

SMALL WONDER.

ACTUAL SIZE



THE OMNISAT MICRO. OMNIPOLAR SOUND. COMPACT DESIGN.



SOUND EXPERIENCE



MIRAGE AUDIO HISTORY : PLAY ▶

1972

Audio Products International Corp., manufacturers of Mirage Loudspeakers, is founded.



1978

The National Research Council of Canada funds a study to determine how people perceive sound. API plays an integral role in the project, which tested 330 pairs of speakers by over 2,000 listeners over a 8-year period.

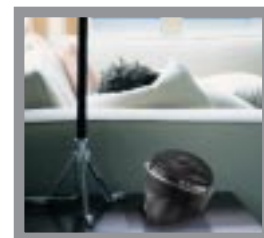
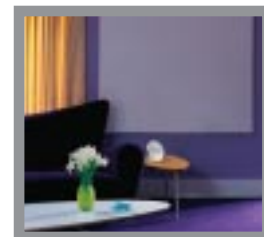


Recapture Your Space

Fill it with Sound

Welcome to the OMNISAT MICRO, a revolutionary new speaker that puts audio's latest breakthrough technology into a compact package. The OMNISAT MICRO uses

Mirage's proprietary Omnipolar technology to radiate sound in a 360-degree omnidirectional pattern, something traditional speakers simply cannot achieve. The result: sound that is so pure, natural and three-dimensional, that you feel like you are listening to a live performance. Unlike other speakers that create a relatively small, focused sweet spot, the OMNISAT MICRO's 360 degree sound dispersion creates a much more enveloping image. With OMNISAT MICRO, you can be sitting anywhere in the room and still enjoy great sound. State of the art engineering allows the OMNISAT MICRO to deliver "big box" sound from a speaker so small; it fits into the palm of your hand. The compact size and a variety of mounting options gives you the freedom to place your speakers wherever you please – on tables, on stands, in shelves, on walls or even on the ceiling. Experience the OMNISAT MICRO. It's the next generation in audio.



1987

Using the findings from the National Research Council project; Mirage engineers carry on with advancements in loudspeaker design to release the M-1, the world's first bipolar speaker. The M-1 received rave reviews from audio critics around the world and was subsequently chosen speaker of the decade by Absolute Sound.



1993

Mirage introduces the BPSS-210 the world's first bipolar servo controlled subwoofer, which is believed to be the most accurate, and technologically advanced subwoofer of its time.





MIRAGE AUDIO HISTORY : PLAY ▶

1996

Further advancements in loudspeaker construction and design by Mirage engineers lead to the development of the OM-6, the world's first Omnipolar speaker that surpassed the sonic performance of the legendary M-1.



2001

Mirage engineers develop Omni Guide; used in conjunction with a wide dispersion speaker, to help create a 360-degree sound radiation pattern. This would ultimately lead to the development of the compact OmniSat speaker system.

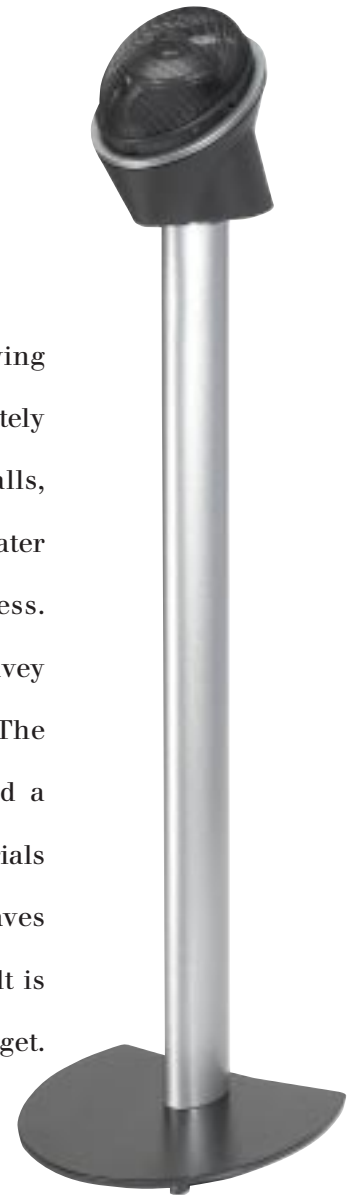


Inside the Micro

How OMNISAT broke the sound barrier

The OMNISAT MICRO is the result of more than two decades of acoustical research studying how humans perceive sound. These studies have shown that, in a typical setting, approximately 30 per cent of what we hear is direct sound, while the other 70 per cent is reflected off walls, floors, and other objects. The resulting sound reflections arrive at our ears a split second later providing our brain with spatial cues that create depth, height and spaciousness. Conventional speakers use less than half of this important reflected sound needed to convey a true sense of realism. This is where Omnipolar technology comes in. The

Mirage design team, led by audio engineer Andrew Welker, used a combination of progressive design with state-of-the-art materials to achieve 360 degree spherical dispersion of sound waves to achieve the ideal direct to reflected sound ratio. The result is a performance that is as natural and true to life as it can get.



2002

Omni Series is launched as an Omnipolar loudspeaker line-up featuring 360-degree Omnipolar dispersion from speakers with a conventional cabinet design.



2003

The OMNISAT MICRO is born, delivering true three-dimensional sound from a speaker barely bigger than the palm of your hand.





By the Numbers

Product Specifications



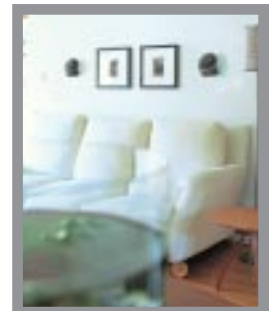
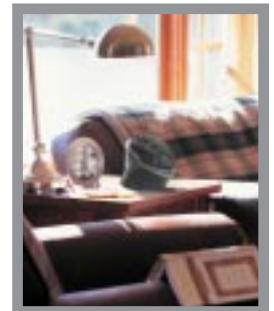
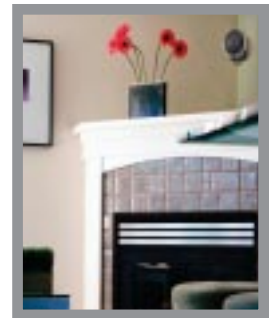
OMNISAT MICRO (sold individually)

System Type:	Magnetically Shielded Omnipolar Satellite
Frequency Response:	90Hz-20kHz, +/- 5dB
Tweeter:	1" (2.5cm) PTH™ Pure Titanium Hybrid
Woofer:	3" (7.6cm) Polypropylene Titanium Deposit Hybrid cones with butyl surrounds
Power Handling:	100 watts
Crossover Points:	2.2kHz
Room Efficiency:	88dB
Impedance:	8-ohm nominal, 4-ohm minimum
Recommended Amplifier Power:	10 to 100-watts RMS/Channel
Inputs:	High Quality 5-Way Binding Posts
Dimensions: (HxWxD)	inches: 6 7/16 x 5 1/8 x 6 9/16 cm: 16.3 x 13 x 16.7
Weight:	2.35 lbs. or 1.068 kg
Colors:	Platinum, Black, White and Platinum/Black



LF-100 SUBWOOFER (sold separately)

System Type:	Front Ported Subwoofer
Power Output:	400 watt dynamic peak, 100 watts continuous
Woofer:	8" (20.5cm) Polypropylene Titanium Deposit Hybrid
Magnet Size:	20 oz.
Voice Coil Diameter:	1" (2.5cm)
Frequency Response:	27Hz-120Hz-5dB
Phase Switch:	0/180°
Variable Low Pass Filter:	40Hz-120Hz @ 18dB/octave
Inputs:	Low level input, crossover bypass, high level
Outputs:	High level
Dimensions: (HxWxD)	inches: 9 5/8 x 15 5/8 x 10 7/8 cm.: 25 x 40 x 26
Weight:	25.9 lbs. or 10.2 kg



FREEDOM OF CHOICE:

The OMNISAT MICRO can be hung on a wall, mounted on the ceiling, or put on the optional OmniSat stands...the possibilities are limitless.



www.miragespeakers.com



S O U N D E X P E R I E N C E

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