



### F01U163627

#### ADAM-M Matrix Intercom

Reengineered with the latest design and technology, the ADAM-M Matrix Intercom bridges legacy with innovation. The sleek redesign provides 128+ ports in an extremely compact 3RU package, with full redundancy on the master controllers and power supplies. The Matrix frame supports all current ADAM cards, including AIO-16, RVON-16, MADI-16 Plus, Tribus, and MCII-e controllers. It also supports existing ADAM wiring schemes and options.

Built for the entire world and the REAL world, the chassis plugs and plays anywhere, running on 90-264VAC at 50/60 Hz.

The chassis is built with improved low noise cooling, hot-swappable components (including cooling modules), and improved status reporting.

#### Features

##### Port Density

The ADAM-M supports 128+ ports in a 3RU unit, giving more functionality with less rack space used.

##### Redundant Master Controllers

Every ADAM-M is equipped with two (2) master controllers that are fully redundant to each other, so if one fails the other will take over until the failed controller can be brought back online.

##### Power System

The ADAM-M has two (2) fully redundant, hot-swappable power supplies that work from 90-264VAC, 50/60Hz with low noise cooling and advanced status reporting capabilities. UL, CSA, CE, VDE, FCC, and PSE approved.

##### Compatibility Bridging with Past and Future

The ADAM-M supports existing legacy products, such as the AIO-16, RVON-16, MCII-e, Tribus, and MADI-16, as well as our next generation of cards.

##### Extended Backcard Capabilities

The ADAM-M includes provisions for expanded backcards to increase wiring options and simplicity.

##### Integration/Expansion

The ADAM-M, utilizing existing cables and bus expanders, integrates and expands existing intercom systems into larger systems with minimal effort.

##### Hot-Swappable Components

Not only are the I/O cards in the ADAM-M hot-swappable, but the power supplies and fans are completely removable, making replacement and maintenance easier than ever.

#### Ordering Information

##### Part Numbers

ADAM-M (US), F01U173325

ADAM-M (EURO), F01U173326

ADAM-M (UK), F01U173327

ADAM-M (No Cord), F01U173328

## Specifications

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<b>General</b>	Matrix Size – 16-128 ports, frame expandable up to 880 ports
<b>Cards Supported</b>	<b>AIO-16:</b> 16 Analog ports with individual, bi-directional data 15Hz to 20kHz, >90dB A-weighted S/N <b>MADI-16 Plus:</b> 16 to 64 channels of MADI <b>RVON-16:</b> 16 VoIP ports supporting G.711, G.729A, and G.723 <b>Tri-Bus:</b> Triple Bus Expander for linking between ADAM-M and other ADAM frames. <b>MCII-e:</b> Ethernet Master Controllers in redundant configuration.
<b>Electrical</b>	Universal PSU 90V to 264V 50/60Hz Relay Status Connection - DB-9 (female) Pin 1 – NO            Pin 6 – Common Pin 2 – NC            Pin 7 – N/A Pin 3 – N/A           Pin 8 – N/A Pin 4 – N/A           Pin 9 – N/A Pin 5 – N/A
<b>Environmental</b>	Temperature  Operating: 0°C to +50°C (+32°F to +122°F) Storage: -40°C to +55°C (-40°F to +131°F) Humidity: 0 to 95% non-condensing  Dimensions  Height: 5.25” (133.35mm) 3RU Width (frame with rack ears): 19” (482.6mm) Depth: 12.0” (305mm) Weight: 22.05lbs (10.00kg)
<b>Approvals</b>	UL, CSA, CE, VDE, FCC, PSE, REACH, RoHS, WEEE, CCC, KC, ACMA C-Tick, China RoHS, and IEC CB Scheme

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