

 **Infinity**  
TECHNOLOGY • PERFORMANCE • DESIGN

40<sup>TH</sup>  
ANNIVERSARY

**INFINITY CLASSIA™**

A higher truth, beautifully expressed.





## INTRODUCING THE INFINITY CLASSIA™ SERIES.

Infinity Classia loudspeakers share a heritage of technological and design excellence dating back 40 years.

In multichannel home theater systems and stereo systems alike, they bring real power and exceptional sonic fidelity to both movies and music, elevating the home entertainment experience to a new level of realism.

Infinity Classia loudspeakers deliver the resonance-free, full-spectrum performance needed to accurately reproduce today's high-definition digital sources. And their graceful, low-profile design, inspired by the Infinity Cascade™ Series, makes them an ideal complement for today's high-definition flat-panel monitors.

Infinity Cascade



*The sound grabbed hold of us and never let go...*





*The components may be just pixels and kilohertz, but the*

**PERFORMANCE IN THE  
INFINITY® TRADITION.**

Infinity Classia speakers were developed with high-definition programming in mind, delivering audio performance that enhances today's stunning video images. A complete 5.1- or 7.1-channel system won't just surround you with clear, precise ultrahigh-frequency effects, distinct center-channel dialogue and the kind of bass you feel, as well as hear – it may actually improve your perception of the video itself. And Infinity Classia systems are likely to uncover subtleties even in music you know by heart. Available in high-gloss black or real-wood cherry veneer, these speakers are an elegant, captivating choice for people who take their movies and music seriously – and who can handle the truth.



*experience is magical.*

**PATENTED, PROPRIETARY,  
REVOLUTIONARY, REMARKABLE:  
THE INFINITY CLASSIA  
TECHNOLOGIES.**



Magnified cross section of CMMD alumina layers.

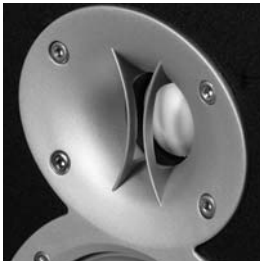
#### **CMMD® TRANSDUCERS**

All Infinity Classia transducers feature patented Infinity CMMD® technology. Manufactured of a ceramic compound bonded to a metallic substrate, they are at once strong, rigid and fast – everything the ideal diaphragm should be. Delivering accurate pistonic response across the full frequency range of the driver, CMMD transducers produce a dramatically natural, distortion-free sound.





Ultrathick baffles provide a rigid, stable platform for the drivers while simultaneously minimizing unwanted edge diffractions off the baffle.



With the Constant Acoustic Impedance (CAI) waveguide, the full effect of the CMMD tweeter can be realized, resulting in cleaner, more uniform sound throughout your listening environment.

#### CAI™ WAVEGUIDES.

Acoustic waveguides can improve a loudspeaker's on- and off-axis high-frequency response. But Infinity Classia Series speakers feature patented Infinity Constant Acoustic Impedance™ (CAI™) waveguides, which create more dynamic headroom by increasing the sensitivity of the high frequencies. That allows for a simpler, more effective crossover design, enabling a seamless sonic transition between the tweeter and the lower-frequency transducers in both two- and three-way designs.

#### 40kHz RESPONSE.

The audio portion of today's high-definition digital sources is pushing consumer audio beyond the limits of the human ear. But Infinity Classia speakers feature high-frequency drivers that extend to 40kHz, delivering nuances you may never have experienced before in recorded audio.



The C255ES offers selectable monopole/bipole/dipole settings.



The C255ES allows you to connect each side separately, giving you two discrete speakers from a single enclosure.

#### SPECIAL AUDIO EFFECTS.

In addition to bookshelf and floorstanding loudspeakers, the Series includes the uniquely versatile C255ES surround speaker. Wall-mountable, with selectable monopole, bipole or dipole configurations, the C255ES is capable of reproducing two discrete audio channels at once. So it can act as a single-point 2-channel loudspeaker in smaller rooms, or upgrade a 5-channel home theater to 7 channels all by itself.



#### WIRELESS LOWS.

Deep, realistic bass is an essential element of the cinematic experience. But it's just as essential in duplicating live musical performances. The Infinity PSW310W powered subwoofer features 2.4GHz technology for an effortless, wireless connection to your system, and easy placement anywhere in your listening room.



The Infinity R.A.B.O.S. kit.

#### TUNED BASS RESPONSE.

The Infinity Bass Optimization System™ delivers deeper, more detailed low frequencies by reducing the exaggerated bass peaks that some listening rooms produce. Add the optional R.A.B.O.S.™ kit to more precisely calibrate bass response for your particular room.



HIGH-GLOSS BLACK

REAL-WOOD CHERRY VENEER



Crossover design can be optimized with shortened signal paths, yielding cleaner sound reproduction.







All models utilize heavy-duty, gold-plated binding posts to ensure long-term signal transfer and easy connection to any system. The C336 is also bi-wirable.



The sophisticated Infinity 72-point frequency-response measurement, conducted in one of our four anechoic chambers, allows for accurate analysis of a speaker's total performance before the listening tests even begin.

  
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## SPECIFICATIONS

				
	<b>C205</b> Bookshelf Speaker	<b>C336</b> Floorstanding Speaker	<b>CC225</b> Center Speaker	<b>C256ES</b> Surround Speaker
Frequency Ranges	60Hz – 30kHz (–3dB) 55Hz – 40kHz (–6dB)	40Hz – 30kHz (–3dB) 35Hz – 40kHz (–6dB)	55Hz – 30kHz (–3dB) 50Hz – 40kHz (–6dB)	60Hz – 30kHz (–3dB) 50Hz – 40kHz (–6dB)
Recommended Amplifier Power Range	10 – 125 Watts	10 – 250 Watts	10 – 150 Watts	10 – 150 Watts
Sensitivity (2.83V @ 1 meter)	88dB	91dB	90dB	87dB
Nominal Impedance	8 Ohms	8 Ohms	8 Ohms	8 Ohms
Crossover Frequencies	2.0kHz, 24dB/octave	500Hz, 2.8kHz, 24dB/octave	2.0kHz, 24dB/octave	2.3kHz, 24dB/octave
Low-Frequency Driver(s)	5-1/4" (133mm) CMMD <sup>®</sup> magnetically shielded	Triple 6-1/2" (165mm) CMMD <sup>®</sup> magnetically shielded	Dual 5-1/4" (133mm) CMMD <sup>®</sup> magnetically shielded	Dual 5-1/4" (133mm) CMMD <sup>®</sup> magnetically shielded
Mid-Frequency Driver	N/A	4" (100mm) CMMD, magnetically shielded	N/A	N/A
High-Frequency Driver(s)	1" (25mm) CMMD, magnetically shielded	1" (25mm) CMMD, magnetically shielded	1" (25mm) CMMD, magnetically shielded	Dual 1" (25mm) CMMD, magnetically shielded
Dimensions (H x W x D)	15-1/8" x 7-1/2" x 9-1/4" (384mm x 190mm x 235mm)	48-1/2" x 8-1/2" x 10-1/2" (1232mm x 216mm x 267mm)	6-7/8" x 31-3/4" x 5" (175mm x 806mm x 127mm)	11-3/4" x 13-1/4" x 6-1/2" (298mm x 337mm x 165mm)
Weight	10.8 lb (4.9kg)	56.1 lb (25.4kg)	16 lb (7.3kg)	9.1 lb (4.1kg)

## WIRELESS POWERED SUBWOOFER

Add an Infinity sub to maximize bass impact and excitement.



PSW310W

Frequency Ranges	32Hz – 150Hz (–3dB) 28Hz (–6dB)
Maximum Amplifier Output (20Hz – 150Hz with no more than 0.1% THD)	400 Watts RMS
Crossover Frequencies	50Hz – 150Hz, 24dB/octave, continuously adjustable or LFE input
Drivers	10" (250mm) CMMD <sup>®</sup> dual 10" CMMD passive radiators
Dimensions (H x W x D)	17-1/2" x 14" x 14-3/4" (445mm x 356mm x 375mm)
Weight	49.8 lb (22.6kg)