

# CASCADE™ SPEAKER SYSTEMS

Home Theater and Stereo Loudspeaker System  
Powered Subwoofer – Model Twelve and Model Fifteen



## HIGHLIGHTS

- Set a new direction for Infinity® loudspeakers
- Unique transducer technology  
MRS™ Driver
- New attractive design: perfect match for flat panel TV
- Compact range perfect for stereo (2.1) and multichannel application
- Award winning design and technology

In a move that heralds a major breakthrough in high-performance loudspeaker design, Infinity introduced its Cascade home theater and stereo loudspeakers. Strikingly distinctive in appearance, Cascade loudspeakers feature uniquely elegant slim-profile styling that will enhance any living environment. Incorporating Infinity's latest engineering innovations, including the company's newly developed, patent-pending Maximum Radiating Surface (MRS) flat-panel transducer technology, these speakers achieve extraordinary sonic accuracy and musicality.

## KEY SPECIFICATIONS

- Finish: High-gloss Black and Real-wood Cherry Veneer

Model Twelve: Powered subwoofer

- 250mm (10") Down firing CMMD® woofer
- Dual 250mm (10") auxiliary bass radiator
- 300-Watt amplifier
- R.A.B.O.S (Room Adaptive Bass Optimization System™)

Model Fifteen: Powered subwoofer

- Quadruple 160mm x 160mm (6" x 6") woofer configuration
- 800-Watt amplifier
- R.A.B.O.S (Room Adaptive Bass Optimization System™)

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## MODEL TWELVE

- Frequency Response: 32 Hz– 150 Hz (–3 dB), 28 Hz– 150 Hz (–6 dB)
- Maximum Amplifier Output: 300 watts RMS (20 Hz – 150 Hz with no more than 0.1% THD)
- Crossover Frequency: 50 Hz – 150 Hz, 24 dB/octave continuously variable or LFE
- Driver: 250 mm (10") MMD Dual 250 mm (10") MMD passive radiators
- Dimensions (H x W x D): 508 mm x 381 mm x 352 mm (20" x 15" x 13-7/8")
- Weight: 19 kg (42 lb)

## MODEL FIFTEEN

- Amplifier Output: 800 Watts RMS
- Frequency Response: 32 Hz–150 Hz (-3 dB), 29 kHz (-6 dB)
- Low-Frequency Driver(s): Four 6" x 6"
- Crossover Frequency: Adjustable 50 Hz–150 Hz or LFE
- R.A.B.O.S. (Accessory kit included): Yes
- Dimensions (H x W x D): 13" x 37" x 8-1/2" (330 mm x 940 mm x 216 mm)
- Weight: 98 lb (44.5 kg)

### MAXIMUM RADIATING SURFACE (MRS) TRANSDUCERS

MRS flat-panel transducers in Infinity's Cascade Series permit unobtrusive speaker enclosures that are nearly as thin as they are narrow. And because the MRS diaphragm functions much like a flat piston, Cascade speakers achieve flat broadband frequency response and uniform on- and off-axis dispersion with minimal breakup, even at high listening levels. That's performance that not even the boxiest of conventional loudspeakers can surpass.

### CERAMIC METAL MATRIX DIAPHRAGM (CMMD)

Optimizing the parameters of Cascade's flat-panel diaphragms presented a serious engineering challenge. Infinity's patented Ceramic Metal Matrix Diaphragm – a uniquely rigid lightweight material – with strategic ribs and gussets, Infinity engineers were able to strike the perfect balance between electro-acoustic efficiency and reliability.

### ROOM ADAPTIVE BASS OPTIMIZATION SYSTEM (R.A.B.O.S.)

Infinity's proprietary Room Adaptive Bass Optimization System allows you to precisely tune the response of your subwoofer to the physical characteristics of your room with just three simple adjustments. And a full complement of inputs and controls makes connection with any movie or music system simplicity itself.

Harman Consumer Group, Inc.  
2, route de Tours, 72500 Château du Loir, France • 250 Crossways Park Drive, Woodbury, NY 11797, USA  
[www.infinitysystems.com](http://www.infinitysystems.com)

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Features, specifications and appearance are subject to change without notice.