

AUTONOMIC

MIRAGE M-400

Specifications

Mirage amplifiers represent state-of-the art technology and superior sound performance, utilizing cool-running class D amplifiers. The M-400 is an IP addressable, 4-room solution that can be paired with additional M-400 or M-800 amplifiers to create a distributed audio system in up to 96 zones. The M-400 amplifier can be used as a standalone matrix amplifier; however, it's designed to be the perfect companion for our award-winning Mirage Media Servers to create a complete multi-room audio system featuring the most popular online streaming services.



MIRAGE
AUDIO SYSTEM



Whole Home Amplification

Mirage amplifiers integrate seamlessly with Mirage Media Servers to create a harmonious and modern audio system featuring all of the most popular streaming music services and digital music files. The integrated system is controllable via iOS, Android, Windows, and Mac computers. Three in-wall controllers are also available to complete the installation.

Audiophile Quality Sound

The M-400 supports either coax or TOSLINK digital audio on every source input. This allows source material to stay in the digital domain all the way to the final amplification stage, providing reference quality distribution of content all over your home.

IP Addressable

Mirage amplifiers are fully IP addressable. Commands and feedback for power, source selection, volume, and muting controls are available for every zone, making integration with control systems such as Crestron, AMX, Control4, RTI and others quick, easy, and effective.

Scalable to 96 Zones

Working on a large project? It's no problem for Mirage amplifiers, which can be bridged (including control and source inputs) using any combination of M-400 and M-800 amplifiers all the way up to 96 zones.

M-400	
Rated Output Power (FTC)	50W per channel (100W per zone), 8Ω loads
All Channels	
Total Harmonic Distortion (THD)	0.1% (40 Watt, 8Ω load)
Speaker Impedance (Z1 - Z6 L/R)	4Ω-8Ω
Input Sensitivity and Impedance (S1 - S6 L/R)	0.72V / 22kΩ (Unbalanced)
Coax digital input level and impedance	0.5V ± 0.05V / 75Ω
Pre Amplifier Output Level and Impedance	+16dB / 470Ω
Frequency Response	20Hz - 20 KHz ± 3dB (8Ω)
Tone Control	±12dB, 100Hz (Bass) ±12dB, 10kHz (Treble)
Signal to Noise Ratio	100dB (IHA-A, 1V input / unbalanced)
IR Output	(6) 3.5mm Jack: IR1 - IR8 current limited to 25mA
Expansion Bus	(1) Dual Coax RJ45 Socket: Control I/O, Summed IR
Source Inputs	(6) Digital Coaxial RCA, (4) Analog (L/R) RCA, (2) TOSLINK
Ethernet	(1) Shielded RJ45 socket, 100Base-T
RS232 Serial	(1) Isolated DB9 female - 9600 Baud
USB	(1) USB mini-B female 5 pin
Data	(1) 4 pole 3.5 mm terminal block connector (Data, 12V, IR, 0V)
Controllers	(4) RJ45 sockets keypad controller ports
Zone Triggers & Presets	(1) 8 pole 3.5 mm terminal block connector (Zone trigger 0V out, Zone trigger 1 - 4 12V out, Common, Preset 1 - 2 in)
Power Supply	110-240V AC 50-60Hz
Power Consumption	320W
Standby Power Consumption	4W
Dimensions with feet	4.0" H x 17" W x 15" D (10.2cm x 43.2cm x 38.1cm)
Dimensions without feet	3.5" H (8.9cm); fits 2RU
Weight	15.8 lb. (7.2 kg)
Zones	(4) zones Expandable to 96 zones, attaching additional M-800 or M-400 amplifiers

