

MIRAGE

90i Bipolar Series

There are those
who would go to
the ends of the
earth for the
ultimate in
audio.



Mirage[®]

THE ORIGINAL BIPOLAR LOUDSPEAKER™ 3641 McNicoll Avenue, Scarborough, Ontario, Canada M1X 1G5 (416)321-1800 Fax (416)321-1500

Mirage®

The Original Bipolar Explorers and Still First on the Bipolar Frontier.

North or south, no one designs better Bipolar loudspeakers than Mirage.

True, many now aspire to produce a speaker equal to the superb performance of our original 90 series. But the results have yet to convince anyone that they've got it right.

We pioneered Bipolar sound and, quite frankly, we've perfected it. While others can imitate the science behind it, they simply cannot duplicate the art.

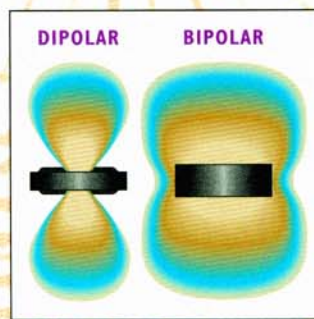
For proof you need look or listen no further than the new Mirage 90i Bipolar Series.

The Mirage 90i Series: Superior Sound All Around

The floor standing 1090i, 890i and 590i each offer a sleek new profile with high-gloss black lacquer tops and bases and a complementary, acoustically transparent black cloth grille.

While their streamlined looks and compact footprint are a handsome addition to even the most elegant living areas, it is the sound that is truly profound.

Unquestionably spacious. Uniquely accurate. Musically transparent. The sonic advantages of Bipolar design have never been more clear.



Conceived in the 80's Perfected in the 90's

Listen to a string quartet in a concert hall or a rock band on a nightclub stage. The sounds you hear are in fact coming from all sides, reflected off the walls, ceiling and floor before reaching your ear.

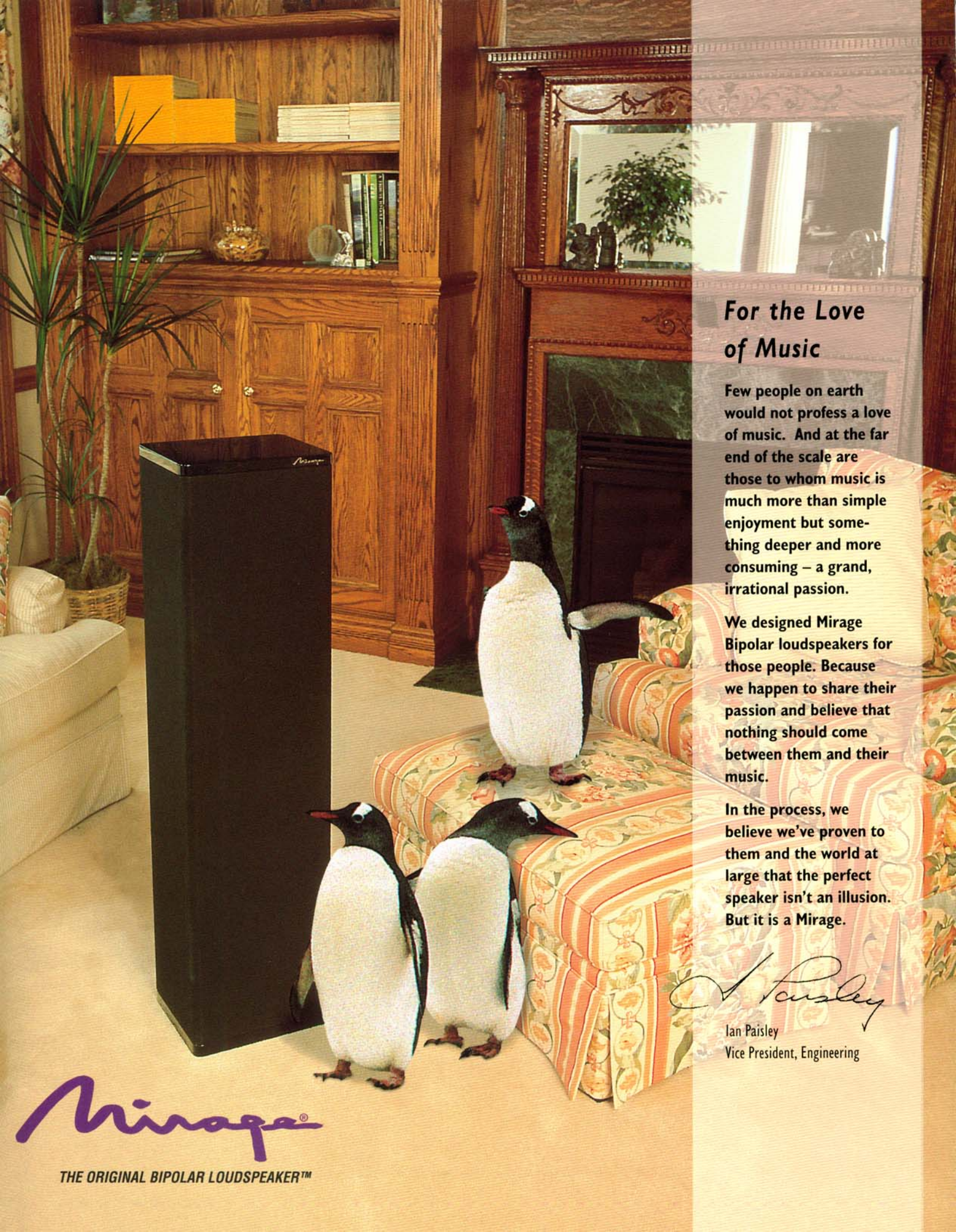
It is these reflected sounds which give a live performance its true emotional power and depth.

Conventional loudspeakers only radiate sound waves forward in a teardrop shape; others distribute sound forward and backward in a "dipolar" or figure-8 pattern. Neither approach fully succeeds in recreating the live qualities of the original performance.

Yet Mirage's Bipolar technology - with drivers front and back - immerses you in a full 360 degree soundfield, recreating a lifelike soundstage with incredible 3D imaging. And a wider baffle in front leads to a more uniform spectral balance and optimal dispersion, making the illusion of space even more convincing.

Those are the basics behind the new 90i Bipolar Series. Offering new standards, new thresholds, and new value to the serious music lover. And above all - incredibly natural sound.

Is it real? Or is it a Mirage?
Sometimes even we're not sure.

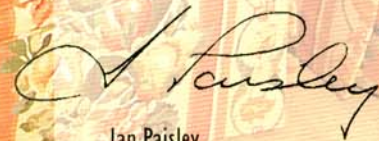


For the Love of Music

Few people on earth would not profess a love of music. And at the far end of the scale are those to whom music is much more than simple enjoyment but something deeper and more consuming – a grand, irrational passion.

We designed Mirage Bipolar loudspeakers for those people. Because we happen to share their passion and believe that nothing should come between them and their music.

In the process, we believe we've proven to them and the world at large that the perfect speaker isn't an illusion. But it is a Mirage.



Ian Paisley
Vice President, Engineering

Mirage[®]

THE ORIGINAL BIPOLAR LOUDSPEAKER™

Getting Down to the Details



At Mirage, we can talk tech with the best of them.

So for those who aren't fully satisfied until they've analyzed all the figures, here they are. We're confident that you'll find our science is sound and our credentials impeccable.

The ultimate test, of course, resides in your auditioning the Mirage 90i Bipolar Series for yourself... and exploring a whole new realm of sound.

1090i

890i

590i

SYSTEM TYPE

Bipolar Radiator-Vented

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Bipolar Radiator-Vented

TWEETERS

2-1" (25.5mm) Vapor Deposited Titanium Dome

2-1" (25.5mm) Vapor Deposited Titanium Dome

2-3/4" (19mm) Vapor Deposited Titanium Dome

WOOFERS

2-6 1/2" (16.5cm) Injection Molded Polypropylene Cones Termination via Butyl Surrounds

2-5 1/2" (14cm) Injection Molded Polypropylene Cones Termination via Butyl Surrounds

2-5 1/2" (14cm) Injection Molded Polypropylene Cones Termination via Butyl Surrounds

FREQUENCY RESPONSE

On axis ± 3 dB
Off axis ± 3 dB@30°

32Hz-22KHz
32Hz-20KHz

38Hz-22KHz
38Hz-20KHz

42Hz-20KHz
42Hz-18KHz

USABLE BASS RESPONSE (@ -10dB)

28Hz

30Hz

35Hz

SENSITIVITY (Anechoic) (Bipolar in normal room)

85dB at 2.83v/1m
89dB

84dB at 2.83v/1m
88dB

84dB at 2.83v/1m
88dB

IMPEDANCE

6 ohms nominal
4 ohms minimal

6 ohms nominal
4 ohms minimal

6 ohms nominal
4 ohms minimal

REC. AMP POWER (clipping less than 10%)

50-175 watts RMS per channel

50-150 watts RMS per channel

50-125 watts RMS per channel

MAX POWER HANDLING

175 watts RMS

150 watts RMS

125 watts RMS

DIMENSIONS (HxWxD)

45 3/8" x 11 1/2" x 9 1/2"
115.1 x 29.4 x 24.2cm

39 3/4" x 10 1/8" x 8 1/4"
101.2 x 25.7 x 21cm

35 3/4" x 9 3/8" x 7 1/2"
91 x 23.9 x 19.3cm

WEIGHT (each)

71 lbs (32.3kg)

60 lbs (27.3kg)

50 lbs (22.8kg)

FINISH

Black High Gloss

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Black High Gloss

GRILLE COLOR

Black

Black

Black

Descriptions and specifications subject to change without notice.

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