

AUTONOMIC

MIRAGE M-120E

Specifications

The M-120e Mirage Digital Amplifier is part of the eSeries audio ecosystem, which can support up to 96 rooms of high resolution audio utilizing distributed eSeries components connected to the home's standard ethernet network.

Each M-120e provides four rooms of audio at 30 Watts per zone and its small form factor offers maximum installation flexibility with options for mounting in a structured wiring enclosure or on a wall. There are connections for two local source inputs, four powered speaker outs, and mirrored digital PCM outputs for zones 1 & 2. The amplifier can output four discrete programs sourced from its local inputs, sources connected to remote M-120e amplifiers, or eSeries Media Streamers such as the MMS-1e.

Wired with a single Cat5 Ethernet connection, the M-120e can be placed anywhere in the home or accessed wirelessly when used with the MMS-1e Mirage Music Streamer.



eSERIES

MIRAGE
AUDIO SYSTEM



High-resolution Support

All eSeries amplifiers support high-resolution audio (HRA), at 24bit/192kHz using proprietary eAudioCast™ audio over Ethernet.

Installation Flexibility

The small form factor, eAudioCast technology, and the included mounting accessories afford installers with maximum flexibility in placement. The M-120e can be mounted on a wall near zone speakers, or in a structured wire cabinet. Distributed eSeries components stream audio and control signals through the home network using a single Cat-5e connection to a router or switch.

Virtually Unlimited Zones

Multiple eSeries amplifiers can be utilized in any combination on a single ethernet network to support up to 96 zones of high-resolution audio with network-wide grouping capabilities.

Many Control Options

The entire system can be controlled using the Mirage Media Controller application for iOS and Android devices, and eSeries audio systems are fully compatible with the rich library of Autonomic Control System modules for all major automation platforms.

SPECIFICATIONS

Rated Output Power All Channels	15W per channel, 8Ω loads
Total Harmonic Distortion (THD)	<0.1% (10 Watt, 8Ω load)
Speaker Impedance (Z1-Z4)	4Ω–8Ω
Input Sensitivity and Impedance (S1)	0.72V / 22KΩ
Balanced Audio	0.72V / 680Ω
Frequency Response	20Hz–20kHz
Tone Control	±12dB, 100Hz (Bass) ±12dB, 10kHz (Treble)
Signal-to-Noise Ratio	96dB (IHA-A, 1V input / unbalanced)
Source Inputs	(2) Analog source inputs, (2) Digital PCM outputs for zones 1 & 2 Impedance: 75Ω 0.5V RMS, (4) powered speaker channels
LAN Connection	(1) 8-wire RJ45 with 2 LED indicators; 10/100 Mbps/sec BaseT Ethernet port; green LED indicated link status; yellow LED indicated Ethernet activity
Keypad Controllers	(2) KP-6 In-wall keypad controller ports
Infrared Out	(1) IR transmit for control of third-party devices; 3.5mm jack current limited to 25mA
Zones	(4) Zones, expandable to 96 zones with additional supported Autonomic amplifiers
Audio Adjustments	Per-zone adjustments for Bass, Treble, Balance, Loudness, Audio Delay (up to 600ms), Zone Linking
Power Supply	100–240V AC Ext DC 15V @ 5.3
Power Consumption	79.5W
Environmental Requirements	Humidity: 10% to 90% RH (non-condensing) Temperature: -13°F to 185°F (-25°C to 85°C)
Dimensions	6.5" x 5.8" x 1.4" (165mm x 147mm x 35mm)
Net Weight	2 lbs (0.85 kg)
Mounting	(4) brackets for structured wire cabinet / wall mount
Warranty	2-year limited warranty

