The M-801e Digital Amplifier is currently in a temporary backorder status due to an ongoing supply-chain shortage affecting our ability to source chips used in the amplifier. If you need a more immediate solution, here are a few options using products that are in stock that will deliver a compatible implementation.



## 2X M-401E
## 8 POWERED ZONES

Add two powered zones with a full feature set comparable to the M-801e minus the two pre-amp outputs. Features include:

- eAudiocast (no audio interconnects required between MMS and amplifier; supports up to 32 sources)
- 12 Physical Source Inputs (available to all amplified zones)
- 110W per zone
- $500 MSRP per Zone
- 8 KP-6 Keypad Ports
- Two-way control system integration

## M-401E + M-120E
## 8 POWERED, 2 PRE-AMP OUTS

Replace the M-801e pre-amp outputs with the pre-amp outputs on the M-120e to maintain a similar system design with six powered zones. Important differences in the system include:

- Pre-amp outputs mirrored to Zone 1 & 2 on the M-120e and are not volume adjustable
- eAudiocast (no audio interconnects required between MMS and amplifier; supports up to 32 sources)
- 8 Physical Source Inputs (Source 2 on M-120e requires the use of the included audio balun)
- 110W per zone (M-401e; 4 powered) and 30W per zone (M-120e; 4 powered)
- $278 MSRP per Zone
- 6 KP-6 Keypad ports
- Rack mountable M-401e and wall or cabinet mountable M-120e
- Two-way control system integration

# TECHNICAL SPECS

| | M-801E | M-401E | M-120E |
|---|---|---|---|
| **Rated Output Power (FTC)** | 55W per channel / 8Ω loads | 55W per channel / 8Ω loads | 15W per channel, 8Ω loads |
| **All Channels** | 75W per channel / 4Ω loads | 75W per channel / 4Ω loads | |
| **Total Harmonic Distortion (THD)** | 0.1% (50 Watt, 8 Ω load) | 0.1% (50 Watt, 8 Ω load) | <0.1% (10 Watt, 8Ω load) |
| **Damping Factor (8Ω load)** | 10 | 10 | |
| **Speaker Impedance (Z1 - Z6 L/R)** | 4Ω–8Ω | 4Ω–8Ω | 4Ω–8Ω |
| **Analog Input Sensitivity (S1 - S8 L/R)** | 0.75V RMS (Vol 100, Gain 0dB, 55W Output) | 0.75V RMS (Vol 100, Gain 0dB, 55W Output) | 0.72V |
| **Analog Input Impedance (S1 - S8 L/R)** | 22KΩ | 22KΩ | 22KΩ |
| **Digital Input sensitivity** | 0dBFS | 0dBFS | |
| **Pre Amplifier Output Level and Impedance (Z7 & Z8 L/R)** | +14dB | | |
| **Frequency Response** | 48 KHz sample rate: 10Hz - 22 KHz 96 KHz sample rate: 10Hz - 42 KHz | 48 KHz sample rate: 10Hz - 22 KHz 96 KHz sample rate: 10Hz - 42 KHz | 20Hz–20kHz |
| **Tone Control** | ±12dB, 100Hz (Bass) ±12dB, 10kHz (Treble) | ±12dB, 100Hz (Bass) ±12dB, 10kHz (Treble) | ±12dB, 100Hz (Bass) ±12dB ,10kHz (Treble) |
| **Signal to Noise Ratio** | 95dB (IHA-A, 0.75V input / unbalanced) | 95dB (IHA-A, 0.75V input / unbalanced) | 96dB (IHA-A, 1V input / unbalanced) |
| **IR Output** | (10) 3.5mm Jack: IR1 - IR8 current limited to 25mA | (6) 3.5mm Jack: IR1 - IR8 current limited to 25mA | (1) IR transmit for control of third-party devices; 3.5mm jack current limited to 25mA |
| **Source Inputs** | (12) Digital Coaxial RCA, (8) Analog (L/R) RCA, (4) TOSLINK | (6) Digital Coaxial RCA, (4) Analog (L/R) RCA, (2) TOSLINK | (2) Analog source inputs, (2) Digital PCM outputs for zones 1 & 2 Impedance: 75Ω 0.5V RMS, (4) powered speaker channels |
| **Ethernet** | (2) 100Base-T, MAIN IN and Switch EXT OUT | (2) 100Base-T, MAIN IN and Switch EXT OUT | (1) 8-wire RJ45 with 2 LED indicators; 10/100 Mbits/sec BaseT Ethernet port; green LED indicated link status; yellow LED indicated Ethernet activity |
| **USB** | (1) USB mini-B female 5 pin | (1) USB mini-B female 5 pin | |
| **Data** | (1) 4 pole 3.5 mm terminal block connector (Data,12V, IR,0V) | (1) 4 pole 3.5 mm terminal block connector (Data,12V, IR,0V) | |
| **Controllers** | (8) RJ45 sockets Keypad controller ports | (4) RJ45 sockets Keypad controller ports | (2) RJ45 sockets Keypad controller ports |
| **BUS RUN** | (1) 4 way terminal block (0V, IR 12V & Data) | (1) 4 way terminal block (0V, IR 12V & Data) | |
| **Amp On & PG Control** | (1) 10 way terminal plug with Amp ON 1 - 8 and (2) page preset contact closure inputs: PG1 & PG2 | (1) 8 way terminal plug with Amp ON 1 - 8 and (2) page preset contact closure inputs: PG1 & PG2 | |
| **Zone Triggers & Presets** | (1) 12 pole 3.5 mm terminal block connector (Zone trigger 0V out, Zone trigger 1 - 8 12V out, Common, Preset 1 - 2 in) | (1) 8 pole 3.5 mm terminal block connector (Zone trigger 0V out, Zone trigger 1 - 8 12V out, Common, Preset 1 - 2 in) | |
| **Power Supply** | 110–240V AC 50–60Hz | 110–240V AC 50–60Hz | 100–240V AC Ext DC 15V @ 5.3 |
| **Power Consumption** | 650W | 650W | 79.5W |
| **Standby Power Consumption** | 6W | 6W | |
| **Dimensions with feet** | 4.0" H x 17" W x 15" D (10.2cm x 43.2cm x 38.1cm) | 4.0" H x 17" W x 15" D (10.2cm x 43.2cm x 38.1cm) | 6.5" x 5.8" x 1.4" (165mm x 147mm x 35mm) |
| **Weight** | 15.4 lb. (7 kg) | 15.4 lb. (7 kg) | 2 lbs (0.85 kg) |
| **Height including feet** | 105 mm | 105 mm | |
| **Touch Panel Display** | 2.4" color LCD touch panel display for menu guided control and programming. | | |
| **Zones** | (8) zones Expandable to 96 zones, attaching additional M-801e or M-401e amplifiers | (4) zones Expandable to 96 zones, attaching additional M-801e or M-401e amplifiers | (4) Zones Expandable to 96 zones with additional supported Autonomic amplifiers |
| **Mounting** | 2 RU | 2 RU | (4) brackets for structured wire cabinet / wall mount |
| **Warranty** | 2-year limited warranty | 2-year limited warranty | 2-year limited warranty |

## eAudioCast™

Available on all eSeries Mirage Media Servers and Mirage Digital Amplifiers. eAudioCast is proprietary audio-over-IP technology streaming high resolution audio with no audio interconnects required between server and amplifier. Stream up to 32 network and physical source inputs to all network amplifiers eliminating the need for co-located equipment.

# AUTONOMIC