



Cronus™ Digital Intercom Matrix

RTS™ Cronus™ is a 32-port digital matrix intercom in 2 RU. Based upon an advanced DSP architecture, Cronus has the ability to link up to 4 units into a single 128 port matrix. Through the use of standard video coaxial cable, the individual Cronus units can be located hundreds of meters apart, and still appear as a single matrix.

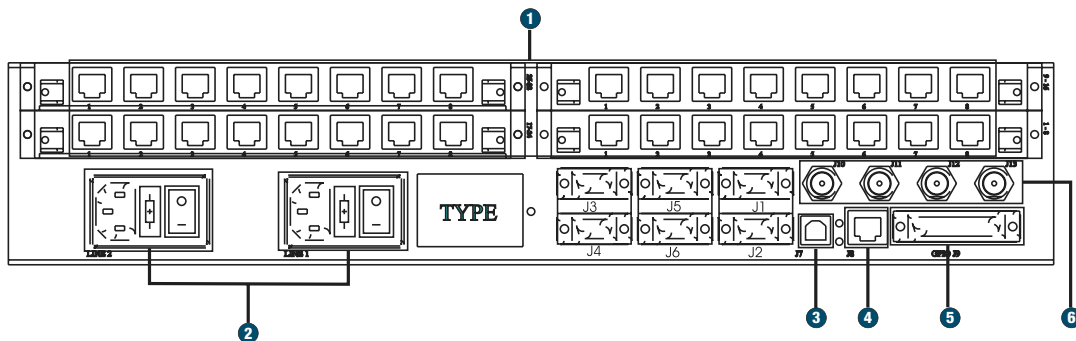
When connected as a single matrix, the individual Cronus control remains autonomous and independent at each matrix for the highest reliability.

RTS™ Cronus™ “Seamless Sizing” allows 2, 3, or 4 matrices to be combined by the simple addition of coaxial cable. Seamless sizing means that upon interconnection, each matrix and all panels learn about the new configuration without operator intervention or reprogramming. The USB ports for programming are available on both front and rear panels. The front panel display and shaft encoders permit extensive control without the need for a PC.

Cronus is FULLY compatible with all existing RTS matrix products. Also, Cronus has the ability to connect, via an interface card, to existing ADAM matrices. This allows Cronus to be a “satellite” matrix to any existing ADAM™ intercom system from a 128 port single frame system to a frame of over 800 ports - a single, large matrix - no trunking, no blocking.

Features:

- **Active Feedback Suppression** - Feedback suppression to allow high volume operation in confined areas without the worry of feedback.
- **Seamless Sizing** - Dynamically resizes the matrices when additions are detected without operator intervention.
- **USB Connectivity** - Convenient front panel access as well as traditional rear access for system programming.
- **Advanced DSP** - Digital signal processing designed to support audio signal processing as well as VOX on all 32 ports (inputs).
- **Modular Architecture** - The modular architecture allows for port expansion from 8 to 32 ports giving easy user expandable systems in the field. Also, users can choose from a variety of intercom cards such as VOIP, AES-3 and Analog, each of which support 8 channels or ports.
- **Redundant Power Supply** - Each Chassis is powered by two internal power supplies, either of which can sufficiently power all the equipment ALONE. The power supplies have separate AC feeds for the ultimate in redundancy and protection.

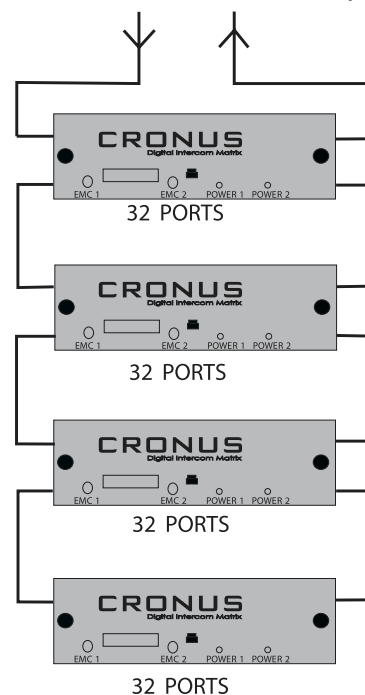


- 1 Intercom Ports
- 2 Redundant Universal AC Power Supplies
- 3 USB Programming Connection
- 4 LAN Programming Connection
- 5 GPI/O Connections
- 6 Matrix Expansion Links

- J1 AZ Edit Serial Connection
- J2 TBD
- J3 RS 485/422
- J4 For UIO/PAP/LCP-102 Panels
- J5 For UIO/PAP/LCP-102 Panels
- J6 For UIO/PAP/LCP-102 Panels

Seamless Sizing Diagram

RTS ADAM Intercom Matrix (Optional)



Distributed by:

All specifications are subject to change without notice.

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WARRANTY INFORMATION

Products are warranted by Telex Communications, Inc. to be free from defects in materials and workmanship for a period of three years from the date of sale.

The sole obligation of Telex during the warranty period is to provide, without charge, parts and labor necessary to remedy covered defects appearing in products returned prepaid to Telex. This warranty does not cover any defect, malfunction or failure caused beyond the control of Telex, including unreasonable or negligent operation, abuse, accident, failure to follow instructions in the manual, defective or improper associated equipment, attempts at modification and repair not authorized by Telex, and shipping damage.

To obtain warranty service, follow the procedures entitled "Procedure for Returns" and "Shipping to Manufacturer for Repair or Adjustment."

This warranty is the sole and exclusive express warranty given with respect to RTS products. It is the responsibility of the user to determine before purchase that this product is suitable for the user's intended purpose.

ANY AND ALL IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY ARE LIMITED TO THE DURATION OF THIS EXPRESS LIMITED WARRANTY.

NEITHER TELEX NOR THE DEALER WHO SELLS TELEX PRODUCTS IS LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND.