ADAM-M
Matrix Intercom

Engineered with the latest design technology, the ADAM-M Matrix Intercom bridges legacy with innovation. The sleek design provides 128+ ports in an extremely compact 3 **RU** (Rack Unit) package, with full redundancy of 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 world wide use, the chassis plugs and plays anywhere, running on 90–264VAC at 50/60Hz.

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

Features

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

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

- Every ADAM-M is equipped with two (2) master controllers that are fully redundant to each other, so if one fails the other one will take over.

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

- The I/O cards in the ADAM-M are fully hot-swappable, but the power supplies and fans are also completely removable, making replacement and maintenance easier than ever.

- 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.

Specifications

General

Matrix Size: 16–128 ports, frame expandable up to 880 ports

Cards Supported

AIO-16: 16 Analog ports with individual, bi-directional data 15Hz to 20kHz, >90dB A-weighted S/N

MADI-16 Plus: 16 to 64 channels of MADI

RVON-16: 16 VoIP ports supporting G.711, G.729A, and G.723

Tri-Bus: Triple Bus Expander for linking between ADAM-M and other ADAM frames

MCII-e: Ethernet Master Controllers in redundant configuration

Electrical

Universal PSU 90V to 264V 50/60Hz

Environmental

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: 20" (508mm)

Weight: 22.05lbs (10.00kg)

Approvals

UL, CE, FCC, RoHS, WEEE, and CB Scheme

Order Information

ADAM-M-US • ADAM-M • ADAM-M Intercom Frame (US)
ADAM-M-EU • ADAM-M • ADAM-M Intercom Frame (EURO)
ADAM-M-UK • ADAM-M • ADAM-M Intercom Frame (UK)
ADAM-M-NC • ADAM-M • ADAM-M Intercom Frame (No Cord)

The specification information is preliminary and is subject to change without notification.
Brand names mentioned are the property of their respective companies.

RTS
www.rtsintercoms.com