

Product Transition for the M-401e Amplifier (Effective Jan. 2023)



M-401 PRODUCT TRANSITION TABLE

TRANSITION FROM		TRANSITION TO	
M-401E	M-801E	M-120E	
			
<ul style="list-style-type: none"> • 4 Powered Zones at 8ohms, 4 ohm Stable • 110W RMS per Zone • 6 Source Inputs • eAudioCast proprietary AoIP technology • 4x KP-6 Keypad Ports 	<ul style="list-style-type: none"> • 6 Powered Zones at 8ohms, 4 ohm Stable • 2x Pre-Amp Outputs • 110W RMS per Zone • 12 Source Inputs • eAudioCast proprietary AoIP technology • 8x KP-6 Keypad Ports 	<ul style="list-style-type: none"> • 4 Powered Zones at 8 ohms • 2x Pre-Amp Outputs (Mirrored to Zones 1 & 2 with fixed volume) • 30W RMS per Zone • 2 Source Inputs • eAudioCast proprietary AoIP technology • 2x KP-6 Keypad Ports 	

SYSTEM PRODUCT RETIREMENT

Autonomic system base packages are affected by the M-401e product retirement. The following SKUs are discontinued.

Discontinued SKUs: MAS-8-3E, MAS-10-3E, MAS-14-3E, MAS-16-3E, MAS-10-5E, MAS-14-5E, MAS-16-5E

FLEXIBLE SOLUTIONS WITH ESERIES

The Autonomic eSeries ecosystem is a network-based multi-room audio solution with flexibility to mix and match any configuration of eSeries MMS streaming music players and digital amplifiers. The system can support 32 simultaneous network streams comprised of MMS sources and physical source inputs to be distributed in up to 96 zones.



DETERMINE STREAMS

Select how many streams and onboard storage is required for your multi-room audio project.

MODEL	AVAILABLE STREAMS	INTERNAL STORAGE
MMS-5e	5 Simultaneous	256 GB
MMS-3e	3 Simultaneous	128 GB
MMS-1e	2* Simultaneous	32 GB

**eSeries Amplifier required for access to two simultaneous streams. MMS-1e supports only one physical stream when paired with third-party amplification.*

BUILD YOUR ZONES

Mix and match the M-801e and M-120e amplifier models to bring audio to multiple zones. Each model supports two pre-amplified zones* to expand to other systems. (I.e, AV Receiver, Outdoor Landscape Audio System)



MODEL	AVAILABLE ZONES	POWER RATING
M-801e	8 Zones Total 6 Powered Zones 2 Pre-Amp Outputs*	110W per Zone
M-120e	4 Zones Total 4 Powered Zones 2 Pre-Amp Outputs* (Mirrored to Zones 1 & 2)	30W per Zone

**Pre-amplified zones on the M-801e supports full volume control through the TuneBridge application. The M-120e pre-amplified zones are fixed volume.*

Integrate and control with the popular home automation control systems, download the TuneBridge app for standalone control, or add the KP-6 in-wall keypad for local room control.

TECHNICAL SPECIFICATIONS



	M-401E (DISCONTINUED)	M-801E	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	(6) 3.5mm Jack: IR1 - IR8 current limited to 25mA	(10) 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	(6) Digital Coaxial RCA, (4) Analog (L/R) RCA, (2) TOSLINK	(12) Digital Coaxial RCA, (8) Analog (L/R) RCA, (4) 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 Mbps/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	(4) RJ45 sockets Keypad controller ports	(8) 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) 8 way terminal plug with Amp ON 1 - 8 and (2) page preset contact closure inputs: PG1 & PG2	(1) 10 way terminal plug with Amp ON 1 - 8 and (2) page preset contact closure inputs: PG1 & PG2	
Zone Triggers & Presets	(1) 8 pole 3.5 mm terminal block connector (Zone trigger 0V out, Zone trigger 1 - 8 12V out, Common, Preset 1 - 2 in)	(1) 12 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	(4) zones Expandable to 96 zones, attaching additional M-801e or M-401e amplifiers	(8) 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.