

MIRAGE 60-SERIES.
See the music.



mirage®

BORN OF A RICH HERITAGE.

The Mirage M-1 has earned a highly-respected position among critics and reviewers as an incredibly musical loudspeaker. Its recent offspring, the M-3, extends that tradition.

The Mirage 60-Series provides both the ardent audiophile and leisure listener with a line of modestly-priced loudspeakers that exhibit astonishing clarity, superb detail and pinpoint imaging.

Achieving designs that meet such lofty objectives is simply the Mirage way.



Proprietary computer modeling and analytical processes, combined with the audio "street smarts" of our engineers are the reasons for the sonic superiority of Mirage loudspeakers.

Each is subjected to a series of rigid tests and measured against a laboratory reference before they are shipped.

Again, proprietary Mirage computer hardware and software are utilized to analyze both individual components and final assemblies to ensure product consistency.

Once they pass this barrage of technical evaluations, they must

undergo our most stringent test of all.

We listen.

The most critical test is how they sound to our team of "golden ears."

What they hear and don't hear plays a pivotal role in the final design.

UNCOMMON PRECISION.

In the real world, sound is perceived coming not only from the sound source, but off walls, the floor and furniture. That's why a good loudspeaker should demonstrate exceptional frequency response both on axis and off axis. Sound that's radiated to the side walls must have the same integrity as that radiated frontally to create an extended soundstage, more accurate stereo imaging and overall transparency.

THE TWEETER.

Because high-frequencies are extremely directional, the most critical driver in terms of dispersion characteristics is the tweeter.

The polyamide dome configuration of the 60-Series tweeter maintains excellent transient response and delivers superior dispersion characteristics.

The voice coil assembly is ferrofluid cooled to keep temperatures down and compression minimized under heavy power. Handling capability is increased four-fold and overall distortion is greatly reduced.





THE WOOFER.

How a woofer responds to quick changes in the music is the key to delivering a precise rendition of the original track. These changes, known as transients, can introduce distortion and unwanted resonances that can cloud musical accuracy.

The mineral-filled polypropylene cones provide the high stiffness-to-weight ratio required for accurate transient response.

Another concern in woofer design is the successful damping of unwanted cone resonances. The hyperbolic shape of the Mirage cone significantly reduces concentric resonances around the perimeter of the driver and minimizes distortion.

Notes that travel from the center of the cone tend to reflect inward once they reach the outer circumference. These notes interfere with original

sounds, creating unwanted distortion. The special, half-roll shape of the surround absolutely terminates sound at the outer edge.

The voice coil is wound in multiple layers on an aluminum bobbin. The added windings and extended voice coil travel increase power handling capability and minimize "bottoming out" during heavy bass transients.

THE CROSSOVER.

Creating the electronic bridge from tweeter to woofer is the job of the crossover network. The smoother this process, the smoother the overall sound. It's critical that there be an absolute matching of component topology and driver capability.

Mirage crossovers incorporate top grade components for a smooth transition through the

frequency range and substantial power handling capability.

THE CABINET.

Drivers are flush mounted and all critical cabinet edges are gently curved to reduce diffraction of mid and high frequencies. Any such diffraction could limit off-axis response.

All cabinet walls are made of high-density fiberboard. A complex internal bracing structure and strategically-positioned dampening materials ensure cabinet rigidity and break up standing waves.

JUST A LISTEN AWAY.

The Mirage 60-Series represents performance that has thrilled both discriminating critic and music lover alike.

Give them a listen.

They'll do the same for you.

SPECIFICATIONS	M-760	M-460	M-360	M-260
Type	2-way, bass-reflex, computer-tuned, floorstanding	2-way, bass-reflex, computer-tuned, bookshelf or floorstanding*	2-way, bass-reflex, computer-tuned, bookshelf or floorstanding*	2-way, bass-reflex, computer-tuned, bookshelf or floorstanding*
Tweeter	1" (25mm) soft-dome, ferrofluid cooling	1" (25mm) soft-dome, ferrofluid cooling	1" (25mm) soft-dome, ferrofluid cooling	3/4" (19mm) soft-dome, ferrofluid cooling
Woofer	(2) 8" (20.3cm) carbon-filled polypropylene with butyl surround	(1) 8" (20.3cm) carbon-filled polypropylene with butyl surround	(1) 8" (20.3cm) carbon-filled polypropylene with butyl surround	(1) 6.5" (16.5cm) carbon-filled polypropylene with butyl surround
Frequency response (± 3 dB)	30Hz-20kHz	35Hz-20kHz	40Hz-20kHz	45Hz-20kHz
Usable bass (anechoic)	25Hz @ -10dB	29Hz @ -10dB	35Hz @ -10dB	40Hz @ -10dB
Sensitivity (2.83V/1m)	89dB	87.5dB	88dB	87dB
Crossover	2200Hz (low-2nd order Butterworth; high-3rd order Butterworth)	2500Hz (low/high-2nd order Butterworth)	2800Hz (quasi 2nd order Butterworth)	3000Hz (quasi 3rd order Butterworth)
Impedance	8 ohms nominal 4 ohms min. (DC)	8 ohms nominal 4 ohms min. (DC)	8 ohms nominal 4 ohms min. (DC)	8 ohms nominal 4 ohms min. (DC)
Rec. amplifier power	50-200watts RMS	50-100watts RMS	40-100watts RMS	30-80watts RMS
Max. power handling (less than 10% clipping)	250 watts	150 watts	150 watts	100 watts
Dimensions (HxWxD) inches	37 x 11.4 x 14.3	24.4 x 10.1 x 10.3	19.6 x 10 x 7.9	14.2 x 8.6 x 7.9
cm	94 x 29.2 x 36.4	62.2 x 25.7 x 26.2	49.9 x 25.5 x 20.3	36.2 x 21.9 x 20.3
Weight (ea.)	62lbs./28.1kg.	32 lbs./14.5kg.	20 lbs./9kg.	14 lbs./6.3kg.
Finish	Black ash or walnut vinyl veneer	Black ash or walnut vinyl veneer	Black ash or walnut vinyl veneer	Black ash or walnut vinyl veneer
Grille cloth	Black sag-resistant	Black sag-resistant	Black sag-resistant	Black sag-resistant
Recommended accessories	Spikes (API #SF-75)	Stand (API #SST-13)	Stand (API #SST-21)	Stand (API #SST-25)

* Speakers can be used floorstanding with optional API accessories listed above. Descriptions and specifications subject to change without notice.

mirage

©1989.

3641 McNicoll Avenue • Scarborough, Ontario, Canada M1X 1G5 • Ph. (416) 321-1800 • FAX (416) 321-1500

Printed in Canada
3PM00002