

final sound



where art  
and science meet



The secret to extraordinary

Home Theater is the quality of the sound.

Pairing a beautiful flat-screen TV

with tiny cubes or poor-sounding

in-wall units is like bringing cheap wine

to a gourmet dinner. Our line of

flat, affordable, high-definition speakers

are designed to bring out every sound

and special effect, even those you never

noticed before – and our revolutionary

Virtual Surround™ system promises to change

the way you experience Home Theater.

Gijsbert van den Brink

Chief Executive Officer

Final Sound Solutions

## high-definition speakers for the home theater



Digital sound reproduction has revolutionized high-performance audio. Today's stereo and home theater systems can capture the whisper of falling leaves as vividly as the explosive effects in the latest thriller. But reproducing sound with the same clarity and precision as the moment it was made is what sets Final apart from every other high-end speaker.

Final Sound has been building high-end speakers for the audiophile for more than a decade. With patented breakthroughs in lightweight, high-definition speaker design, Final revolutionized high-end audio, and its new Virtual Surround™ system finally launches Home Theater sound into the future, combining unrivaled realism, elegantly slim designs, and industry-leading technical innovation for every fan of fine audio – and video.



*Model 90i Floor-Stand Speaker*



quality



# sound as perfect as the original

High-definition sound is the ultimate sensory experience.

Final speakers are designed to reproduce digital audio like no other speakers – in any price range. Unlike conventional dynamic speakers, Final uses a proprietary diaphragm to deliver stunning sound – all on a single electrostatic panel. This virtually eliminates the crossover distortion that occurs as frequencies move among the several cones inside a standard speaker cabinet. Every speaker can now deliver sound quality so clear and rich that you can literally feel it throughout the range. Even the subwoofer is so perfectly matched that the sound is seamless as it moves from the deepest bass to the mid-range and highest tones. Using exclusive, patented technology that redefines the state of the art in electrostatic speakers, Final has made it possible to separate the flat, lightweight speaker panel from its bulky cones and case – creating the world's first modular electrostatic speaker system.



*Model 150i Wall-Mount Speakers*



design



## looking as good as they sound

A loudspeaker doesn't have to be the size – and weight – of a file cabinet to sound spectacular. One of the most obvious advantages of Final's extraordinary new technology is that it frees the thin speaker panel from its furniture. The result is a decorator's dream – no speaker box, just elegant, high-tech styling that complements the most advanced flat-panel TVs and blends with the most elegant décor. Easy-to-handle, lightweight panels can be used anywhere – floor, walls, or ceiling – to create a sound sensation. In fact, Final speakers are among the most space-efficient home theater speaker systems in the world.



*Model 600i Floor-Stand Speakers*



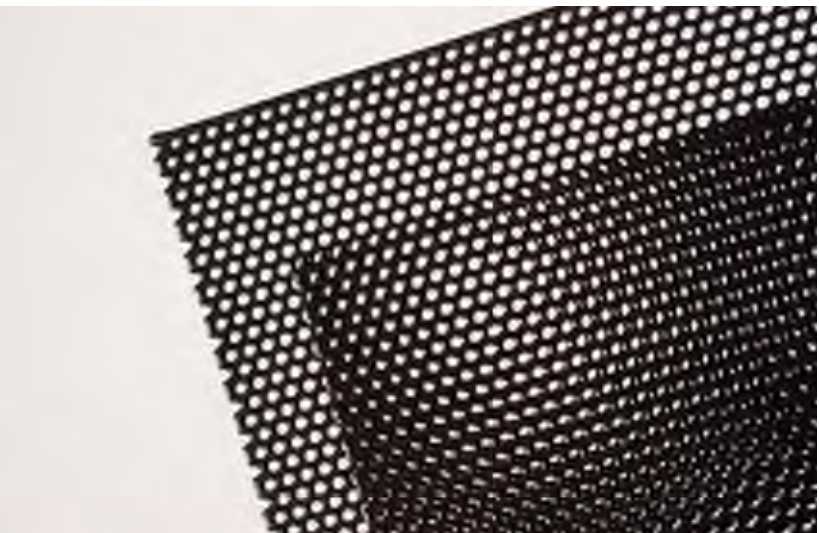
innovation





## advancing the science of sound

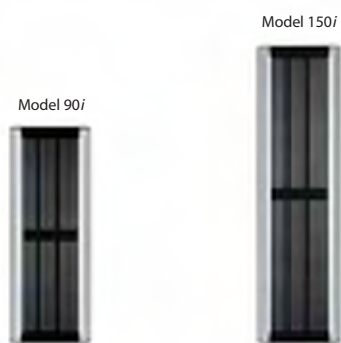
The unique new line of ultra-slim speakers from Final represents one of the most significant breakthroughs in audio speaker technology in more than 50 years. The speakers incorporate several exclusive innovations including circuitry that resists wear and tear, Final's patented Inverter Technology™ which dramatically expands the sound image for room-filling, crystal-clear sound, and Final's new Virtual Surround technology which integrates a complete surround sound system in just two front panels. The Final Virtual Surround system is a true breakthrough in Home Theater sound, featuring a digital signal processor and a high-definition electronic amplifier built either right into the LCD display or into a stand-alone amplifier.



*Final Sound's Innovative Stator Plates*



# models & specifications



## Front and Rear Speakers

### Model 90i

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Frequency Response:	150 Hz – 25 kHz +/- 3dB
Sensitivity:	86 dB (2.83 volts at 1 meter)
Impedance:	8 ohms – minimum 5 ohms at 20 kHz
Amplifier Minimum:	35 watts
Amplifier Recommended:	50 watts
Dimensions:	20.7 x 8.1 x 1 in (57.5 x 20.7 x 2.5 cm)
Dimensions (Electronics Housing):	6.3 x 2.6 x 1.8 in (16.0 x 6.5 x 4.5 cm)
Weight:	5.3 lbs. (2.4 kg)
Mounts:	Wall-Mount (standard), Upright Floor-Stand (additional cost)
Finish:	Satin-silver with black

### Model 150i

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Frequency Response:	130 Hz – 25 kHz +/- 3dB
Sensitivity:	86 dB (2.83 volts at 1 meter)
Impedance:	8 ohms – minimum 5 ohms at 20 kHz
Amplifier Minimum:	35 watts
Amplifier Recommended:	50 watts
Dimensions:	30.7 x 8.1 x 1 in (78.2 x 20.7 x 2.5 cm)
Dimensions (Electronics Housing):	6.3 x 2.6 x 1.8 in (16.0 x 6.5 x 4.5 cm)
Weight:	7.8 lbs. (3.5 kg)
Mounts:	Wall-Mount (standard), Upright Floor-Stand (additional cost)
Finish:	Satin-silver with black



## Front and Rear Speakers

### Model 400i

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Frequency Response:	65 Hz – 22 kHz +/- 3dB
Sensitivity:	86 dB (2.83 volts at 1 meter)
Impedance:	Minimum of 4 ohms
Amplifier Minimum:	50 watts
Amplifier Recommended:	75 watts
Dimensions:	49.2 x 10.8 x 1.6 in (125.0 x 27.5 x 4.0 cm)
Dimensions (Electronics Housing):	9.0 x 4.6 x 3.5 in (23.0 x 11.6 x 9.0 cm)
Weight:	22 lbs. (10.0 kg)
Mounts:	Floor-Stand (standard) Wall-Mount (additional cost)
Finish:	Satin-silver with black

### Model 600i

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Frequency Response:	45 Hz – 20 kHz +/- 3dB
Sensitivity:	86 dB (2.83 volts at 1 meter)
Impedance:	Minimum of 4 ohms
Amplifier Minimum:	75 watts
Amplifier Recommended:	100 watts
Dimensions:	62.2 x 14.2 x 2 in (158 x 36 x 5 cm)
Dimensions (Electronics Housing):	11.4 x 5.5 x 3.1 in (29.0 x 14.0 x 8.0 cm)
Weight:	46 lbs. (21 kg)
Mounts:	Floor-Stand (standard) Wall-Mount (additional cost)
Finish:	Satin-silver with black
Feet:	Silver (standard) Glass and Marble (additional cost)

### Model 1000i

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Frequency Response:	38 Hz – 20 kHz +/- 3dB
Sensitivity:	86 dB (2.83 volts at 1 meter)
Impedance:	Minimum of 4 ohms
Amplifier Minimum:	75 watts
Amplifier Recommended:	120 watts
Dimensions:	78.3 x 14.2 x 2 in (199 x 36 x 5 cm)
Dimensions (Electronics Housing):	11.4 x 5.5 x 3.1 in (29.0 x 14.0 x 8.0 cm)
Weight:	50.5 lbs. (23 kg)
Mounts:	Floor-Stand
Finish:	Satin-silver with black
Feet:	Silver (standard) Glass and Marble (additional cost)

Model 90i Center



Model 150i Center



Model 400i Center



Model 600i Center



## Center Channel Speakers

### Model 90i Center

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Frequency Response:	150 Hz – 25 kHz +/- 3dB
Sensitivity:	86 dB (2.83 volts at 1 meter)
Impedance:	8 ohms – minimum 5 ohms at 20 kHz
Amplifier Minimum:	35 watts
Amplifier Recommended:	50 watts
Dimensions:	20.7 x 8.1 x 1 in (57.5 x 20.7 x 2.5 cm)
Dimensions (Electronics Housing):	6.3 x 2.6 x 1.8 in (16.0 x 6.5 x 4.5 cm)
Weight:	5.3 lbs. (2.4 kg)
Mounts:	Wall-Mount (standard), Set-Top Base (additional cost)
Finish:	Satin-silver with black

### Model 150i Center

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Frequency Response:	130 Hz – 25 kHz +/- 3dB
Sensitivity:	86 dB (2.83 volts at 1 meter)
Impedance:	8 ohms – minimum 5 ohms at 20 kHz
Amplifier Minimum:	35 watts
Amplifier Recommended:	50 watts
Dimensions:	30.7 x 8.1 x 1 in (78.2 x 20.7 x 2.5 cm)
Dimensions (Electronics Housing):	6.3 x 2.6 x 1.8 in (16.0 x 6.5 x 4.5 cm)
Weight:	7.8 lbs. (3.5 kg)
Mounts:	Wall-Mount (standard), Set-Top Base (additional cost)
Finish:	Satin-silver with black

### Model 400i Center

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Frequency Response:	80 Hz – 20 kHz +/- 3dB
Sensitivity:	86 dB (2.83 volts at 1 meter)
Impedance:	Minimum of 4 ohms
Amplifier Minimum:	50 watts
Amplifier Recommended:	75 watts
Dimensions:	36.6 x 9.5 x 1.6 in (93 x 27.5 x 4 cm)
Dimensions (Electronics Housing):	9.0 x 4.5 x 4.3 in (23.0 x 11.0 x 7.0 cm)
Weight:	13.5 lbs. (6 kg)
Mounts:	Set-Top Base and Wall-Mount (standard)
Finish:	Satin-silver with black

### Model 600i Center

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Frequency Response:	65 Hz – 20 kHz +/- 3dB
Sensitivity:	86 dB (2.83 volts at 1 meter)
Impedance:	Minimum of 4 ohms
Amplifier Minimum:	75 watts
Amplifier Recommended:	100 watts
Dimensions:	43.3 x 9.5 x 2 in (110 x 36 x 5 cm)
Dimensions (Electronics Housing):	11.4 x 3.1 x 5.1 in (29.0 x 9.0 x 13.0 cm)
Weight:	16 lbs. (7.1 kg)
Mounts:	Set-Top Base (standard), Wall-Mount (additional cost)
Finish:	Satin-silver with black



## Subwoofers

### S90

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Frequency Response:	40 Hz to 300 Hz +/- 3 dB
Crossover Frequency:	80 Hz - 300 Hz
Power Amplifier:	60 watts
Driver:	6.5 in (16.5 cm)
Output:	Greater than 100 dB SPL over rated frequency response at 3% THD; peak output 105 dB
Dimensions:	10.2 in cube (26 cm cube)
Weight:	28 lbs (12.7 kg)
Finish:	Black satin

### S100

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Frequency Response:	35 Hz to 240 Hz +/- 3 dB
Crossover Frequency:	60-240 Hz
Power Amplifier:	100 watts
Driver:	8 in (20.5 cm)
Output:	Greater than 100 dB SPL over rated frequency response at 3% THD; peak output 108 dB
Dimensions:	12.5 in cube (30 cm cube)
Weight:	41 lbs (18.6 kg)
Finish:	Black satin

### S200

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Frequency Response:	25 Hz to 240 Hz +/- 3 dB
Crossover Frequency:	60-240 Hz
Power Amplifier:	160 watts
Driver:	10 in (25.5 cm)
Output:	Greater than 100 dB SPL over rated frequency response at 3% THD; peak output 110 dB
Dimensions:	14.2 in cube (36 cm cube)
Weight:	50 lbs (22.7 kg)
Finish:	Black satin



## final sound solutions

### **USA:**

Final Sound LLC  
500 West Cummings Park  
Suite 2500  
Woburn, MA 01801  
Tel: \*1 (781) 938-6416  
Fax: \*1 (781) 938-6415

### **Rest of the world:**

Eisenhowerweg 8d  
5466 AC Veghel  
The Netherlands  
Tel: +31 (0) 413 311 115  
Email: [info@finalsound.com](mailto:info@finalsound.com)  
[www.finalsound.com](http://www.finalsound.com)

