

ERS

SERIES



TECHNOLOGY • PERFORMANCE • DESIGN

Now, uncompromised
performance goes unseen.



IN-WALL
ERS SERIES

ERS™ SERIES.

IN-WALL LOUDSPEAKERS.

With the revolutionary, patented Ceramic Metal Matrix Diaphragm (CMMD™) technology of Infinity's finest bookshelf and floorstanding loudspeakers and a simplified mounting system, Infinity's ERS Series is a compelling choice for exceptional whole-house and surround sound home theater applications, and ideal for use with today's plasma, LCD and DLP television displays.

Infinity's CMMD transducer cones deliver rich, resonance-free performance across their entire frequency range. The result is sonic accuracy without distortion that delivers all the excitement of your favorite music and film soundtracks.

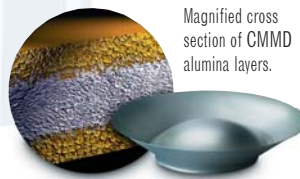
With unobtrusive paintable grilles and baffles and a mounting system that ensures easy installation, the ERS Series is the in-wall solution that music and film enthusiasts have been waiting for.

Outstanding performance from speakers that don't stand out in a room. ERS from Infinity.

THE LATEST EMBODIMENT OF A POWERFUL HERITAGE.

CERAMIC METAL MATRIX DIAPHRAGMS.

Ceramic Metal Matrix Diaphragms reveal all the nuances of today's music and film recordings by virtually eliminating unwanted resonances. The key is a ceramic compound called alumina. Three times as stiff as titanium – and 85 times stiffer than felted paper – alumina is deep-anodized to an aluminum core to create a three-layer sandwich. CMMD adds bass impact to each ERS model, and delivers open, detailed and clean mid and high frequencies.



Magnified cross section of CMMD alumina layers.

EASY TO INSTALL.

The ERS models feature mounting clamps that swing out to securely grip your wall from the inside. Because they need not be mounted to a stud, the ERS speakers can be placed for optimal sonic performance and installation ease.



ROUGH-IN FRAMES.

Optional rough-in frames are available for use in new-construction installations before drywall is installed.



SPECIFICATIONS:

Frequency Range
Recommended Amplifier Power Range
Sensitivity (2.83V @ 1 meter)
Nominal Impedance
Crossover Frequency
Low-Frequency Driver
High-Frequency Driver(s)
External Dimensions (W x H)
Mounting Cutout Size (W x H)
Mounting Depth
Weight
Optional Preconstruction Rough-In Frame

ERS 210 II	ERS HV250	ERS 110 II	ERS 110DT	ERS 310
47Hz – 22kHz (±3dB) 35Hz (–10dB)	45Hz – 22kHz (±3dB) 38Hz (–10dB)	47Hz – 22kHz (±3dB) 35Hz (–10dB)	47Hz – 22kHz (±3dB) 35Hz (–10dB)	45Hz – 22kHz (±3dB) 29Hz (–10dB)
10 – 125 watts	10 – 125 watts	10 – 125 watts	10 – 130 watts total (65 WPC)	10 – 135 watts
89dB	89dB	89dB	88dB, both channels driven	89dB
8 ohms	8 ohms	8 ohms	8 ohms per input	8 ohms
2,300Hz, 24dB/octave	2,600Hz, 12dB/octave	2,300Hz, 24dB/octave	2,400Hz, 12dB/octave	2,300Hz, 12dB/octave
6-1/2" (165mm) CMMD™	Dual 5" (130mm)	6-1/2" (165mm) CMMD™	6-1/2" (165mm) Dual voice coil	8" (200mm)
3/4" (19mm) CMMD with acoustical waveguide	3/4" (19mm) with acoustical waveguide	3/4" (19mm) CMMD with acoustical waveguide	Dual 3/4" (19mm) with acoustical waveguides	1" (25mm) with acoustical waveguide
8-3/4" x 12-3/4" (222mm x 324mm)	15-3/8" x 7-1/2" (391mm x 191mm)	9-3/16" (Dia.) (233mm)	9-3/16" (Dia.) (276mm)	10-7/8" (Dia.) (276mm)
7-5/8" x 11-3/8" (194mm x 289mm)	14" x 6" (356mm x 152mm)	7-7/8" (Dia.) (200mm)	7-7/8" (Dia.) (200mm)	9-1/2" (Dia.) (241mm)
3-1/4" (83mm)	3-7/8" (98mm)	3-1/2" (89mm)	3-1/2" (89mm)	4-1/4" (108mm)
3.5 lb (1.6kg)	5.7 lb (2.6kg)	4.1 lb (1.4kg)	4 lb (1.8kg)	5.6 lb (2.5kg)
ERS210RIF	IW55 RIF	IW6R RIF	IW6R RIF	IW8R RIF



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Infinity continually strives to update and improve existing products, as well as create new ones. The specifications and construction details herein are therefore subject to change without notice.

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