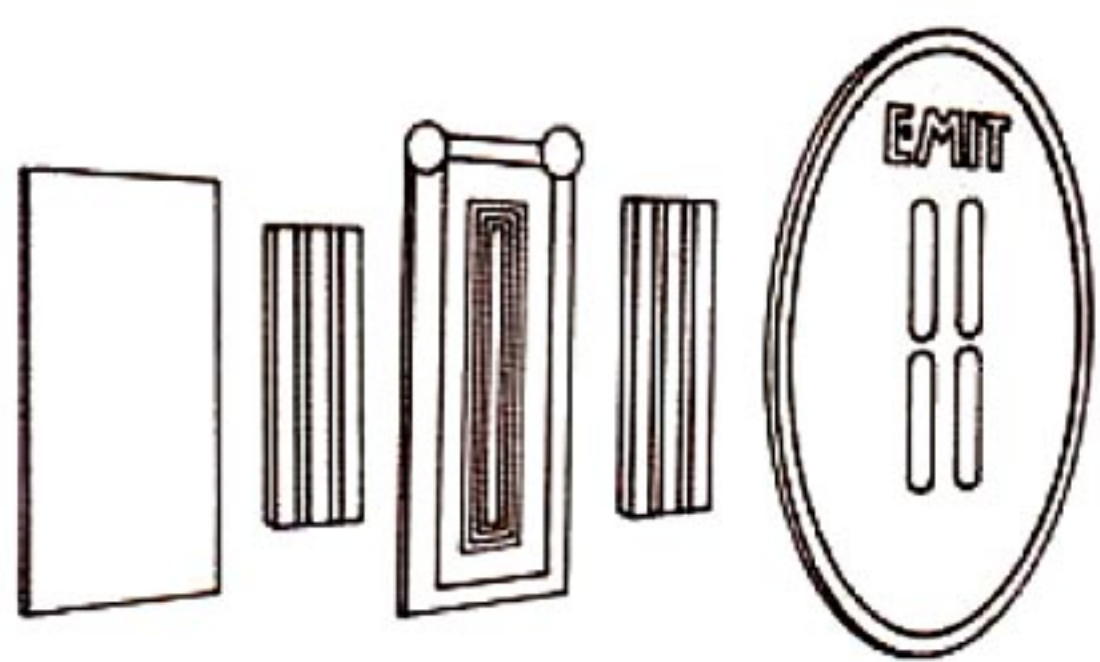


The Infinity Technology



EMIT Tweeter

It has made ordinary cone and dome tweeters obsolete. It reveals musical details you've heard only in live performance. No previous high-frequency driver has ever matched the EMIT (Electromagnetic Induction Tweeter) for...

- Utter transparency and exact detailing, even at highest sound levels;
- Instantaneous transient response of its ultra-thin, ultra-low-mass planar diaphragm driven by magnets of rare-earth samarium cobalt, several times more powerful than ferrite;
- Near-perfect dispersion of even the highest frequencies;
- Exceptional power-handling capability;
- Range, up to 32,000 Hz—above and beyond the limits of human hearing—where the overtones give voices and instruments their individual character.

EMIM Midrange Driver

Infinity's exclusive Electro-magnetic Induction Midrange driver, or EMIM, shares with the EMIT the clear technological advantages of a highly damped low-mass diaphragm suspended in an enormous magnetic force-field.

And it has extended to the vital midrange the same superla-

tive benefits the EMIT first brought to the high-frequency range: new clarity, precise definition, and a beautifully accurate transient response that is breathtaking.

Polycell Dome Tweeter and PolyDome Midrange

These new rapid-acceleration domes represent Infinity's latest developments in driver technology. They mark the first time the benefits of polypropylene have been used in a dome tweeter and midrange. With greater stiffness and smaller mass-per-unit area than traditional cloth or paper domes, polypropylene is capable of more accurate response to transient signals. The result is less inherent distortion and more uniform frequency and phase response.

Polypropylene Cone

This is the most advanced speaker cone material in the world. Unlike the paper traditionally used in cones, polypropylene is acoustically inert. Its superior self-damping properties keep it from adding spurious sounds of its own to degrade the musical signals.

That is why Infinity's scientists and engineers have specified only polypropylene for the woofer cones of *all* Infinity speakers shown in these pages.

An investment in longevity

Infinity speakers, with their advanced technology, won't soon be equalled, much less outdated. Their musical honesty, like their value, will be appreciated over the years.

Aside from their inner beauty, their classic look affirms their timeless value.

We believe the quality of Infinity speakers will improve the quality of your life. For a good, long time.

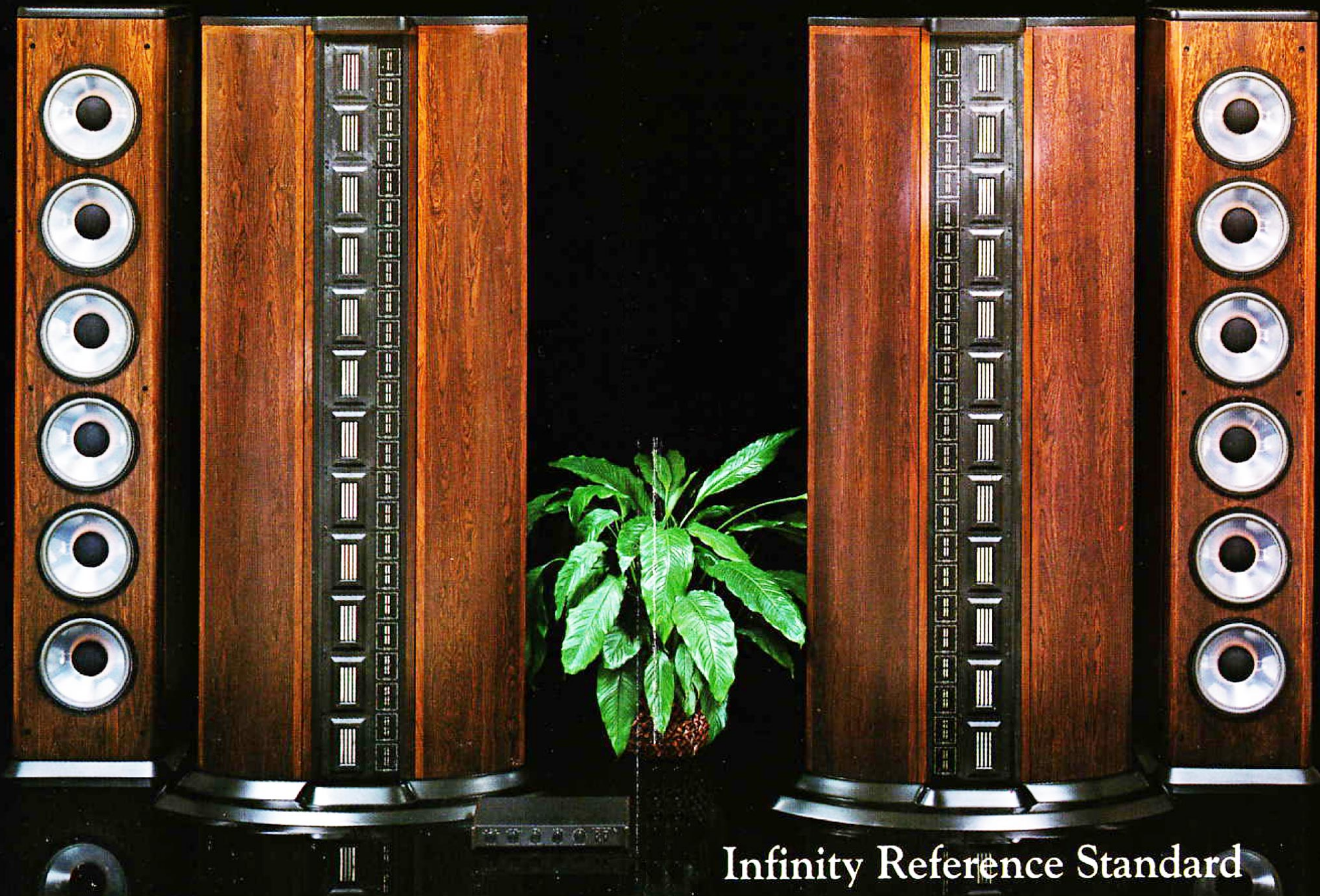
The Infinity Technology.

What it's all about.



We get you back to what it's all about. Music.

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Design: Orenstein & Associates, Inc., Sherman Oaks, California.



Infinity Reference Standard

How to enjoy tomorrow's technology tomorrow.

Buy any Infinity speaker today. Whether you spend a pittance for a pair of our RS 10 speakers or a king's ransom for the Infinity Reference Standard system, you'll get advanced technology no other speaker has. At any price.

Every Infinity speaker embodies technology originally engineered and developed by Infinity for our no-compromise state-of-the-art systems.

Our goal: musical accuracy.

Our discipline is in engineering and the sciences. But our passion is music. We believe that the only real advances in high fidelity are those that increase musical accuracy. That is the goal—and the result—of Infinity's advanced technology.

Listen to any Infinity speaker.

Compare Infinity with others, price for price. Suddenly other speakers sound edgy. Boomy. Fatiguing. Suddenly you realize that all these years you've been listening more to the *speakers* than to the music.

You'll discover that Infinity speakers have no sound of their own. All you hear is the music, pure and unaltered.

And then you'll know what makes Infinity the acknowledged high-technology leader of the industry.

No compromise.

Only one objective guided the years of design and development that created the Infinity Reference Standard system:

To achieve the world's highest level of musical accuracy. With no compromises for the sake of practicality or price.

The system includes two servo amplifiers, each rated at 1.5 kilowatts, to drive the woofers.

Each channel's bass module has six 12-inch woofers with polypropylene cones. Each midrange-tweeter module contains 36 EMIT™ electromagnetic induction tweeters, 12 of them facing rearward, and 12 EMIM™ midrange drivers. Any high-quality, high-powered amplifier can be used to drive the midrange-tweeter modules.

This virtuoso music-reproducing system "idles" even while operating at full power, handling the most complex and demanding musical passages without the slightest apparent effort. Its frequency range is an astonishing 16 to 32,000 Hz \pm 2 dB. Its dynamic range is virtually unlimited.

Cabinetry is of rosewood solids and veneers. (Other finishes are available at extra cost.) Each module is an imposing seven feet six inches tall.

This is the one system in the world for the few whose musical passion, training and temperament demand the finest—and who can afford to indulge that demand.



Reference Standard I



Reference Standard IIA

**A rather more
affordable
perfection.**

The music begins, and a spectacular panorama opens across your living room. You hear complex musical passages re-created faithfully in a remarkable soundstage.

Reference Standard I design closely approximates a point-source, one of the two ideal ways of propagating sound to preserve phase relationships and reveal subtle spatial information.

For optimal dispersion, the radiating area of drivers must decrease as frequencies increase. Advanced crossover technology enables the five-way Reference Standard I system to accomplish the task with ease. The resulting radiation remains nearly spherical.

Each channel's bass module has six 8-inch woofers with polypropylene cones. Each midrange-treble module consists of two dipole radiators incorporating seven EMIM midranges and four EMIT tweeters (one facing the rear). All are mounted between mathematically curved diffraction-control wings.

A unique servo network in a separate module continuously compares the woofers' output with the original input signal and feeds in corrections instantaneously.

With the Reference Standard I, you enjoy music reproduced at the highest level of technology available today.

**Spectacular
imaging.**

Close your eyes and a wide panorama of "live" musicians is revealed. Every voice, every instrument is reproduced with three-dimensional accuracy.

The Reference Standard IIA brings to a manageable size and price range much of the point-source technology used in creating the Reference Standard I.

As a statement of advanced Infinity design it is truly remarkable. Each channel's three EMIM midrange drivers and three EMIT tweeters (one facing the rear) combine precise definition, instantaneous transient response, and near-perfect dispersion with the ability to handle great amounts of power.

Each channel's two 10-inch polypropylene woofers reproduce even the highest dynamic levels and lowest frequencies with no audible coloration. A low-frequency equalizer optimizes bass extension and lets you control room-and-placement frequency anomalies.

Mathematically curved diffraction-control wings of solid oak direct the few diffracted waves to the sides and back, thus preserving subtle phase relationships.

The Reference Standard IIA's highly sophisticated five-way crossover network blends each channel's eight drivers into a point-source with a truly seamless output. The realism of the reproduced "soundstage" is startling.



Reference Standard IIIA, 4, 5 and 6

**Four speakers
that make music
even more beautiful.**

The very shape of these softly-curving, golden oak speakers, in addition to being aesthetically elegant, is actually an important advance in acoustic design.

Infinity engineers, spurred by their successes with mathematically-curved diffraction wings and other theories developed for the top-of-the-line Reference Standard speakers, have applied these same acoustic innovations in creating a new and exciting group of Infinity speakers.

Each has extraordinary sound-imaging — with the orchestral image seemingly expanding beyond the walls of the listening room to recreate the original space and ambience of the concert hall.

This remarkable illusion is the result of several Infinity innovations: the design of each of the drivers themselves, the unique materials used, the seamless blending of the drivers (by meticulous crossover networks) into one homogeneous speaker voice, and the diffraction-minimizing curved cabinetry which minimizes sound waves reflected off of the enclosure, thus preserving the phase relationships of the principal wave.

The Reference Standard IIIA is the flagship of this group of moderately-priced Infinity speakers. It utilizes our critically-acclaimed EMIT samarium cobalt tweeter and a new Infinity exclusive — our PolyDome™ polypropylene rapid-acceleration

dome midrange. This new PolyDome driver employs the remarkable properties of polypropylene to produce the important midrange with exceptionally low coloration and lifelike clarity and definition. The RS IIIA, 4 and 5 use dual polypropylene woofers, controlled by a special bass extension circuit to yield a phenomenally broad range of bass frequencies without “ringing” or distortion.

Each speaker in this group utilizes an EMIT, a PolyDome midrange and either one or two polypropylene woofers (in varying sizes) to achieve a musical reality that is unparalleled in each price category.

The speaker stand, by the way, is optional. And is highly recommended for best sonic results.

It has been said that our Reference Standard speakers are classic examples of the unity of form and function. Each advances the state of the audio art as well as the art of functional design. Each will enhance your enjoyment of music by revealing infinitely more of the music that your audio system and your audiophile records are capable of providing.



RS 7, 8A, 9, 10 and InfiniTesimal III™

**A devotion to
quality, at a
modest price.**

Infinity has solved the dilemma facing the buyer of an inexpensive speaker system. Here are Infinity quality, musicality, and exclusive technology — all at less-than-expected prices.

These Infinity "bookshelf" speakers can be driven with receivers or amplifiers of lower power than can their larger, more expensive counterparts. Yet they speak with authority that is characteristic of all Infinity speakers.

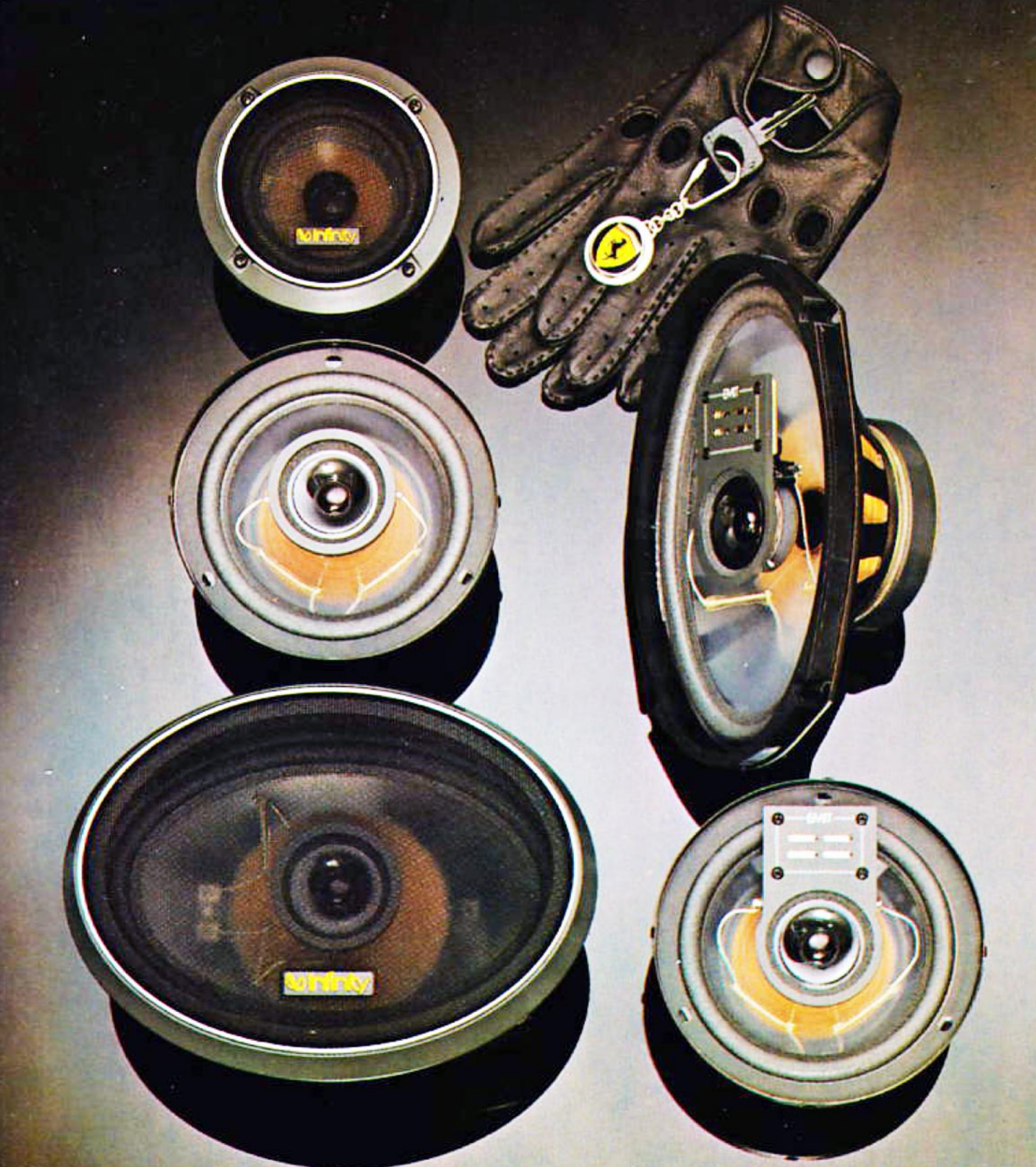
All five of these small wonders have the polypropylene woofer cone that un-muddies the bass, far outlasts paper cones, and handles heavy volume with ease.

RS 7 and 8A are three-way speakers, incorporating our polypropylene midrange cone. RS 7 and our versatile home/car/van/boat InfiniTesimal III have the EMIT samarium cobalt tweeter that produces phenomenal high-frequency clarity and delicacy in Infinity speakers right up to the Infinity Reference Standard. RS 8A, 9, and 10 use our new Polycell™ dome tweeter.

Even the RS 10, our lowest-priced speaker of all, delivers startling and room-filling realism. There's a strong family resemblance to bigger, costlier forebears in the Infinity clan.

In your home, dorm, or office — or your bookshelf or Infinity's optional pedestal — Infinity bookshelf speakers will take up little space, but put out a lot of music. Beautifully.

(To the music-lover who already owns a superior stereo component system, Infinity RS 9 or 10 may well be the finest value anywhere as your system's second set of speakers. Be sure to hear them before you decide.)



Reference Standard Automotive Speakers

**Shift into
high fidelity
with Infinity
automotive
speakers.**

Wouldn't it be great? If only there were a car speaker with advanced Infinity Reference Standard technology! A rugged speaker, yet refined. Able to handle all the dynamic intensity and musical subtlety the most advanced car stereo receivers and cassette players can reproduce.

Now Infinity not only makes such a speaker; we offer you a selection.

Infinity automotive speakers shrug off the usual destructive vibrations, wild temperature swings, and rotting moisture of life on the road. They are built with high-temperature-resistant voice coils, polypropylene, polycarbonate, reinforced grilles, and heavy-duty steel frames. So even when road and climate do their worst, Infinity car speakers will go right on performing at their best.

Every Infinity car speaker gets its distortion-free bass from a polypropylene cone that responds to musical nuance and laughs at weather. Two Infinity models incorporate the superbly accurate EMIT tweeter. No Infinity owner has to put up with the limited responsiveness and limited life span of a speaker cone of paper.

These are the speakers for the driver who'll take any route except compromise. Take your choice.

Home Speakers

	Frequency response	Suggested for use with amplifiers or receivers of (watts per channel RMS):	Crossover frequencies	Dimensions in inches
Reference Standard I	25 Hz through 32 kHz \pm 2 dB	Bass: 150 min. Midrange-treble: 75 min. (Must be bi-amped.)	140, 700, 3000, 8000 Hz	Bass modules each 60 x 12 wide x 12 Midrange-treble 60 x 24 wide x 24
Reference Standard IIA	25 Hz through 32 kHz \pm 2 dB	60 through 250. (May be bi-amped.)	150, 800, 4000, 8000 Hz	48 x 22 3/4 wide x 18
Reference Standard IIIA	35 Hz through 32 kHz \pm 3 dB	50 through 200	600, 4000 Hz	48 x 18 wide x 7 3/4
Reference Standard 4	40 Hz through 32 kHz \pm 3 dB	40 through 150	600, 4000 Hz	33 x 13 1/2 wide x 10
Reference Standard 5	43 Hz through 32 kHz \pm 3 dB	35 through 125	600, 4000 Hz	28 7/8 x 13 1/2 wide x 10
Reference Standard 6	45 Hz through 32 kHz \pm 3 dB	35 through 100	600, 4000 Hz	22 x 13 1/2 wide x 10
RS 7	45 Hz through 32 kHz \pm 3 dB	20 through 125	500, 5000 Hz	21 3/4 x 13 1/2 wide x 10
RS 8A	46 Hz through 22 kHz \pm 3 dB	20 through 100	800, 4000 Hz	21 3/4 x 12 wide x 10
RS 9	48 Hz through 22 kHz \pm 3 dB	20 through 75	3000 Hz	21 3/4 x 12 wide x 10
RS 10	59 Hz through 22 kHz \pm 3 dB	15 through 65	3500 Hz	13 1/2 x 8 3/8 wide x 7 3/4
InfiniTesimal III	65 Hz through 32 kHz \pm 2 dB	15 through 100	3500 Hz	11 3/8 x 6 3/4 wide x 5 3/4

Finish: Reference Standard I and IIA are oak veneer over high-density particle-board woofer enclosure, with diffraction-control wings of solid oak. (Shown in optional Light Oak finish, available at extra cost.)

Reference Standard IIIA, 4, and 5 are hand-rubbed oak veneers and hardwoods. RS 6, 7, 8A, 9, and 10 are oak vinyl wrap over high-density particle board. All Reference Standard and RS speakers have removable grilles with brown cloth.

InfiniTesimal III is black aluminum with removable black aluminum grille and Perspex end-caps.

Nominal impedance: Each 4 to 8 ohms.

Auto Speakers

	Configuration	Frequency response	Power capacity	Crossover frequencies
A 693	6 x 9 inches. Polypropylene woofer, Polycarbonate midrange, EMIT tweeter	40 Hz through 32 kHz	70 watts	4000 and 8000 Hz
A 63	6 1/2 inches. Polypropylene woofer, Polycarbonate midrange, EMIT tweeter	60 Hz through 32 kHz	50 watts	4000 and 8000 Hz
A 692	6 x 9 inches. Polypropylene woofer, Polycarbonate midrange-tweeter	40 Hz through 18 kHz	70 watts	4000 Hz
A 62	6 1/2 inches. Polypropylene woofer, Polycarbonate midrange-tweeter	60 Hz through 18 kHz	50 watts	4000 Hz
A 42	4 inches. Polypropylene woofer, Polymer cone midrange-tweeter	100 Hz through 15 kHz	25 watts	3000 Hz (mechanical)

Important to note

For more details about individual Infinity speakers or specific features of Infinity technology, ask your dealer for the appropriate brochures or write to Infinity.

Infinity home speakers carry a five-year transferable limited warranty. Car speakers, one year non-transferable. For details, see the complete warranty statement packed with each Infinity speaker.

Because Infinity strives always to improve existing products, changes may be made in performance specifications, prices, and details of construction and finish.

The names EMIT, EMIM, and PolyDome for drivers, Polycell for speaker material, and InfiniTesimal for speakers are trademarks of Infinity Systems, Inc.