



Ahead of the Curve®

Irresistible.

**"But do they ROCK?  
The answer to that question is YES!"**

– Jeff Dorgay, TONEAudio, (Fathom® f110)



## FATHOM® f110

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.

As the smallest subwoofer in the lineup, the f110 is ideal for smaller rooms and installations requiring an unobtrusive solution.

## Fathom® f110 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® f110 Specifications:

### Enclosure Type:

Sealed

### Drivers:

Single 10-inch (nominal diameter)

### Frequency Response: (anechoic)

27 – 111 Hz ( $\pm 1.5$ dB)  
 -3 dB at 25 Hz / 120 Hz  
 -10 dB at 19 Hz / 155 Hz

### Effective Piston Area:

60 sq. in. (0.0387 sq. m)

### Effective Displacement:

160 cu. in. (2.6 liters)

### Amplifier Power:

900 watts RMS short-term

### Dimensions\* (H x W x D):

15.64 in. x 12.92 in. x 17.27 in.  
 397 mm x 328 mm x 439 mm

### Net Weight:

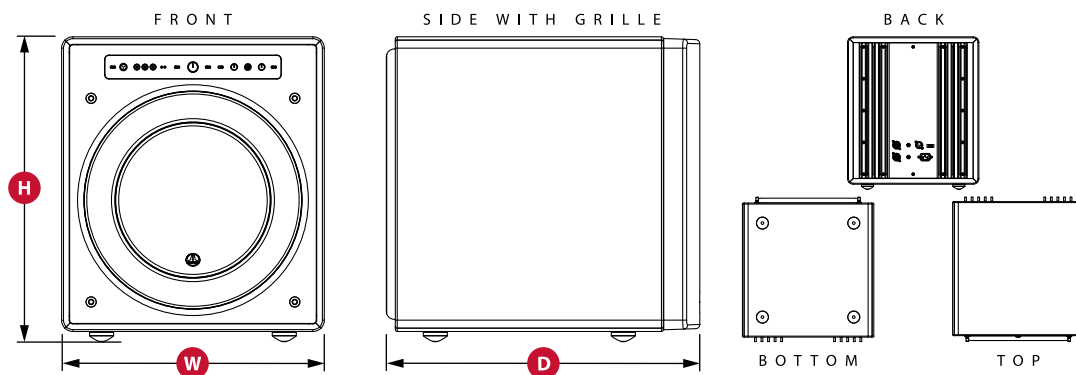
67 lbs. (30 kg)

### 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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