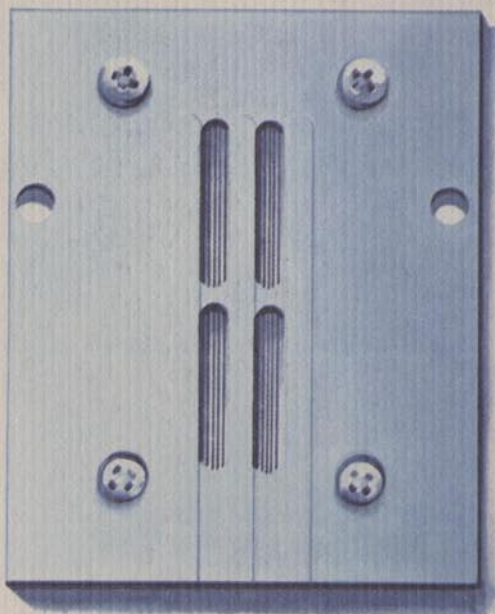


The superlative sounding

EMIT

Tweeter Technology
made simple by Infinity.



Today there's a whole new kind of high-frequency driver in the audio world. Where cones and domes have *problems*, this little marvel has *advantages*.

Meet EMIT™, developed originally by Infinity™ for our state of the art Quantum Line Source, and now heard in all Infinity speakers.

Just listen to the difference:

 Infinity

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

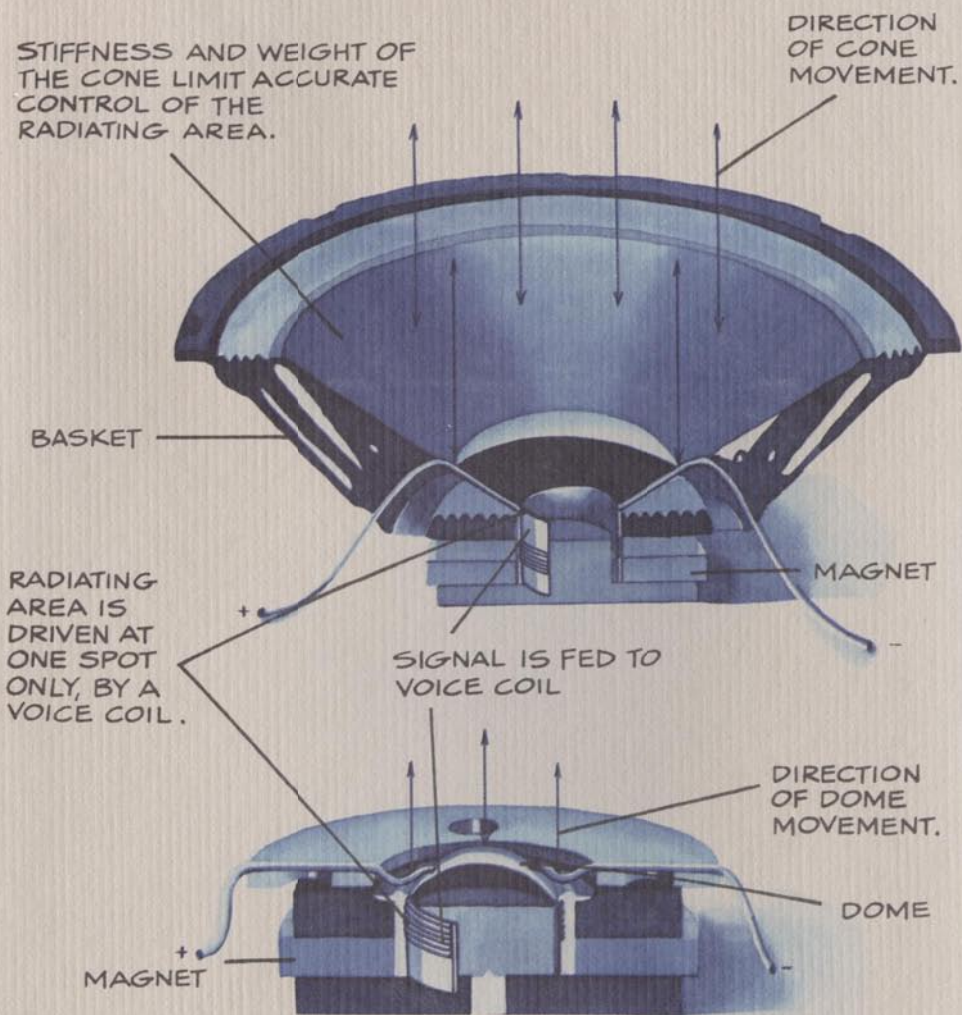
EMIT™ is responsible for the high frequency energy of every Infinity speaker, from the Quantum Line Source to the lowest-priced Infinity Q_a.

This is the result of a conviction by our designers and engineers that even the least expensive Infinity speaker would share the same advance in sound, the same warm musicality, and a combination of delicacy with power-handling capability second to no other speakers in the world.

We're happy that now you are able to listen and enjoy the results of that conviction.

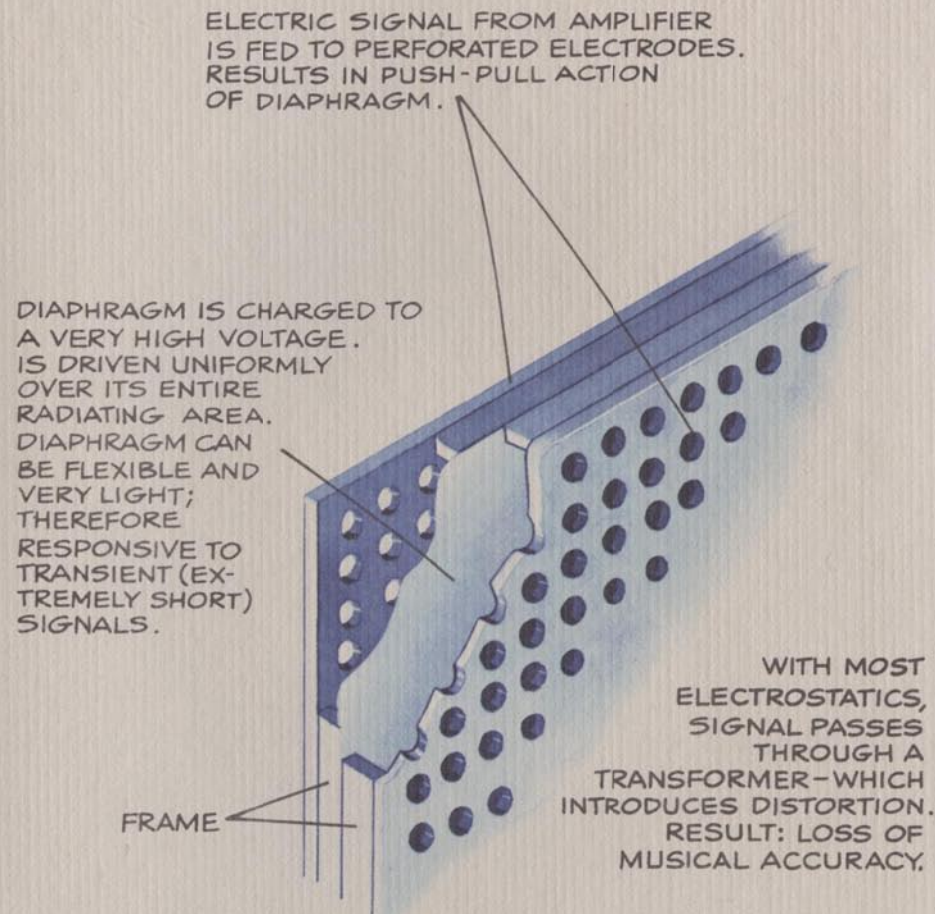


The trouble with cone and dome tweeters...



The response of cone and dome tweeters to transients, or sudden peaks in the music is inherently limited by their technology. This limited ability to accurately follow rapidly-changing input signals results in a "veiled" sound, lacking clarity, transparency and delicacy. The problem is most noticeable at high frequencies; cymbals, bells, guitar and violins lack their true life-like timbre.

Along came the electrostatics...



The electrostatic responds beautifully to high-frequency transients in music. The diaphragm, driven over its entire area can instantly follow input signals; therefore great delicacy, nuance and clarity is possible. High frequencies have transparency and a life-like musicality.

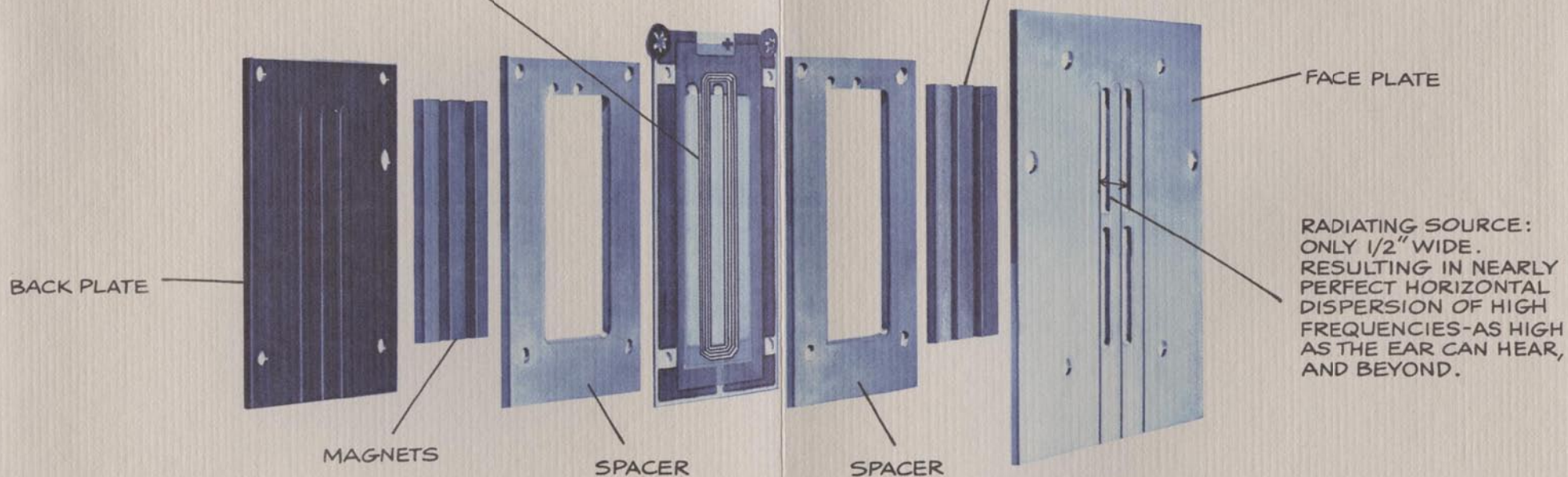
Power-handling ability is limited, however, by voltage breakdown. And high frequencies, in most electrostatics, are narrowly beamed. Also, many amplifiers do not give their best performance when driving electrostatic speakers.

Problem: How to extend the accurate response, sweetness and range of electrostatics — while overcoming their weaknesses.

Infinity's exclusive **EMIT**. Sound years ahead.

EMIT'S VOICE COIL IS A PRECISE PATTERN ETCHED DIRECTLY ONTO A PLASTIC DIAPHRAGM. BECAUSE DIAPHRAGM IS DRIVEN OVER ITS ENTIRE AREA, IT DOES NOT NEED TO BE STIFF, SO IT CAN BE EXTREMELY LIGHT. LIKE THE ELECTROSTATIC, DIAPHRAGM HAS PUSH-PULL ACTION, AND CAN INSTANTLY FOLLOW INPUT SIGNALS, RESULTING IN SUPERB MUSICAL ACCURACY, DELICACY AND TRANSPARENCY.

DIAPHRAGM IS DRIVEN BY MAGNETS OF POWERFUL RARE-EARTH SAMARIUM COBALT (MOST POWERFUL MAGNETIC SUBSTANCE KNOWN).



This is a view of the component parts of Infinity's Electromagnetic Induction Tweeter (EMIT). It is the magnetic analogue of the electrostatic; it achieves its drive from powerful magnets rather than from high voltage.

EMIT delivers sheer transparency; clarity; filligree-detailing of mid and high frequencies, even at high sound-pressure levels.

Without the distortion and limited transient response of cones and domes. *Without* the voltage breakdown and narrow beaming of electrostatics.

And—

EMIT's "distributed voice-coil" readily dissipates heat to the air. What's more, your amplifier "sees" EMIT as virtually pure resistance—just the kind of impedance it handles best. Result: EMIT responds beautifully to a little power or a lot of power. It loses none of its accuracy or detailing of inner voices whether reproducing *powerhouse impact* or *pianissimo subtlety*.

Sound characteristics of EMIT: Smooth, warm, delicate, transparent, with every nuance captured; yet capable of tremendous sound pressure levels without loss of these same qualities.

In short, Infinity's EMIT tweeter defines the state of the art.

