MIRAGE M-400

Specification Sheet for the **M-400** Digital Amplifier

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 zone solution (8 channel) and is bridgeable to create a system up of up to 96 zones of audio distribution. 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 Pandora, SiriusXM, Spotify, Slacker, Rhapsody, Deezer, TuneIn, and local digital music libraries.

AUTONOMIC MIRAGE

M-400   MIRAGE 4-ROOM DIGITAL AMPLIFIER

MIRAGE

M-400 MULTI-ZONE DIGITAL AMPLIFIER

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, and two different styles of in-wall controllers are offered 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.

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

Rated Output Power (FTC) All Channels	50 Watts Per Channel, 8Ω loads
THD (Total Harmonic Distortion)	0.1% (40 Watt, 8 Ω 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 / 75 Ω
Pre Amplifier Output Level and Impedance (Z7 & Z8 L/R)	+16dB / 470 Ω
Frequency Response	20Hz - 20 KHz / - 3dB (8 Ω)
Tone Control	±12dB, 100 Hz (Bass) ±12dB, 10 KHz (Treble)
Signal to Noise Ratio	100dB (IHA-A, 1V input / unbalanced)

Interface

IR Output	Eight 3.5mm Jack: IR1 - IR6 and sum IR1 - IR6 current limited to 25mA
Expansion Bus	One Dual RJ45 Socket: Control I/O, Summed IR
Ethernet	One Shielded RJ45 socket - 100Base T
RS232	One Isolated DB9 - 9600 Baud
USB	One USB mini-B 5 pin
Controller	One 4 way terminal block (0V, IR, 12V & Data)
Amp On & PG Control	One 8 way terminal plug with Amp ON 1-4 contact closure inputs: PG1 & PG2

General

Power Supply	110 - 240VAC 50/60 HZ
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 x 17" W x 15" D (8.9cm x 43.2cm x 38.1cm)
Weight	15.8 lb. (7.2 kg)