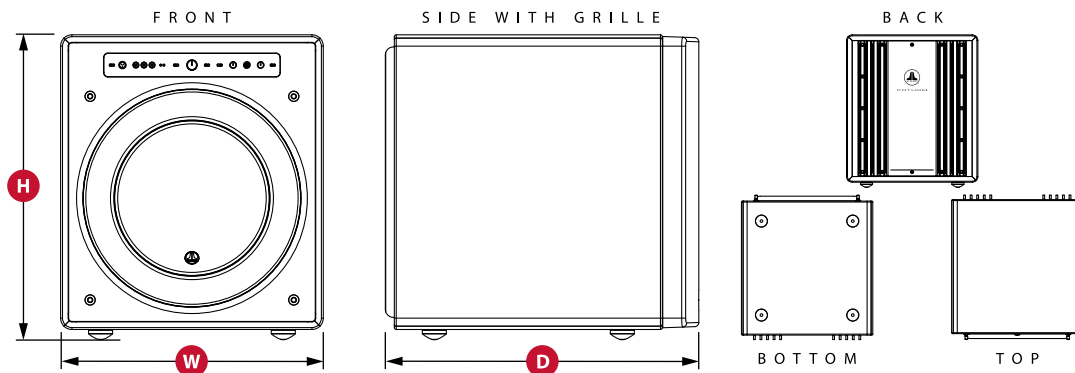
Net Weight:

131 lbs. (59 kg)

Cabinet Finish:

High-Gloss Black

Built in USA with Global Components



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



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