

ERS 610



ERS 610 In-Ceiling Home Theater Speaker...
The Architectural Loudspeaker, Reinvented.



IN-CEILING
ERS SERIES

ERS™ Series.

AN EXCITING ALTERNATIVE TO CONVENTIONAL HOME THEATER.

There's no substitute for experiencing a favorite movie in all its high-impact, multichannel glory. But finding enough wall and floor space for a full 5.1- or 7.1-channel system is a challenge for many people. Now, enthusiasts can enjoy a complete, high-performance home theater system comprised of just in-ceiling speakers alone – the remarkable new Infinity® ERS 610.

With technologies derived directly from the acclaimed Infinity Cascade™ Series, the ERS 610 features a patent-pending MRS™ flat-panel mid-bass driver, dual CMMD® midrange drivers and a CMMD-dome tweeter with an integral waveguide, all mounted in a unique baffle that is optimized for home theater performance and superior off-axis response, so everyone enjoys the show.

The result? Distortion-free sonic accuracy at high listening levels, for every ounce of excitement your movies and music have to offer.

GROUNDBREAKING INFINITY TECHNOLOGIES, NOW OVERHEAD.

CERAMIC METAL MATRIX DIAPHRAGMS.

All ERS 610 drivers feature Infinity's patented CMMD technology. Manufactured of a ceramic compound bonded to an aluminum substrate, they produce resonance-free response across their full frequency range.

MAXIMUM RADIATING SURFACE™ (MRS) FLAT-PANEL TRANSDUCER.

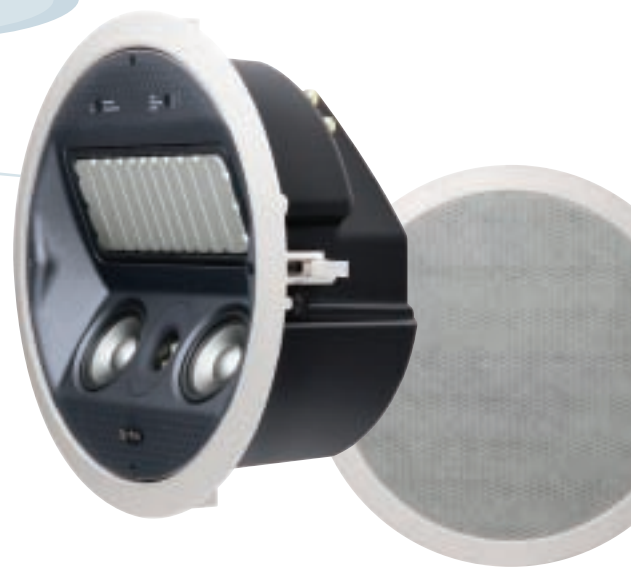
The flat pistonic motion of the ERS 610's MRS mid-bass driver sends a cleaner, more uniform sound to your ears than that of conventional cones, for exceptional detail and resolution.

BUILT-IN BACK BOX, BOUNDARY COMPENSATION SWITCH AND TWEETER LEVEL CONTROLS.

The ERS 610 includes a back box for smoother bass performance, and can be adjusted for placement near walls or corners. Precisely tuning high-frequency response for the requirements of your listening room is just as easy.



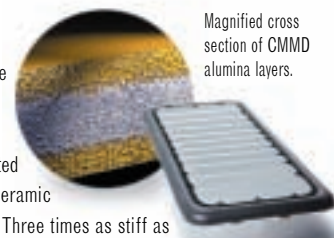
SPECIFICATIONS:	ERS 610
Frequency Range (±3dB)	80Hz – 20kHz
Recommended Amplifier Power Range	10 – 200 Watts
Sensitivity (2.83V @ 1 meter)	85dB
Nominal Impedance	8 Ohms
Crossover Frequency	700Hz; 2,000Hz; 24dB/octave
Low-Frequency Driver	7-3/4" x 3-3/8" CMMD® (197mm x 85mm)
Midrange Drivers	Dual 3" (75mm) CMMD
High-Frequency Driver	1" (25mm) CMMD with acoustical waveguide
External Diameter	12-3/4" (323mm)
Mounting Cutout Diameter	11-3/8" (289mm)
Mounting Depth	5-5/8" (142mm)
Weight	8 lb (3.6kg)
Optional Preconstruction Rough-In Frame	IWI10R RIF



THE LATEST EMBODIMENT OF A POWERFUL HERITAGE.

MRS FLAT-PANEL TRANSDUCER WITH CMMD.

The patent-pending MRS driver utilizes Infinity's patented Ceramic Metal Matrix Diaphragm to 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 the ERS 610, and delivers open, detailed and clean mid and high frequencies.



Magnified cross section of CMMD alumina layers.

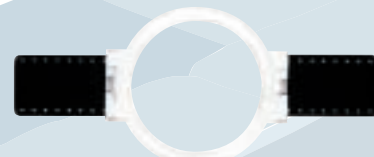
EASY TO INSTALL.

The ERS 610 features mounting clamps that swing out to securely grip your wall from the inside. Because it need not be mounted to a stud, the ERS 610 speaker can be placed for optimal sonic performance and installation ease.



ROUGH-IN FRAME.

An optional rough-in frame is available for use in new-construction installations before drywall is installed.



TECHNOLOGY • PERFORMANCE • DESIGN

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