

**AUTONOMIC**

# MIRAGE M-800

Specification Sheet for the **M-800** Digital Amplifier

Mirage amplifiers represent state of the art technology and superior sound performance utilizing cool running class D amplifiers. The M-800 is an IP addressable, 8 zone solution (6 amplified, 2 pre-out) and is bridgeable to create a system of up to 96 zones of audio distribution. The M-800 amplifier can be used as a standalone matrix amplifier, however it's designed to be the perfect companion for our award winning Mirage Audio Servers to create a complete multi-room audio system featuring Pandora, SiriusXM, Spotify, Rhapsody, Slacker, Last.fm, TuneIn, and local digital music libraries.



# MIRAGE



## M-800 MULTI-ZONE DIGITAL AMPLIFIER

### Whole Home Amplification

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

### Audiophile Quality Sound

The M-800 supports either coax or Toslink digital audio on every source input. This allows modern digital audio 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.

### Bridgeable 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.

### Amplifier

<b>Rated Output Power (FTC) All Channels</b>	50 Watts Per Channel, 8Ω loads
<b>THD (Total Harmonic Distortion)</b>	0.1% (40 Watt, 8 Ω load)
<b>Speaker Impedance (Z1 - Z6 L/R)</b>	4Ω - 8Ω
<b>Input Sensitivity and Impedance (S1 - S6 L/R)</b>	0.72V / 22KΩ (Unbalanced)
<b>Coax digital input level and impedance</b>	0.5V ± 0.05V / 75 Ω
<b>Pre Amplifier Output Level and Impedance (Z7 &amp; Z8 L/R)</b>	+16dB / 470 Ω
<b>Frequency Response</b>	20Hz - 20 KHz / - 3dB (8 Ω)
<b>Tone Control</b>	±12dB, 100 Hz (Bass) ±12dB, 10 KHz (Treble)
<b>Signal to Noise Ratio</b>	100dB (IHA-A, 1V input / unbalanced)

### Interface

<b>IR Output</b>	Ten 3.5mm Jack: IR1 - IR10 current limited to 25mA
<b>Expansion Bus</b>	One Dual RJ45 Socket: Control I/O, Summed IR
<b>Ethernet</b>	One Shielded RJ45 socket - 100Base T
<b>RS232</b>	One Isolated DB9 - 9600 Baud
<b>USB</b>	One USB mini-B 5 pin
<b>Controller</b>	One 4 way terminal block (0V, IR, 12V & Data)
<b>Amp On &amp; PG Control</b>	One 10 way terminal plug with Amp ON 1-8 contact closure inputs: PG1 & PG2

### General

<b>Power Supply</b>	110 - 240VAC 50/60 HZ
<b>Power Consumption</b>	320W
<b>Standby Power Consumption</b>	6W
<b>Dimensions with feet</b>	4.0" H x 17" W x 15" D (10.2cm x 43.2cm x 38.1cm)
<b>Dimensions without feet</b>	3.5" H x 17" W x 15" D (8.9cm x 43.2cm x 38.1cm)
<b>Weight</b>	16.3 lb. (7.4 kg)
<b>Touch Panel Display</b>	2.4" color LCD touch panel display for menu guided control and programming.

