

ADAM 2

Advanced Digital Audio Matrix

The RTS family of Digital Intercom Matrices is the most extensive, widely used, scalable and backwards compatible line of intercoms in the world today. The high-end ADAM 2 Matrix supports 8 to 880 users per system; 512 ports possible in just a seven RU (Rack Units) frame.

Utilizing a patented TDM (Time Division Multiplex) technique, the ADAM 2 grows linearly as users are added. The system comes standard with redundant universal power supplies (100-240 VAC), and supports redundant controllers, allowing for automatic change-over in the event of failure.

ADAM 2 is available with a wide variety of Interface cards in the industry, including the MADI-16, OMI, AIO-16A, and RVON + interfaces. It also has the wide variety of cabling options, including RJ11, RJ45, DB9, jack fields, and many others.

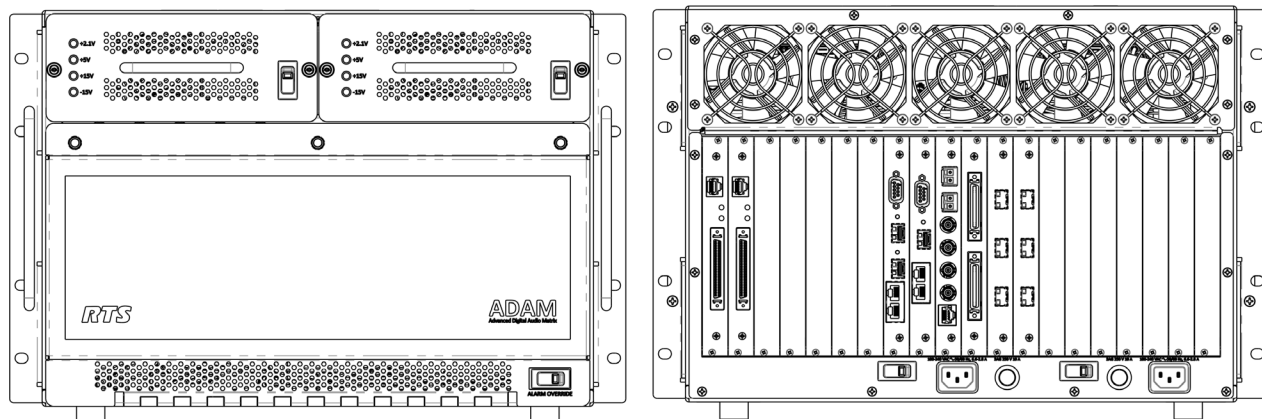
With its second generation controller card, Ethernet connectivity is achieved between the ADAM 2 Intercom and AZedit. ADAM 2 can support 32 simultaneous AZedit sessions.



Features

- Supports all standards including VoIP, OMNEO, DANTE, Analog, SMPTE 2110, MADI, and more depending on cards populated in the frame.
- The new ADAM 2 is designed with quieter fans, universal power supplies that operate in all countries and is compatible with ALL current and legacy RTS keypanels and accessories. It comes standard with multi-level IFB, ISO, Party-Lines, Groups, and GPIs. It supports from 8 to 880 users.
- Supports real-time monitoring online and offline configuration and RTS UPL (User Programmable Language) for custom system configurations via pull-down menus.
- In addition to digital and VoIP cards, the analog dual-purpose ports support both keypanel and 4-wire audio.
- Integrated support for RTS Intelligent Trunking of 255 matrices (ADAM, ADAM-CS, ADAM-M, ADAM 2, Cronus, Zeus III, and ODIN).

Line Drawing



Specifications

Matrix Size	8 to 880 ports
	17 AIO slots
	2 Master Controller slots
	1 Blank slot
Matrix Type	Digital Audio
	TDM Bus
Signal Format	44.1 kHz, 24-bit
Redundancy	Power/Controller
Matrix Frame Dimensions	12.25 in. (31.12 cm) H x 19 in. (48.26 cm) W x 20 in. (50.8 cm) D
Power	100 VAC to 240 VAC, 50/60 Hz, 700 VA
Approvals	CE Compliant and UL Certified
Temperature	
Operating	32° F to 122° F (0° C to 50° C)
Storage	-4° F 158° F (-20° C to 70° C)
Ventilation	Minimum 6" clearance to fan area, unobstructed

Order Information

ADAM 2 FRAME • Frame 100-240 VAC
 ADAM 2 FRAME@PI • Frame, 100-240 VAC installed
 ADAM 2 WO PS • Frame, 100-240 VAC without Power Supplies
 ADAM PS BLACK • Universal Power Supply for ADAM

The specification information is subject to change without notification.
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