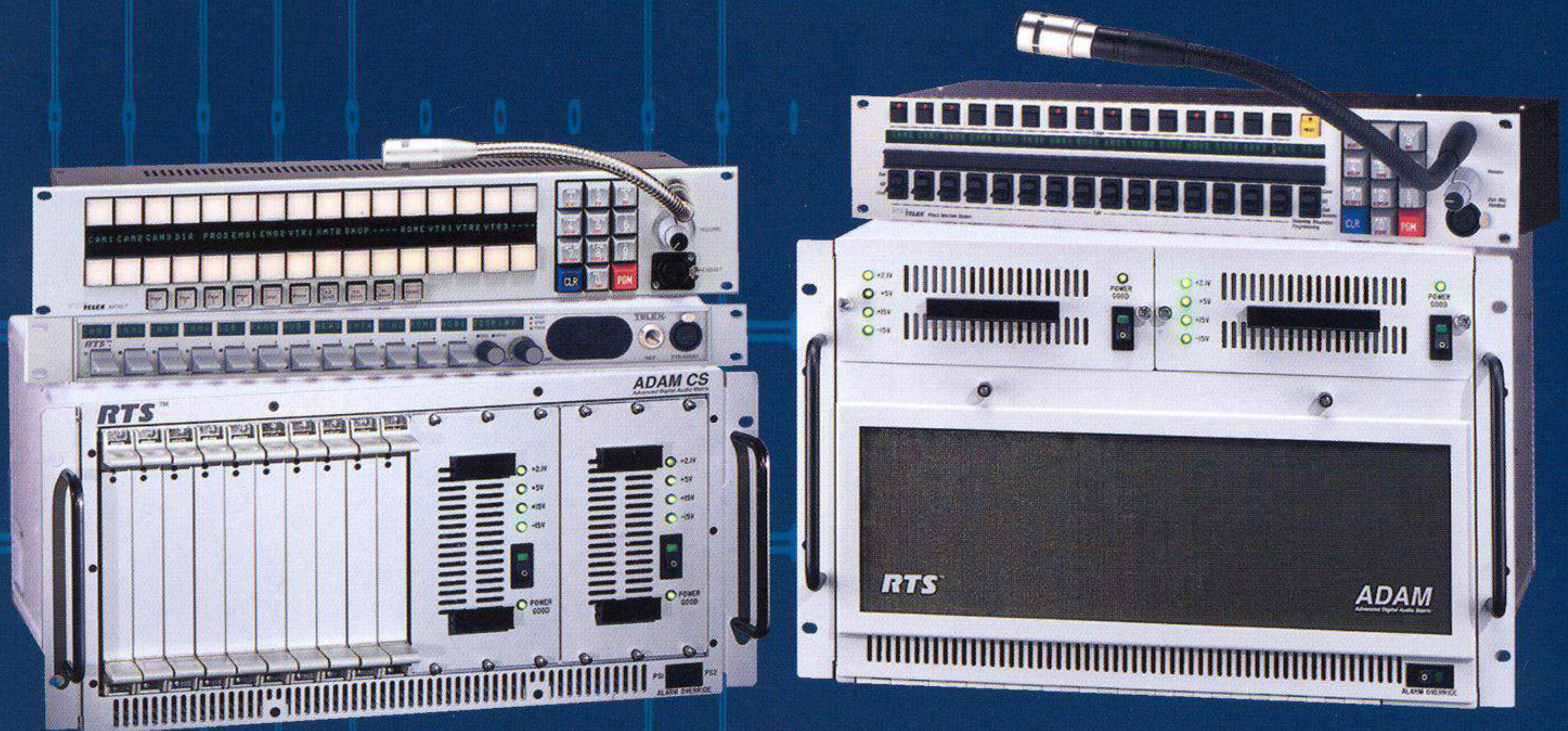


**RTS™**

**Digital Matrix Intercom Systems**



MATRICES, USER STATIONS AND ACCESSORIES



# RTS™

## 2 **RTS MATRIX INTERCOM OVERVIEW**

Overview of Matrix Intercom line, including matrices and accessories



## 3-4 **Matrices**

ADAM and ADAM-CS Modular matrices expandable from 8 to 1,000 ports. Redundant controllers and power supplies standard. Multiple wiring options available, ZEUS DSP2400 matrix with 24 ports in 2 RU



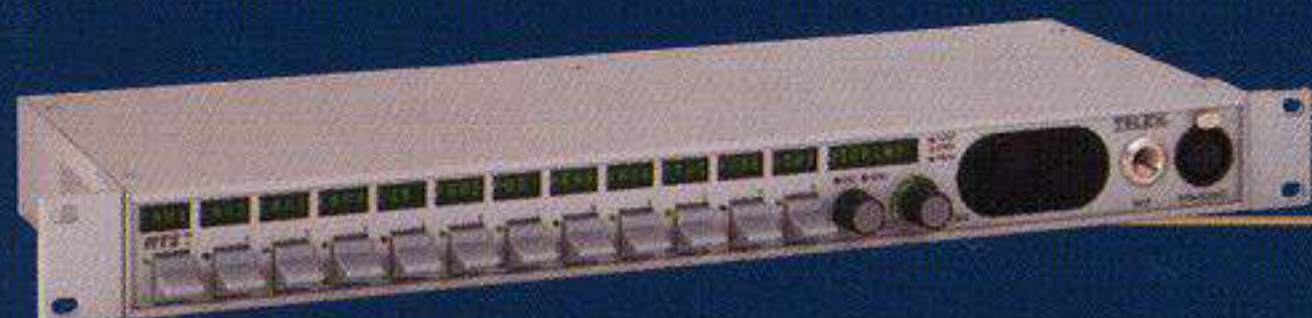
## 5-6 **KP-32 DSP Keypanel Family**

Fully Programmable Keypanel series with DSP features, Level controls, and 32 keys in 2 RU



## 7-8 **KP-9x Classic Keypanel Family**

The standard of the industry, wide variety of configurations including programmable keypads, and alpha-numeric displays. Level control and expansion panels available



## 9-10 **KP-12 Modular Keypanel Family**

Fully programmable, full-featured compact keypanels available in a wide variety of rack and desk mount configurations



## 11 **Value Series Keypanel Family**

Value Series keypanels with user assignable keys, LED call-waiting display, in a variety of rack, wall and desk mount configurations



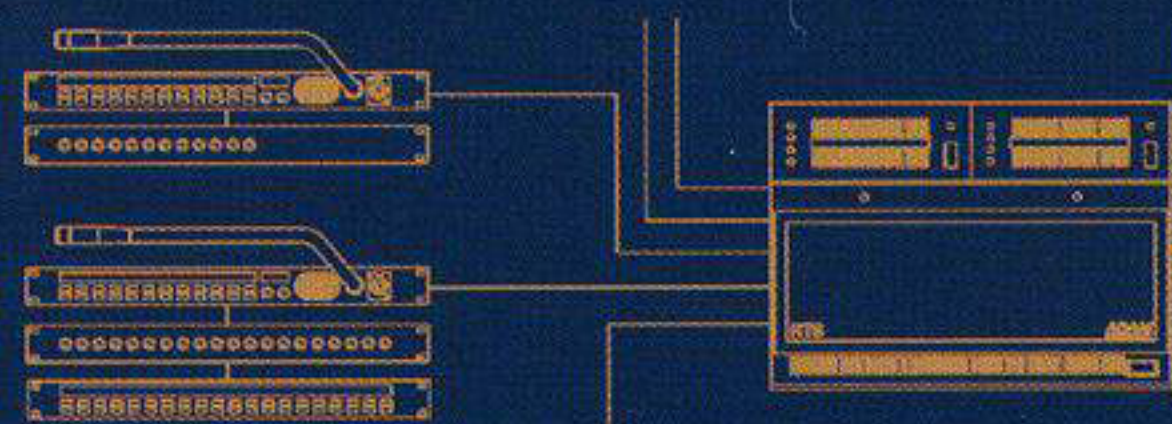
## 12 **RTS Matrix Accessories**

Telephone and TW hybrids, multi-purpose level control and configuration panels, GPI interfaces, party-line and IFB assignment panels, and other matrix accessories



## 13 **Telex Broadcast Headsets/Earsets/Mics**

Wide variety of headsets in mono and stereo configurations, standard and lightweight designs, and talent earsets and accessories for use with IFB systems



## 14 **Applications**



RTS ADAM™, ADAM™-CS and ZEUS™ Intercom matrices are feature and accessory compatible members of the RTS Digital Matrix Intercom family. The matrices all feature Windows® based configuration software (ADAM-EDIT or ZEUS-EDIT) with full support for party-lines, IFBs, ISOs, GPI, intelligent telephone hybrids, and external interfaces. All systems feature RTS' exclusive UPL (User Programmable Language) which permits the USER to configure via software the widest possible variety of custom features. Pull down menus allow easy test and control of all manner of GPIs, intercom keys, audio levels, and file configurations.

RTS offers the widest variety of keypanels, system interfaces, and communications options available in the industry. With over 30 different models of keypanels, and hundreds of accessory items, RTS has exactly what you need to create your communications system.

RTS matrices, keypanels and accessories are fully backward compatible with the previous generations of the product, reflecting RTS' commitment to the long term needs of our customers.

Proven world-wide for over forty years, for broadcast, theater and industrial applications, there is simply no better system for your needs than RTS Digital Matrix Systems.

# **RTS™**

## **Digital Matrix Intercom System**

O V E R V I E W

**RTS™ Digital Matrix Intercom Systems**

**represent the state-of-the-art of full**

**featured, reliable, expandable**

**professional intercom systems.**

**Matrices are available in sizes from**

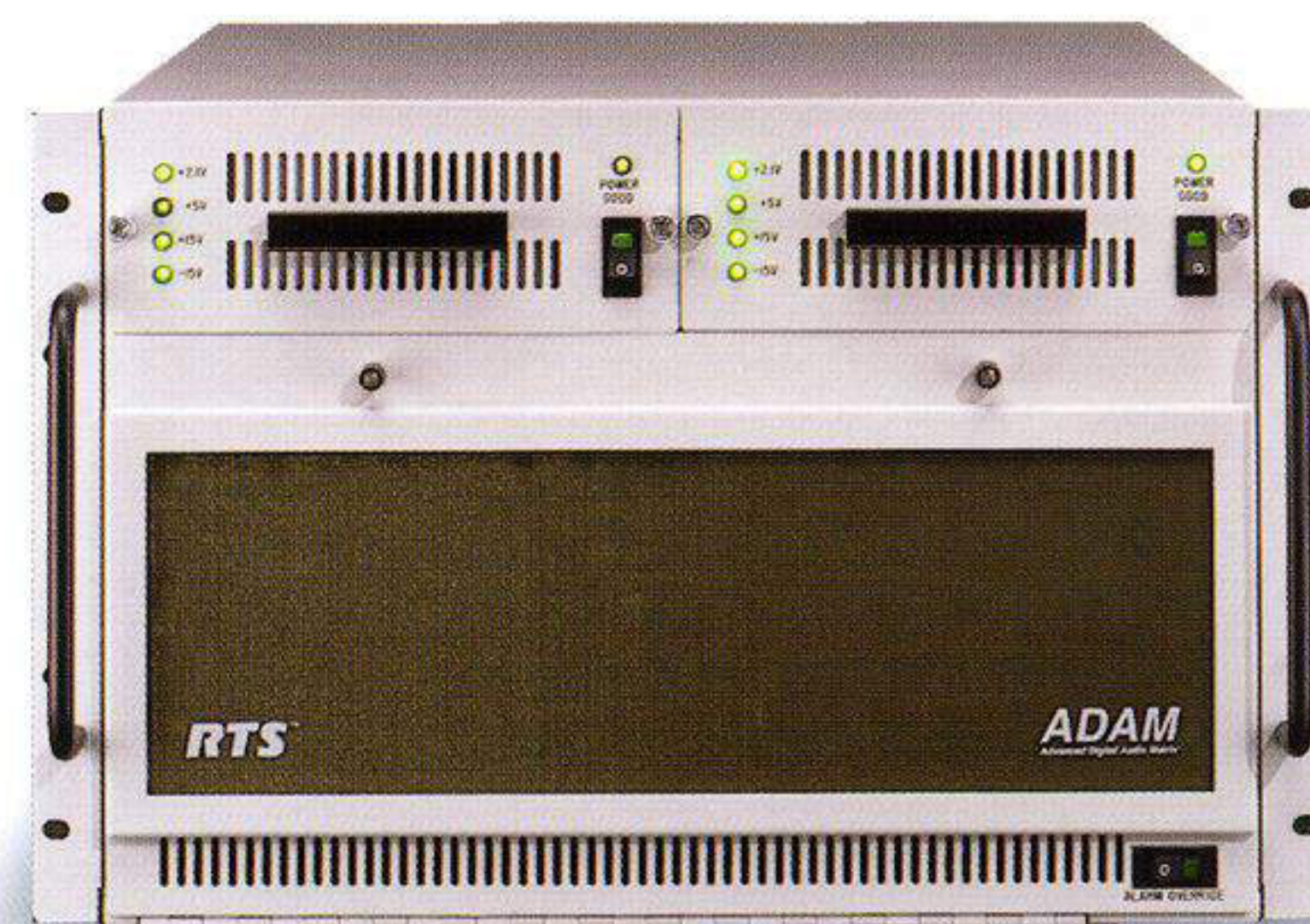
**8 to 1,000 users and RTS offers the**

**widest variety of user stations and**

**interfaces available today.**



# Digital Matrix Intercom



## **ADAM™** (Advanced Digital Audio Matrix)

The largest and most expandable in the RTS Matrix family, ADAM provides up to 136 ports in a single 7 RU frame, and can be expanded to 1,000 ports in a single matrix. ADAM comes standard with redundant power supplies and redundant controllers, and features automatic changeover in the event of failure. ADAM is available with a wide variety of cabling options, including RJ-11, DB-9, jackfields, and many others.

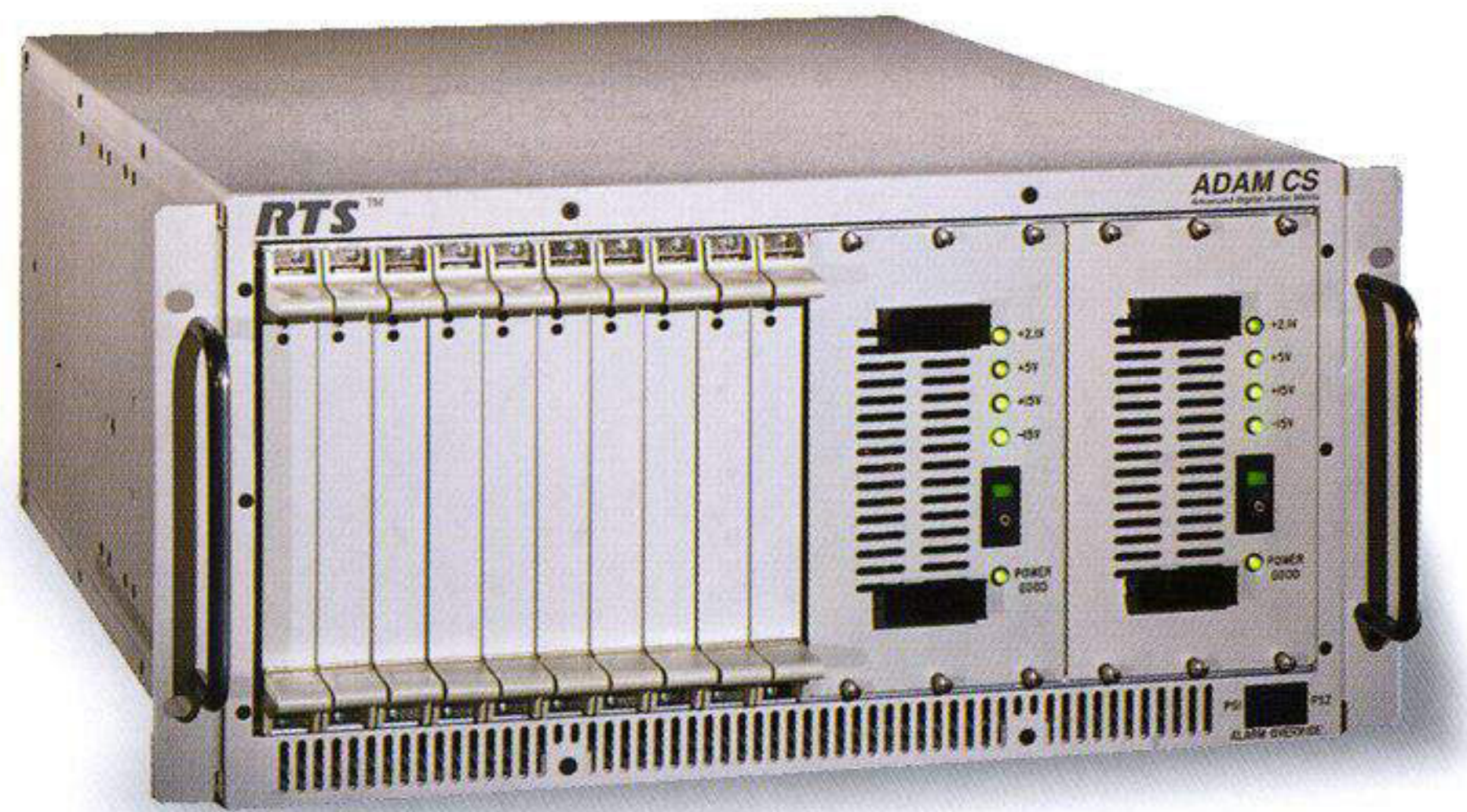
## Features

- Individual cross-point level controls
- Non-volatile memory for all system setup and assignment information
- Real-time, on-line configuration and monitoring
- RTS UPL User Programmable Language for custom system configurations via pull down menus
- 8 GPI inputs and outputs standard, may be increased up to 255
- Sizes from 8 to 1,000 Users
- Multi-level IFB, ISO, Party-Lines, Groups, and GPI all STANDARD
- Dual Purpose Ports support BOTH keypanels and 4W signals
- Integrated support for RTS Intelligent Trunking of 21 matrices (ADAM and ADAM-CS Series)

## Specifications

Matrix Type:	Digital Audio, TDM Bus
Signal Format:	44.1kHz, 24 bit backplane
Audio Levels:	+8 dBu nominal, +20 dBu max (adjustable +/- 20 dB by user)
Response:	15 Hz to 19.5 kHz +/- 1.5 dB
THD:	<.05% at +20 dBu
S/N:	>75 dB A Weighted
Approvals:	UL CSA CE VDE FCC





## ADAM™-CS

Just like its "big brother" ADAM-CS comes standard with redundant power supplies and controllers. Providing up to 64 ports in just 5 RU of space, ADAM-CS provides a cost effective solution, where space is critical, and reliability and performance can NOT be compromised.



## ZEUS™

Packed with all the performance and features as ADAM, ZEUS offers a very cost effective 24 ports in just 2 RU of space. Single circuit board construction provides the ultimate in rugged reliability. Front panel status LEDs for each port provide quick and easy confirmation of system operation. Enhanced audio design delivers in excess of 85 dB dynamic range, allowing ZEUS to be used in many audio routing and mixing applications.

Specifications	ADAM™	ADAM™-CS	ZEUS™
Matrix Size	8 - 1,000 ports	8 - 64 ports	24 ports
Signal Format	44.1 kHz, 16 Bit	44.1 kHz, 16 Bit	44.1 kHz, 20 Bit
Trunking	RTS Intelligent Trunking	RTS Intelligent Trunking	4 Wire Audio
Connectors	DB-9, RJ-11, RJ-45, Jackfield	DB-9, RJ-11, RJ-45, Jackfield	DB-9
Audio Level Nominal	+8 dBu	+8 dBu	+8 dBu
Audio Level Maximum	+20 dBu	+20 dBu	+20 dBu
Response	15 Hz - 19.5 kHz	15 Hz - 19.5 kHz	20 Hz - 19.5 kHz
S/N Ratio	>75 dB below +20 dBu	>75 dB below +20 dBu	>85 dB below +20 dBu
THD	<.05%	<.05%	<.01%
Redundancy	Power / Controller	Power / Controller	



# KP-32 DSP Keypanel



The RTS KP-32 family of Keypanels is the newest in the RTS line. Featuring contemporary styling and extensive programmability, the panels provide unprecedented function and performance. The KP-32 Keypanel is 2 RU high and has 32 lever keys: 30 keys for intercom talk/listen assignment; 1 key for call waiting respond/clear and 1 key for headset selection. The KP-32 combines all the programmable features of the KP-9x and KP-12 series keypanels, while adding significant new features such as DSP processing for mixing and controlling the audio signals. The KP-32 also introduces the largest, brightest displays in the industry using rugged, long life fluorescent displays, with adjustable dimming, making it suitable for all types of ambient lighting from direct sunlight to darkened control room. The advanced ergonomics of the KP-32 series provides 30 assignable keys in 2 RU, 62 keys in 4 RU, and 16 individual level controls in just 1 RU.

## Features

- Extremely bright fluorescent displays with adjustable dimming
- 30 dual function talk/listen keys in 2 RU
- Keys individually programmable for latch/non-latch operation
- Enhanced programming keypad supports both KP-9X series programming sequences and KP-12 menu tree driven commands, with help screens
- Only 3 1/2" deep behind rack panel (5" with attached cabling), perfect for mobile units, consoles, etc.
- Binaural Audio with DSP control, allows assignment of intercom and external monitor audio in any combination to each ear
- Upgradeable; continuing enhancements and improvements can be downloaded into keypanel from Telex web site
- Optional RC/GPI Connector kit provides 2 external audio inputs, relay and opto-isolated GPI input/output, and ancillary audio connections

## Specifications

Display	Fluorescent Alphanumeric 4 Characters per Key
DSP	Motorola 56300 Family, 24 bits Mixing, EQ, Compression, Gating
Headphone Amp	Binaural 150 mW into 50 ohms
Speaker Amp	5 Watts into 4 ohms
Audio Input	+8 dBu nominal from Matrix +8 dBu nominal from Aux In
Audio Output	+ 8 dBu nominal to Matrix (+20 dBu max)
Mic. Pre-amp	-42 dB electret -60 dB dynamic
GPI/RC option	provides relay/opto in programmable logic inputs and outputs, auxiliary audio ins, and pre-amp, headset and line outputs
Dimensions	3.5" high (2 RU), 19" wide, 5" total depth (3.5" behind rack panel)
Weight	7.52 Pounds
Power	Universal 90 – 264 VAC 50/60Hz
Environmental	Storage -40 to +60 degrees C Operating -10 to +41 degrees C

All specifications are subject to change without notice.



# Series



## KP-32

32 Key Keypanel, available in Black or RTS Gray. Optional RC/GPI connector assembly (see below). Optional MCP-5 or MCP-6 gooseneck microphone. Keypanel includes full function programming keypad, non-volatile memory and rear panel dip switches for user options.



## KP-32/16

16 Key Keypanel, available in Black or RTS Gray. Optional RC/GPI connector assembly (see below). Optional MCP-5 or MCP-6 gooseneck microphone. Keypanel includes full function programming keypad, non-volatile memory and rear panel dip switches for user options.



## EKP-32

32 key expansion panel, available in Black or RTS Gray. Connects to KP-32 or KP-32/16 to provide additional 32 programmable keys. All key functions and assignments are made via keypad on KP-32 or via ADAM-EDIT.



## LCP-32/16

16 position level control panel, available in Black or RTS Gray. Provides 16 individual shaft encoders for controlling listen level on associated keys. Works with KP-32 and EKP-32 panels. 1 RU in height.



## KP-32/RC

Rear Panel connector option for KP-32 and KP-32/16. Provides 2 auxiliary audio inputs, microphone pre-amp out, external speaker, opto-isolator and relay GPIs, and external headset connector. Can be supplied factory installed or field installed by the user.



# KP-9X Classic Keypanel



The RTS KP-9X classic family of keypanels is the standard of the industry for broadcast. Ubiquitous in mobile units, "the networks", television stations and production facilities in all markets, they represent the unbeatable combination of reliability, simplicity, and cost-effectiveness. All models are available in Black or RTS Gray. A wide variety of Keypanels, expansion panels, listen only panels, level control panels are available. Keypanels are available in models with and without LED displays, and with and without programming keypad. 1 and 2 RU panels are available. The KP-96 series utilizes high reliability lever keys for latch & non-latch talk; the KP-98-7 panel uses backlit EAO pushbuttons, with RTS' exclusive "digi-action" function for latch & non-latch operation.

## Features

- Extremely long-life, high visibility green alpha-numeric LEDS on select models
- Individually assignable talk and listen keys
- All keys assignable for all functions (point to point, IFB, ISO, PL, SL, relay)
- Call-waiting window with stacking feature
- Individual Crosspoint level control function (when used with ADAM and Zeus matrices)
- User selectable for 110/220V operation
- Individual volume controls for intercom and optional auxiliary audio in (requires RC kit)
- Wide range of keypanels and expansion panels for specific applications
- Models with keypad have direct dial-out capability when used with RTS TIF products
- Built-in test oscillator for system test

## Specifications

Display	4 character Alphanumeric LEDS and/or high brightness LEDS depending on model
Headphone Amp	500 mW at 8 ohms
Speaker Amp	3 Watts into 8 ohms
Audio Input	+8 dBu nominal from Matrix +8 dBu nominal from Aux In
Audio Output	+ 8 dBu nominal to Matrix (+20 dBu max)
Mic. Pre-amp	-60 dB dynamic
RC option	provides auxiliary audio ins, and pre-amp, headset and line outputs
Dimensions	19" wide, depth, height (1 or 2 RU) and weight vary by model
Power	User switchable 110/220V
Environmental	Storage -40 to +60 degrees C Operating -10 to +41 degrees C

All specifications are subject to change without notice.



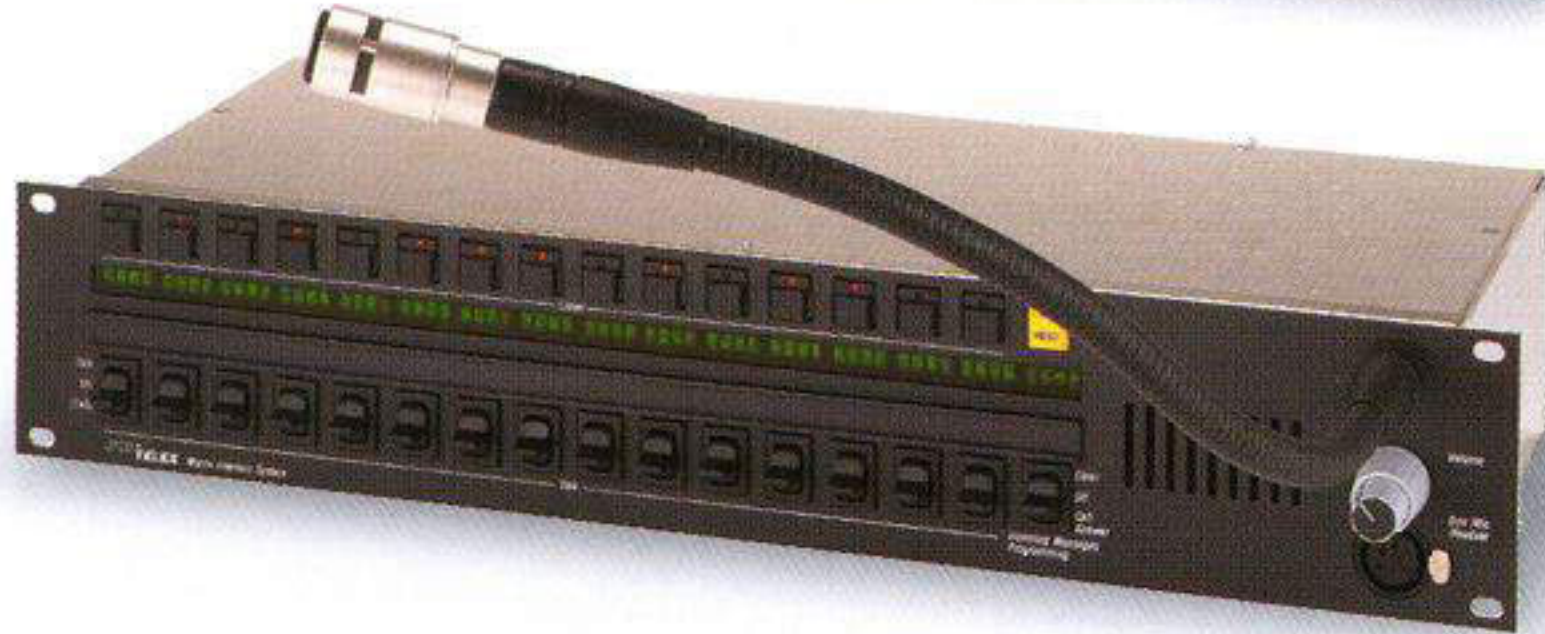
# CLASSIC KEY PANEL SERIES

## Series



### KP-96-7

16 Key Keypanel, available in Black or RTS Gray. "The Industry Standard" includes Programming Keypad, alphanumeric LEDs for individual keys, separate talk and listen keys. 4 character call waiting window. Permanently mounted gooseneck microphone. Compatible with KP-96 RC, LCP-100A level control panel and with EKP-96-4 and EKP-96-8, and EKP-95-0 expansion panels.



### KP-96-8

Same configuration and features of the KP-96-7 LESS Programming Keypad. Ideal for installations where operator control of panel set-up is not desired.



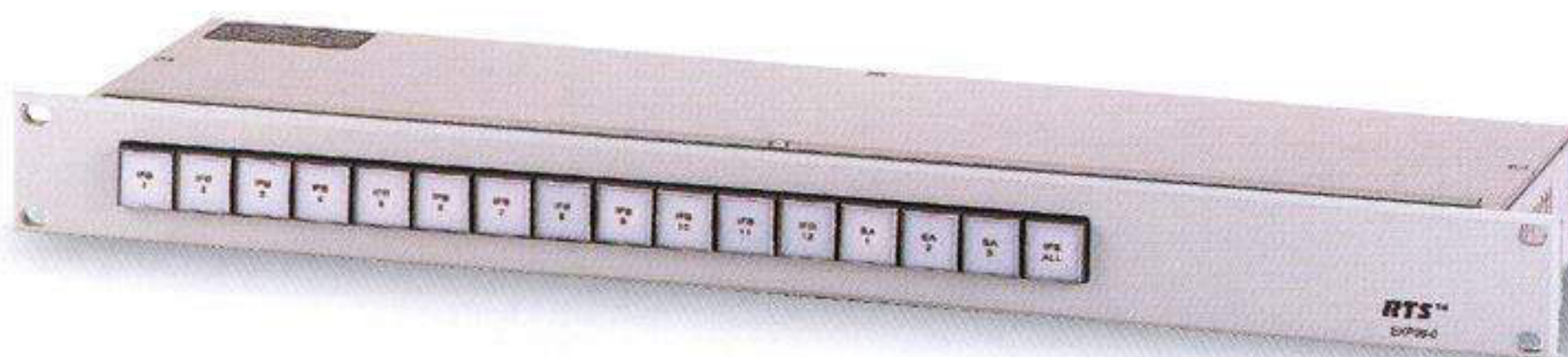
### KP-96-4

Same configuration and features of the KP-96-8 LESS alphanumeric displays. Provides designation strip for key labels. Ideal for installation where configuration changes are infrequent and/or cost is an issue.



### KP-98-7

16 Key Keypanel, available in Black or RTS Gray. Includes programming Keypad, alphanumeric LEDs for individual keys, lighted EAO talk and listen keys. 4 character call waiting window. Compatible with KP-96-RC, LCP-100A level control panel and with EKP-98-0 expansion panels. Uses optional removable gooseneck microphone MCP-5 or MCP-6.



### EKP Panels (EKP98-0 shown here)

Expansion keypanels for use with KP-96-7, KP-95-0, and KP-98-7. Available in Black or RTS Gray Up to 3 expansion panels can be added to a primary keypanel. Requires optional KP-96-RC for KP-96-7 and KP-98-7.

**Features:** EKP-96-8 2 RU, 16 keys with Alphanumeric LEDs  
EKP-96-4 2 RU, 16 keys with LEDs and designator strip  
EKP-98-0 1 RU, 16 illuminated EAO Switches  
EKP-95-0 1 RU, 16 momentary/latching keys



### LKP-957

Listen Only Keypanel. Provides audio monitoring for any combination of Sources, including party-lines, IFBs, program sources and intercom channels. The panel operates in "MANY" mode to permit simultaneous monitoring of multiple sources, (with priority single source ISO), or in "ONE" mode where one source at a time can be selected.



### LCP-100A

Level control panel for use with KP-9x and EKP-9x series panels and expansion panels. 16 individual volume controls in 1 RU.



### KP96-RC

Rear Connector option for KP-9x series of 2 RU panels. Required for use of expansion panels, and also provides auxiliary audio in and a number of additional features.



# KP-12 Modular Keypanel



The RTS KP-12 Modular series of keypanels represents the ultimate in compact, fully programmable user stations. Based on a common set of internal modules (modules also available separately for custom designs) the KP-12 series have a common set of very powerful features which make them attractive in mobile applications and in other situations where space is at a premium. Available in lever key versions and push button versions, the basic KP-12 provides a menu driven, fully programmable 12 key user station in a single rack unit of space. Expansion panels and level control panels round out the offerings in the rack mount form factor. Desktop and Tektronix® WFM 1/2 x 3 RU form factor units are also available.

## Features

- Extremely long-life, high visibility green alpha-numeric LEDS
- Fully programmable via pull down menus selected via front panel shaft encoder
- Lever key versions provide individual T/L functions on each key
- Push button versions provide individually assignable talk, listen or T/L function on each button
- All keys assignable for all functions (point to point, IFB, ISO, PL, SL, relay, GPI)
- Removable, optional gooseneck microphone
- Universal power supply for 90 - 264V, 50/60Hz operation
- Optional rear connector and GPI options available for rack mount panels
- Wide range of keypanels and expansion panels for specific applications

## Specifications

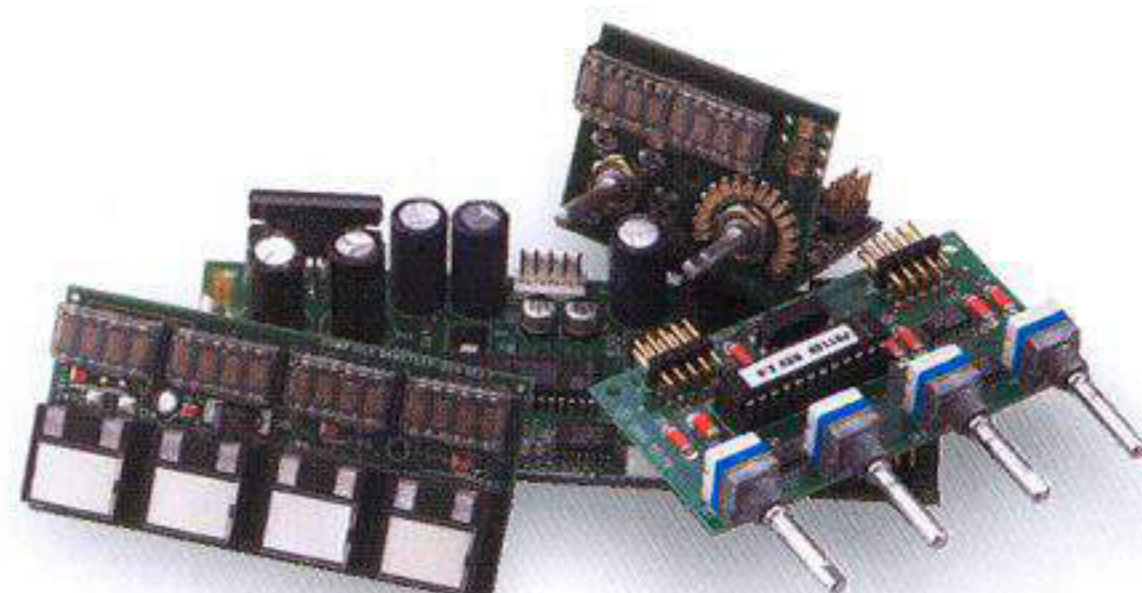
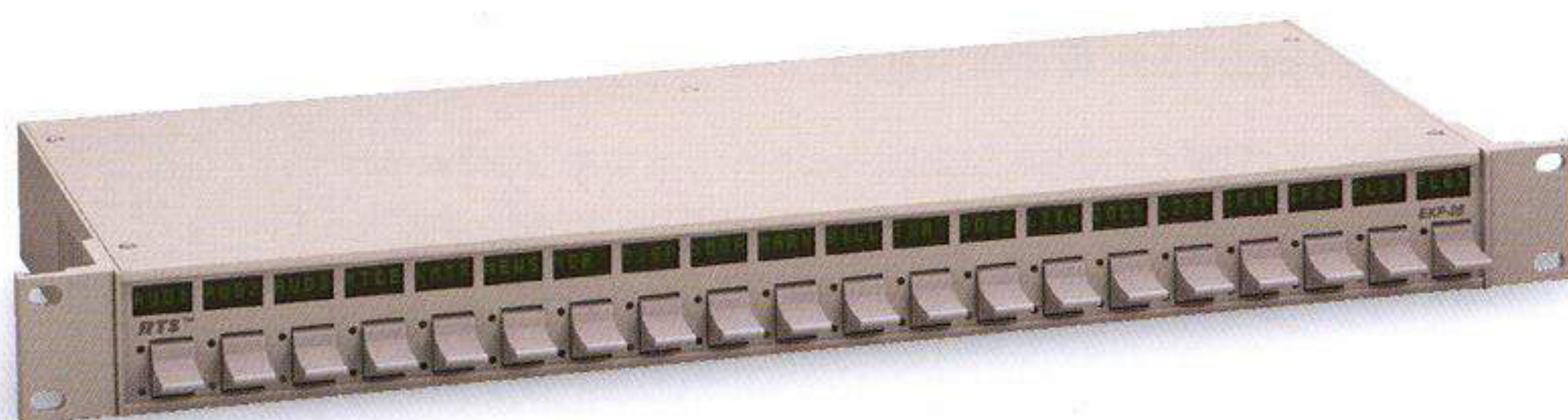
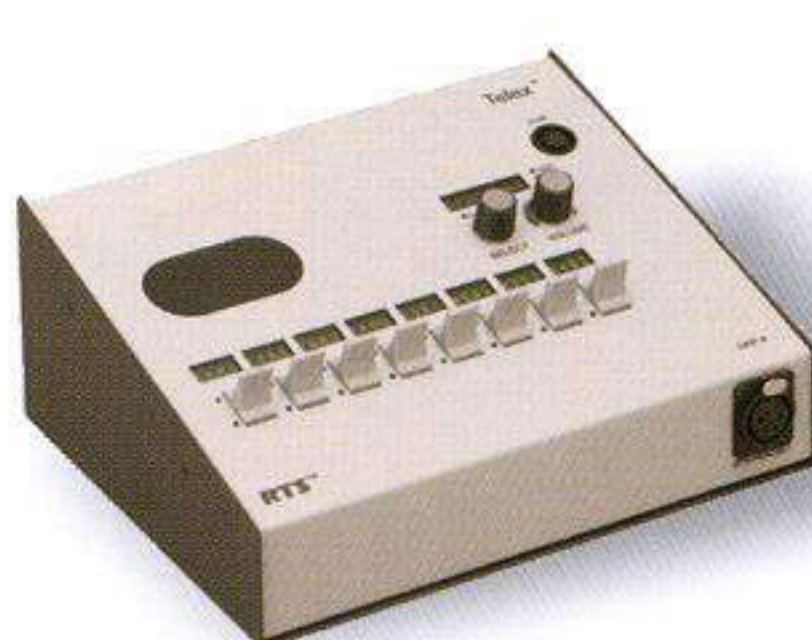
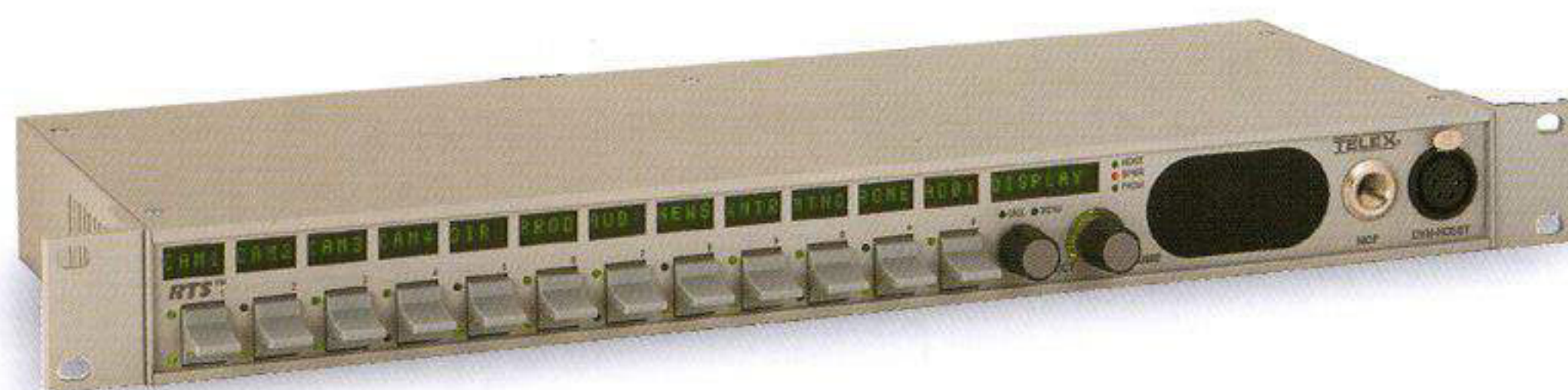
Display	High Brightness Alphanumeric LEDS, 4 characters per key
Headphone Amp	150 mW into 50 ohms
Speaker Amp	5 Watts into 4 ohms
Audio Input	+8 dBu nominal from Matrix +8 dBu nominal from Aux In
Audio Output	+ 8 dBu nominal to Matrix (+20 dBu max)
Mic. Pre-amp	-42 dB electret
GPI option	provides 4 opto-isolated logic inputs, 2 OC outputs and 2 relay outputs. GPIs can be detected and controlled locally or via ADAM or ZEUS EDIT
RC option	Provides rear connections for external microphone in, line in, mic pre-amp out, secondary headset and external speaker
Power	Universal 90 - 264 VAC 50/60hZ
Environmental	Storage -40 to +60 degrees C Operating -10 to +41 degrees C

All specifications are subject to change without notice.



# MODULAR KEY PANEL SERIES

## Series



### KP-12

1 RU keypanel with 12 keys plus call waiting window with display. Perfect for installations where space is an issue. Only 5.5" deep (less connectors), allowing easy console mounting. Available with optional MCP-5/MCP-6 gooseneck microphones. Available in both lever key and push button versions. Available rear panel options include GPI and rear connector panel.

### DKP

Desktop keypanel. Perfect for use on desks, console shelves, and remote locations available in 8 and 12 key versions, in both push button and lever key style. All units are fully programmable using pull down menus and shaft encoder. These units use optional MCP-5/MCP-6 gooseneck microphones. Rear connector panel and GPI panel are NOT available for these models.

### KP-8T

8 position keypanel in Tektronix® WFM form factor (1/2 RU wide by 3 RU high). Includes mounting bezel and universal 90 – 264 VAC 50/60 Hz power supply. Same general specifications as the DKP series of panels. Perfect for Director, TD, and video consoles.

### EKP-20

Expansion panels for KP-12 series of rack mount keypanels. Adds 20 keys to intercom station; up to 2 panels can be added per station, giving a total of 32 keys in 2 RU, or 52 keys in 3 RU. Available in push button and lever key versions.

### LCP

Level control panels for KP-12 series of rack mount keypanels and EKP series of expansion panels. Provide individual cross point level controls (adjusts gain from +6 db above nominal to "off" in detented steps) with a dedicated knob for each key.

### KPM-CK/KPM-IO

The KPM-CK and KPM-IO are rear panel option kits for the KP-12 series of rack mount keypanels. The KPM-CK option provides connections for external mic in, auxiliary line input, microphone pre-amp out, secondary headset connector, and external speaker jack. The KPM-IO option provides 4 opto-isolated logic inputs, 2 open collector outputs, and 2 relay outputs. Status and control of GPI signals can be programmed and controlled from KP-12 or ADAM and ZEUS EDIT programs. These options are NOT available with KP-8T or DKP series of panels.

### KP-12 Kits

The extremely compact modular circuit boards used in the KP-12 line of products are available in kits including the circuit boards, interconnect wiring, switches, etc. for those applications where a custom enclosure or mounting is required. Please contact Telex for further technical information.



# RTS™ Value Series Keypanels

The RTS Value Series Keypanels are ideal where simplicity of operation and cost are of primary importance. The keypanels share a common set of features in 4 variations of physical packages. Common to all models are user scrollable access to all ports, PLs, ISOs, IFBs, etc. A high brightness LED window displays call-waiting messages, and is used to make and check key assignments. Each key can be individually assigned and multiple pages of assignments are supported. The keys can be configured to enable or disable latching function, and each key can be assigned to any function, including relays and GPIs as well as the normal functions of P-P, PL, ISO, IFB, etc. All models use the optionally available RTS MCP-5/MCP-6 gooseneck microphones. These keypanels are especially suited for use with the RTS ZEUS matrix, but are compatible with all RTS matrix products, past and present, including CS-9500, CS-9600, CS-9700, ADAM, and ADAM-CS.



## **MKP-4 Modular Keypanel**

The MKP-4 is based on the RTS 1/2 rack form factor used in the MCE-325 and SSA-424 products and can be rack or console mounted using the MCP-1, MCP-2 and MCP-8 mounting kits. Ideal for use as a headphone only user station, 2 separate units can fit in a single 1 RU space. The unit can be paired with the MCS-325 loudspeaker unit and an MCP-5 microphone. The unit is powered from an internal 110/240 VAC power supply.



## **BKP-4 Desktop Keypanel**

The BKP-4 is ideal for desk top use, or in any application where portability is important. The unit includes a built-in speaker, and is housed in a rugged aluminum/steel enclosure.



## **WKP-4 Wall Mount Keypanel**

The WKP-4 is designed for wall mounted applications. Perfect for use in commercial sound and industrial applications, the WKP-4 is compatible with the Telex U Series box mount. Flush mounting into consoles, custom enclosures and walls can also be accomplished easily. The unit requires 15-24 volts DC at 1 amp.



## **TKP-4 Tektronix® Mount Keypanel**

The TKP-4 is ideal for installation in broadcast facilities, owing to its 1/2 x 3 RU form factor, compatible with Tektronix and other WFM/Vectorscope products. Provided with a pressure fit front bezel and universal 110/240 VAC power supply, the unit is perfect for TD consoles, equipment racks, camera control positions, anywhere an empty "slot" is available in a WFM rack assembly.



# RTS™ Matrix Accessories

Available products include interfaces to TW and telephone circuits, control panels for IFB and party-line assignments, level control panels, PC based keypanels, jackfields and other wiring options. GPI and relay interfaces, mounting boxes, 4 wire beltpacks, IFB level control panels, and IFB accessories are also available.



## **SSA-424** Digital auto-nulling 2W-4W hybrid

The SSA-424 provides 2 independent channels of 2 wire (TW) to 4 wire hybrid in a 1/2 rack wide by 1 RU package. The TW interface is suitable for balanced and unbalanced systems, allowing RTS Matrix systems to interface to virtually ANY party-line intercom system in use today. Easy to read front panel level meters make matching audio levels simple, and the RTS advanced DSP hybrid eliminates all need for manual nulling, even under varying loads. A call signal option is available which encodes and decodes TW call signals that can be used to interface matrix GPI circuits.

## **TIF-951** Intelligent Digital DTMF Hybrid

The TIF-951 provides 2 independent channels of telephone interface for the RTS line of matrices. Fully auto-nulling, the TIF provides crystal clear audio interfaces between a telephone line and ADAM, ADAMCS and ZEUS. The interface can be fully configured through the matrix software to permit automatic routing of incoming calls, or to allow the caller to route the communications using the DTMF pad on his or her telephone. Password protection is available to prevent unauthorized access to the intercom system. Speed dial numbers can be stored in the unit, and (subject to programming and authorization) any keypanel can dial out to pre-set numbers or manually dial numbers from any keypad equipped keypanel.

## **UIO-256** Universal General Purpose Interface

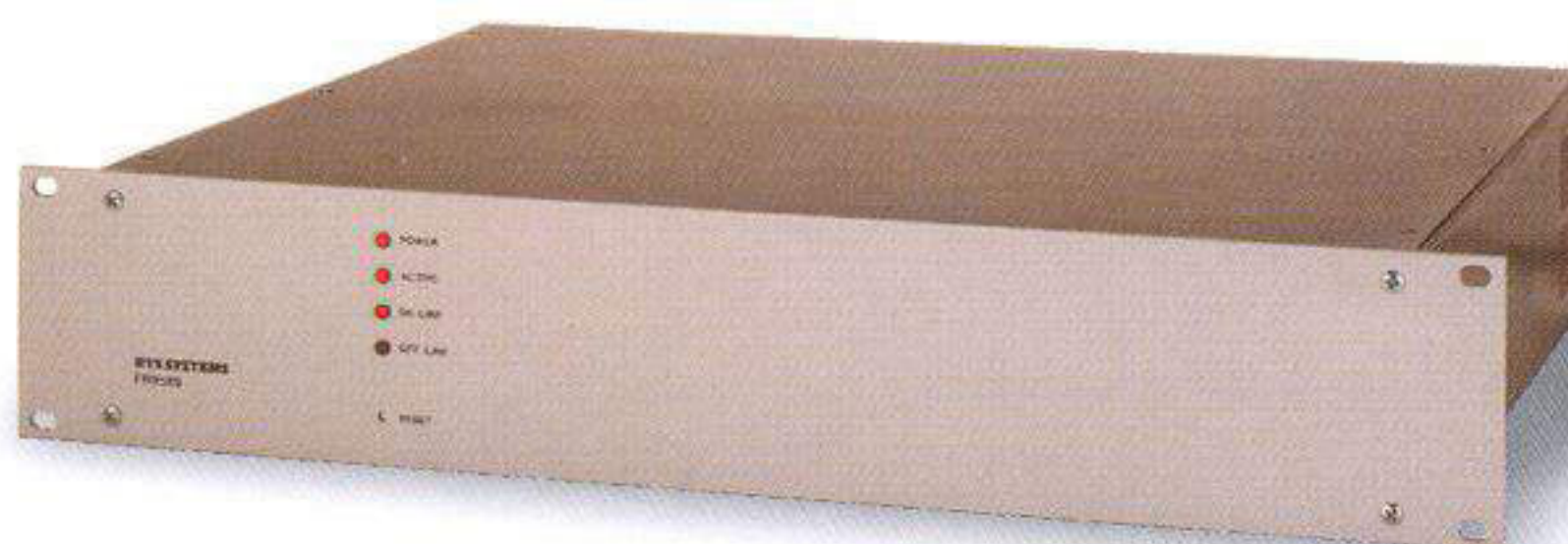
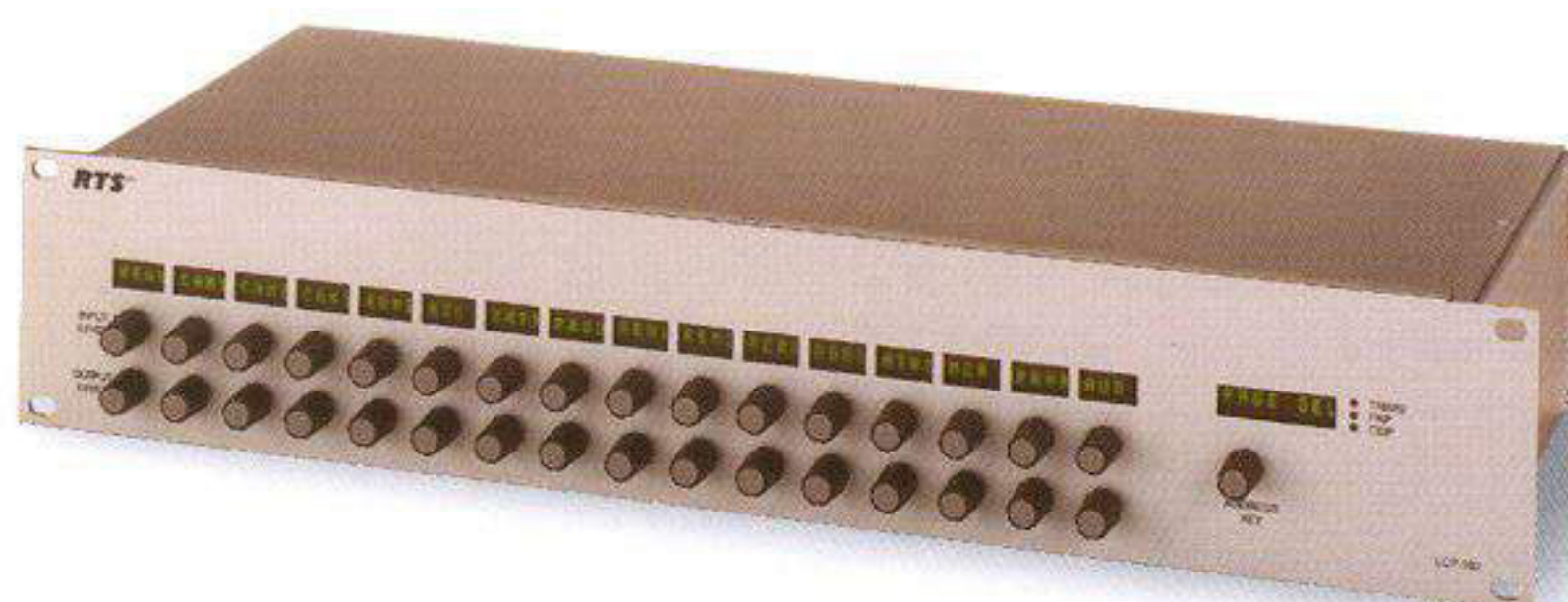
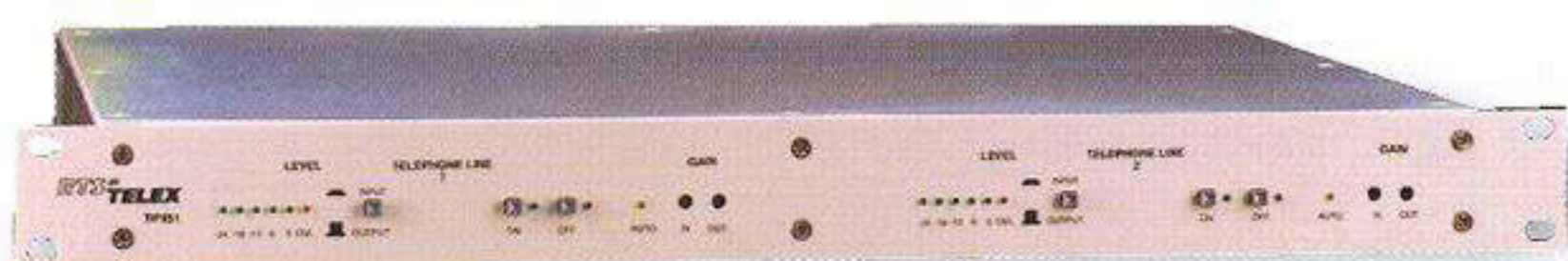
Provides 16 GPI inputs and outputs which can be programmed from ADAM-EDIT or ZEUS-EDIT to control virtually any intercom function, or to activate any external function based on a wide range of programmable parameters. Inputs are opto-isolated logic levels, outputs are DPDT relays. Up to 16 UIO-256 units can be connected to a single matrix, providing over 250 logic inputs and outputs. Front panel LEDs indicate real-time status of all inputs and outputs.

## **LCP-102** Level Control Panel.

The LCP-102 is a multi-function panel for matrix systems. It can be switched via front panel control to anyone of three functions. In "TRIMS" mode, it can be used to adjust any input or output audio levels for the matrix. In "PAP" mode, you can select any input source for an IFB and adjust the level of the source for each of the IFBs. In the "CDP" mode, you can make assignments to party-lines and adjust listen levels for any party-line member. In all modes, the bright LED displays provide full details on the action being performed. Selection and adjustment are made using shaft encoders.

## **Trunk Master**

RTS's exclusive Intelligent Trunk Master allows the active, automated, intelligent linking of up to 21 separate intercom matrices within a building, or across the world. The system dynamically allocates and reports on trunk usage, allowing a very small number of trunks to provide a huge amount of interconnectivity. Multiple matrix hops are configured automatically, seamlessly rerouting traffic to meet dynamically changing requirements. Redundant trunk masters are available for "can't fail" requirements.





# Headsets/Earsets/Mics

Telex offers a wide variety of headsets and earsets to meet any intercom or talent monitoring need. All headsets are available in 4 pin or 5 pin configuration, and all styles are available in single or dual muff.



## **HR-1/HR-2**

Medium-weight passive noise reduction headsets with dynamic noise canceling microphone. The headset has a noise reduction rating of 21 dB; suitable for moderately noisy environments. The ergonomic headband design distributes the ear cushion pressure evenly over the entire ear, insuring hours of comfortable wearing. The headset folds into compact form for ease of storage. HR-1 is single muff, HR-2 is dual muff.

## **PH-4/PH-8/PH-5**

Super light-weight headsets with dynamic noise canceling microphone. Adjustable gooseneck mic boom for precise positioning. High quality wide band earphones. Available with 4 or 5 pin xlr connectors. PH-8 is single muff mono; PH-4 is dual muff mono, and PH-5 is dual muff stereo.

## **PH-1/PH-2/PH-3**

Medium-weight headset with foam filled cushions offers a light feel with moderate isolation from ambient noise. Dynamic noise canceling mic is easily positioned with unique continuously adjustable ball joint. Available with 4 or 5 pin xlr connectors. PH-1 is single muff mono; PH-2 is dual muff mono, and PH-3 is dual muff stereo.

## **PH-10**

The maximum in passive noise reduction. The PH-10 offers an EPA rated NRR of 24 dB. Perfect for industrial and concert applications. Dynamic noise canceling microphone, dual muff mono, available with 4 or 5 pin xlr connectors.

Telex offers the widest variety of earsets, cords, ear tips, earloops and tubes, and accessories in the industry. A separate catalog of earsets and accessories is available. The most popular configurations are listed below.

## **EMV-2**

The most basic configuration, includes 125 ohm Telethin® driver, 5' low luster gray cord with 1/4" straight phone plug, and nylon earloop.

## **CES-1**

Ideally suited for use by on-air talent, with any of the RTS IFB beltpacks. Complete with 125 ohm Telethin® driver, 5' low luster gray cord with 1/4" straight phone plug, and coiled acoustic eartube, clothing clip and S/M/L earcones.

## **CES-2**

Similar to CES-1 with 5' beige cord with 3.5 mm straight phone plug.

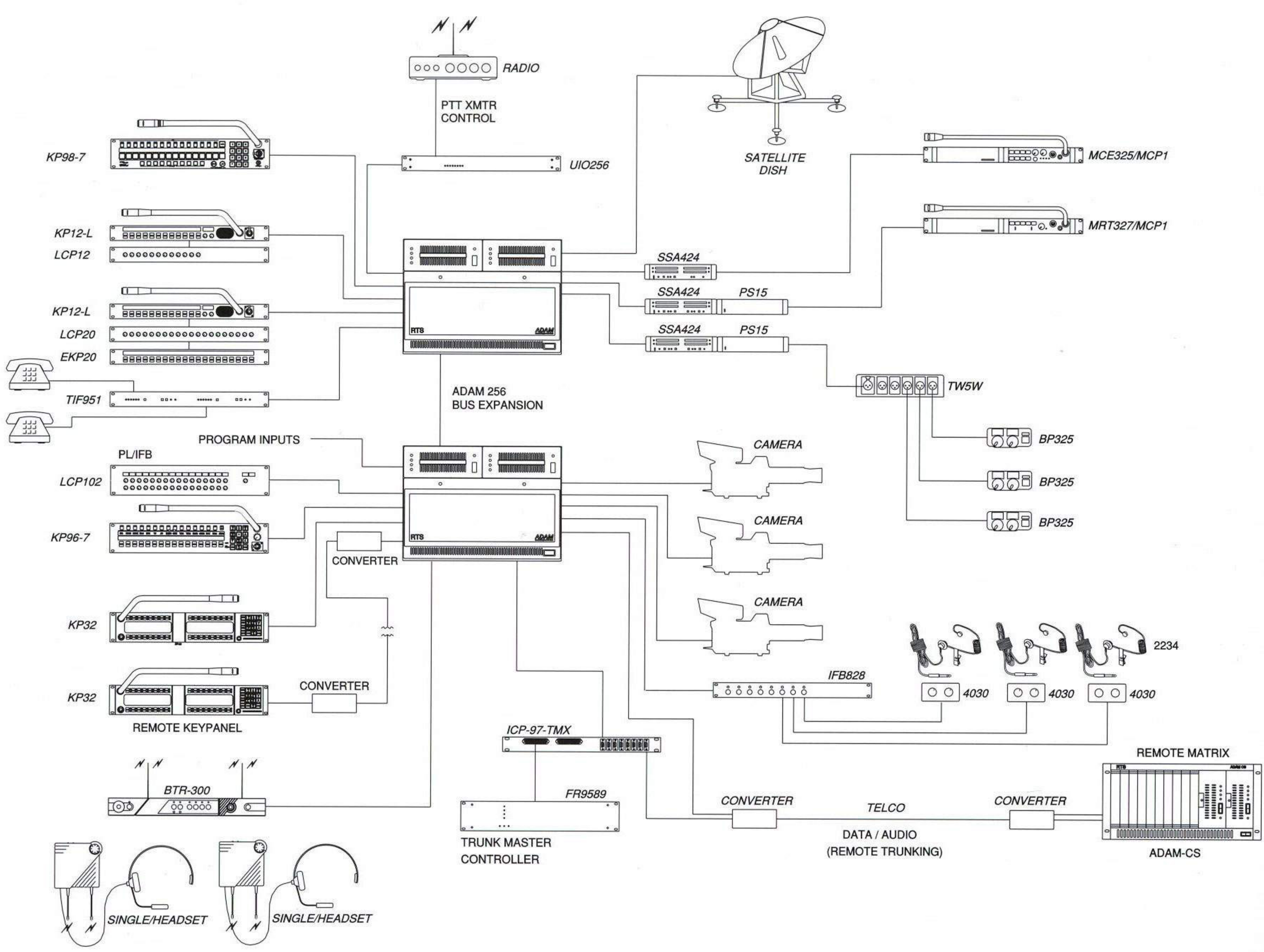
## **MCP-5/MCP-6**

Electret Gooseneck microphone assemblies for use with RTS keypanels. MCP-5 is 12" long; MCP-6 is 20" long.

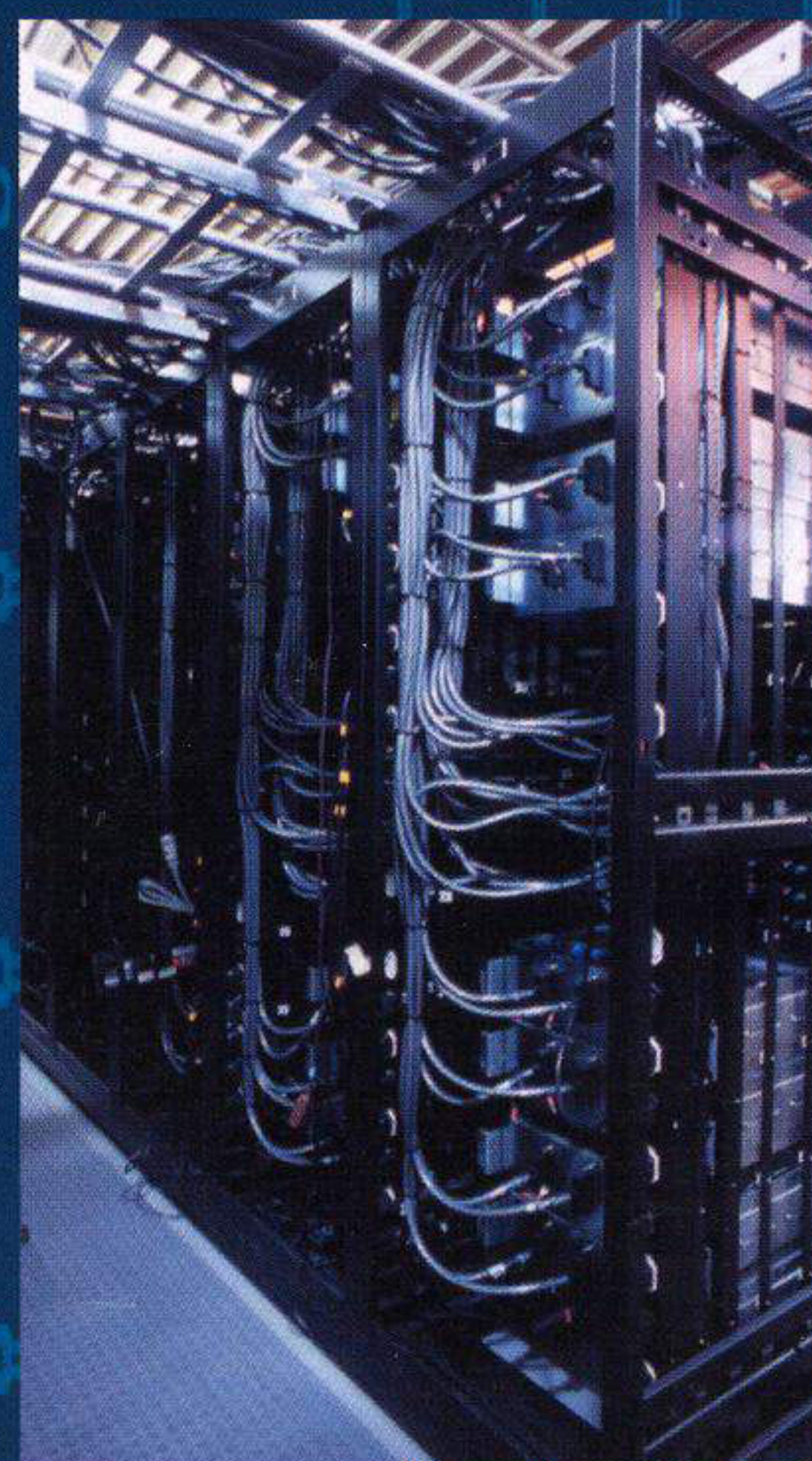




Example of trunked intercom system







# **RTS<sup>TM</sup>**

## **Digital Matrix Intercom System**

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