



# Two Wire Series

innovating the future of communications



RTS TW

## Communications

is the backbone of virtually every successful operation, and the bane of those that fail. Reliability, durability and flexibility are the factors that count. RTS TW's innovative intercom systems have been the industry standard "can't fail" communications system for over 30 years. Our 2-channel on standard microphone cable technology offers users a distinct competitive advantage. With countless installations in Studio Broadcast, Remote Production, Board Rooms, Theaters, Arenas, Military Installations, Stadiums, Training Facilities and many venues, we have the time proven technology that professionals rely on to stay connected. With our vast industry and engineering experience we understand your needs. That's why at RTS we are innovating the future of communications for you.



RTS™ Series 800 Master Stations have been the industry standard of advanced professional party line communication systems for over 25 years. With their flexible configurations, ease of use and legendary reliability, they are the elite core communications control tool. RTS Master Stations are installed in major broadcast and industrial application venues world wide. With unparalleled industry acceptance there is no other product that offers this level of comprehensive communications control with virtually no learning curve.

## Master Stations

### RTS 803



Power Requirements:	100/230 VAC, 50/60 Hz, 43VA
	requires connection to powered RTS TW intercom system
Height:	3.5" (89 mm) [2 RU]
Width:	19.0" (483 mm)
Depth:	10.0" (254 mm)
Weight:	8.1 lb. (3.7 kg)
Power Cord Length:	4 ft (1.2 m)

12-channel, fully programmable master station. The successor to the industry standard 802, the 803 is the top of the line station for advanced party line system communications control. Features individual front panel listen adjusts, expanded preset capability and user selected VOX operation. Fully programmable from the front panel, the 803 can be programmed to operate in 4-wire mode with full IFB and ISO options. Standard offerings include six programmable group set up buttons, call light and remote mic off functions. Many differing options may be added for further versatility and user customization.

## PS 31

Output:	2 amp at 32 VDC
Input:	100 VAC or 230 VAC Version available, 50/60 Hz,
Height:	3.5" (89 mm) [2 RU]
Width:	19.0" (483 mm)
Depth:	10.5" (267 mm)
Weight:	14.5 lb. (6.6 kg)

☉ Listed



System power supply. Provides three independent powered output channels at 32VDC up to 1.5 amps, program audio inputs and full system status indicators. Features unique circuitry that protect outputs from short circuit conditions with automatic and instantaneous recovery when short is removed. Powers an average of 15 stations per channel for a total of 45. The PS-31 is packaged in a 2 RU all metal housing with a variety of output connectors for multiple-channel configuration.

## PS 15

Output:	1 amp at 32 VDC
Input:	100 VAC or 230 VAC Version available, 50/60 Hz,
Height:	1.72" (44 mm) [1 RU]
Width:	8.2" (208 mm)
Depth:	8.3" (212 mm)
Weight:	4.68 lb. (2.12 kg)

☉ Listed



System power supply. Provides two independent output channels, one powered at 32VDC up to 1 amp and one "dry" and program audio. Features unique circuitry that protect outputs from short circuit conditions with automatic and instantaneous recovery when short is removed. Powers an average of 15 stations. Packaged in 1/2 rack by 1 RU all metal housing for added durability.

# Power Supplies

*Power supplies are the heart of party line intercom systems. They supply operating voltage to beltacks and many user stations. Unique short circuit reset circuitry design and unparalleled mechanical engineering ensures reliable trouble-free operation for years to come. With all of the things you have to worry about, your power supplies shouldn't be one of them.*

# Beltacks

*Utilizing the latest in space age materials, RTS beltacks are mechanically engineered to be brutally rugged and dependable. Unique audio circuitry is perfect for either high or low noise environments while maintaining maximum voice intelligibility.*

## BP 325

Average talk:	65 mA
Average talk+call light:	85mA
Height:	5" (127 mm)
Width:	3.75" (96.3 mm)
Depth:	2.05" (52.1 mm)
Weight:	0.5 lb. (225 g)

Headset Connector 4-or 5 pin XLR



2-channel, binaural, portable beltack headset station. Features a user programmable microprocessor assisted interface for the highest degree of flexibility and versatility. Allows stereo (split-feed) or mono operation. Includes individual talk/listen buttons, program input with level adjust, A4F/A5F headset connectors, remote mic off feature and call light in a rugged, high impact polycarbonate case.

## BP 351

Avg. Power Consumption:	45 to 70 mA
Height:	5" (127 mm)
Width:	3.5" (88.9 mm)
Depth:	1.8" (45.7 mm)
Weight:	0.75 lb. (340 g)

Headset Connector available with 4-or 5 pin XLR



2-channel, portable beltack headset station. Features a user programmable microprocessor assisted interface. Allows mono operation. Includes channel select button, remote mic off feature, separate talk button and call light in a extruded aluminum case.

## BP 319

Avg. Power Consumption:	45 to 70 mA
Height:	5" (127 mm)
Width:	3.5" (88.9 mm)
Depth:	1.8" (45.7 mm)
Weight:	0.75 lb. (340 g)

Headset Connector available with 4-or 5 pin XLR



1-channel, portable beltack headset station. Features a user programmable microprocessor assisted interface. Includes talk button, remote mic off feature and call light in a extruded aluminum case.



*RTS™ User Stations employ a unique modular design that enables a few station types to be configured into a multitude of communications solutions. Rugged and dependable RTS User stations form the widest variety of stationary communications stations in the industry. RTS User Stations are the perfect choice for a wide range of applications regardless of what physical profile is required.*

# User Stations

## MCE325

Power Requirements:	100 VAC or 230 VAC Version available, 50/60 Hz, 20VA
Height:	1.72" (44 mm) [1 RU]
Width:	8.2" (208 mm)
Depth:	8.0" (203 mm)
Weight:	4.5 lb. (1.93 kg)
HeadsetConnector:	4-or 5-pin XLR

☑ Listed



Programmable 4-channel user station. Features a user programmable microprocessor assisted interface for the highest degree of flexibility and versatility. The MCE-325 includes microphone limiter circuit, two powerful headphone amps, silent channel-select switching, VOX operation GPI out, IFB/ISO and simplified operational controls. User can talk independently or simultaneously on either two, three, or four channels. Packaged in 1/2 rack by 1 RU metal housing for added durability.

## MRT327

Power Requirements:	100/230 VAC, 50/60 Hz,
Power Consumption:	
Quiescent:	45 mA + 10%
Operating, 25-ohm phones:	75 mA +10%
Operating, 25-ohm phones + call light:	90 mA +10%
Operating, 8-ohm speaker:	240 mA +10%
Operating, 8 ohm speaker + call light:	300 mA +10%
Height:	1.72" (44 mm) [1 RU]
Width:	8.2" (208 mm)
Depth:	9.0" (228 mm)
Weight:	2.75 lb. (1.25 kg)
Headset Connector:	4-or 5-pin XLR



2-channel select user station. Inherent operational simplicity makes the MRT-327 a perfect choice for a wide variety of intercom applications. Features microphone limiter circuit, separate headphone and speaker amps and silent channel-select switching. Packaged in 1/2 rack by 1 RU metal housing for added durability.

## MCS325

Passive general purpose Monitor Speaker:	
Impedance:	8 ohms
Power Rating:	5W RMS continuous
Height:	1.72" (44 mm) [1 RU]
Width:	8.2" (208 mm)
Depth:	8.0" (203 mm)
Weight:	2 lb. (0.9 kg)



Modular speaker. Can be combined with MCE-325 and MRT-327 to provide speaker station operation. Packaged in 1/2 rack by 1 RU metal housing for added durability.

## LMS325

Active general purpose Monitor Speaker:	
Power Requirements:	15-15 VDC
	(RTS Wallpack is available)
Impedance:	8 ohms
Power Rating:	5W RMS continuous
Height:	1.72" (44 mm) [1 RU]
Width:	8.2" (208 mm)
Depth:	8.0" (203 mm)
Weight:	2.75 lb. (1.25 kg)



Line monitor speaker station. Part of RTS's unique modular packaging system. Features a full range 5 Watt speaker and power amp, dual channel inputs from TW or separate program inputs and volume control. Packaged in 1/2 rack by 1 RU metal housing for added durability and magnetically shielded for use near video monitors.

## RM325

Power Consumption:	45-75mA
Height:	1.72" (44 mm) [1 RU]
Width:	8.2" (208 mm)
Depth:	8.0" (203 mm)
Weight:	2.75 lb. (1.25 kg)
Headset Connector:	4-or 5-pin XLR



2-channel binaural headset station. Features Stereo (split feed) operation, microphone limiter circuit, two powerful headphone amps and simplified operational controls including individual volume adjusts. Packaged in 1/2 rack by 1 RU metal housing for added durability.

## SPK300L

Power Consumption:	
Quiescent:	10 to 40 mA
Operating, 25-ohm phones:	50 mA
Operating, 25-ohm phones + call light:	70 mA
Operating, 8 Ohm speaker:	100 mA
Height:	4.0" (101.6 mm)
Width:	8.0" (203.2 mm)
Depth:	8.0" (203.2 mm)
Weight:	3.5 lb. (1.58 kg)
Headset Connector:	4-or 5-pin XLR



2-channel select portable speaker user station. Can be used as a "public" listen box via built in speaker or privately through the headset connection. Features channel select switch, call light, speaker on/off switch and dual-purpose portable desktop volume control. Packaged in a rugged all metal housing perfect for table-top operation.

## CM300L

Power Consumption:	
Quiescent:	23 mA +/- 10%
Operating, 25-ohm phones:	37 mA +/- 10%
Operating, 25-ohm phones + call light:	60 mA +/- 10%
Height:	2.75" (69.85 mm)
Width:	6.25" (158.75 mm)
Depth:	6.4" (162.60 mm)
Weight:	1.2 lb. (0.55 kg)
Headset Connector:	4-or 5-pin XLR



2-channel select console mount user station. Features microphone limiter circuit, separate dynamic and carbon microphone input and silent channel-select switching. Solid metal front and open back for console mounting.

## WM300L

Power Consumption:	
Quiescent:	10 to 40 mA
Operating, 25 ohms phones:	50 mA
Operating, 25-ohm phones + call light:	75 mA
Height:	4.5" (114.3 mm)
Width:	4.5" (114.3 mm)
Depth:	1.81" (46 mm)
Weight:	0.56 lb. (0.254 kg)
Headset Connector:	4-or 5-pin XLR



2-channel select wall mount headset station. Features channel select switch, call light and headset volume control. Fits in standard 2-gang outlet box.

## WMS300L

Power Consumption:	
Quiescent:	10 to 40 mA
Operating, 25-ohm phones:	50 mA
Operating, 25-ohm phones + call light:	70 mA
Operating, 8 Ohm speaker:	100 mA
Height:	4.5" (114.3 mm)
Width:	8.0" (44.5 mm)
Depth:	1.75" (44 mm)
Weight:	1 lb. (0.45kg)
Headset Connector:	4-or 5-pin XLR



2-channel select wall mount speaker user station. Can be used as a "public" listen box via built in speaker or privately through the headset connection. Features channel select switch, call light, speaker on/off switch and dual purpose volume control. Fits in standard 4-gang outlet box.

*RTS User Stations are able to access between 2 and 4 channels (depending on model) with enhanced user friendly front panel interfaces that make operation simple. Unique circuit design and surface mount technology make RTS User Stations the most reliable and flexible communications control stations in the world. Speech intelligibility, easy access to multiple channels and flexible configurations make RTS User Stations the choice of communications professionals world-wide.*

*IFB, or Interrupt Fold (sometimes Feed) Back is predominately a television broadcast term used to describe the process of cueing talent while they are on air. RTS™ IFB equipment is designed with a modular approach that meets the needs of not only large television networks, but also can be configured for any one-way communications need. With multiple program audio sources, individual or simultaneous interrupts and rugged durability, the RTS series of IFB and ISO products is perfect for any talent cueing need.*

# RTS TW IFB/ISO

## 4 0 0 1



Power Requirements:	14 VAC, 200 mA
Height:	1.72" (43.7 mm) [1 RU]
Width:	8.5" (215.9 mm)
Depth:	3.4" (86.4 mm)
Weight:	2.1 lb. (0.953 kg)

4-channel IFB Control station. Controls up to four separate talent feeds plus one stage announce send. Features two distinct audio sends per IFB channel for interrupt/non-interrupt or multiple program feeds. The unit has illuminated switches, programmable priority levels and gooseneck mic connector and is shipped with a wall power supply. Optional rack kit is also available. Requires one 4010 Central IFB.

## 4 0 0 2



Power Requirements:	14 VAC, 450 mA
Height:	1.72" (43.7 mm) [1 RU]
Width:	12.25" (312 mm)
Depth:	3.4" (86.4 mm)
Weight:	2.3 lb. (1.043 kg)

8-channel IFB Control station. Controls up to eight separate talent feeds plus two stage announce sends. Features two distinct audio sends per IFB channel for interrupt/non-interrupt or multiple program feeds. The unit has illuminated switches, programmable priority levels and gooseneck mic connector and is shipped with a wall power supply. Optional rack kit is also available. Requires two 4010 Central IFB.

## 4 0 0 3



Power Requirements:	14 VAC, 1A
Height:	1.72" (43.7 mm) [1 RU]
Width:	19.0" (483 mm)
Depth:	3.4" (86.4 mm)
Weight:	2.4 lb. (1.089 kg)

12-channel IFB Control station. Controls up to twelve separate talent feeds plus three stage announce sends. Features two distinct audio sends per IFB channel for interrupt/non-interrupt or multiple program feeds. The unit has illuminated switches, programmable priority levels and gooseneck mic connector and is shipped with a wall power supply. Optional rack kit is also available. Requires three 4010 Central IFB.

## 4 0 1 0



Power Requirements:	100 VAC or 230 VAC Version available 50/60 Hz, 45VA
Height:	1.72" (43.7 mm) [1 RU]
Width:	19.0" (483 mm)
Depth:	15.6" (395 mm)
Weight:	10.4 lb. (4.7 kg)

Central IFB electronics station. Contains all necessary control functions and electronics including line power, to provide the active link between the 4001, 4002 and 4003 control stations and the 4030 and IFB-325 user stations.

## IFB 325

Average Power Consumption:	50 to 80 mA
Height:	5" (127 mm)
Width:	3.5" (88.9 mm)
Depth:	1.8" (45.7 mm)
Weight:	1.0 lb. (450 g)
Earset Connector:	1/4" (6.3 mm)



Listen only single channel IFB Earset™ station. Provides a mono (either interrupt or non/interrupt selected at 4010) audio signal to the user. Can be used on a standard RTS TW intercom line as a listen only station. Features volume control in an extruded aluminum case. The IFB-325 can also be used with the MCE-325 as a basic IFB system.

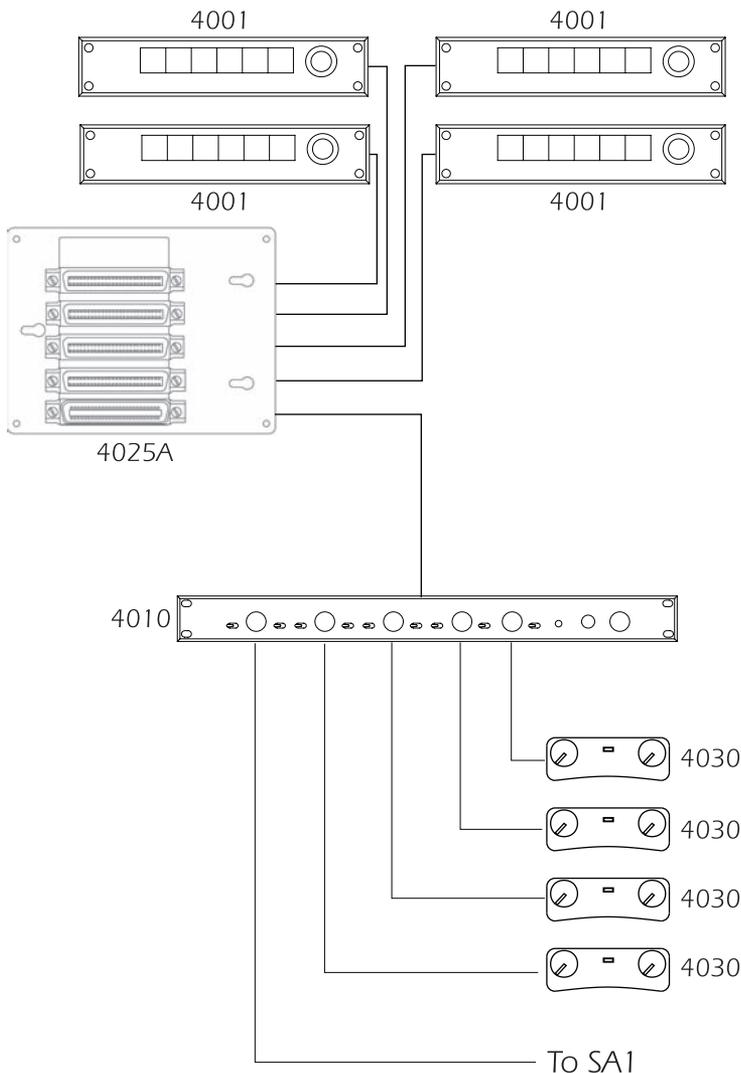
## 4030

Power Consumption:	150 mA maximum
Height:	5" (127 mm)
Width:	3.5" (88.9 mm)
Depth:	1.8" (45.7 mm)
Weight:	0.67 lb. (303 g)
Earset Connector:	1/4" (6.3 mm)



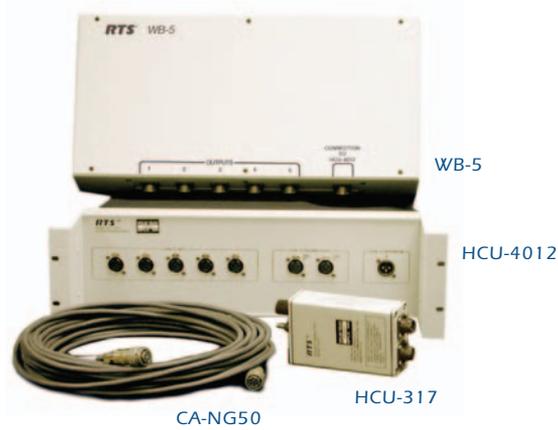
Listen only 2-channel IFB Earset™ station. Contains electronics to provide a stereo audio signal to the user. Features individual volume controls in an extruded aluminum case.

## IFB System Example



The RTS™ Intrinsic Safe Beltpack, HCU-317, and its additional required standard non-intrinsically safe system components is a communication system that can be connected to all RTS™ party-line stations which have been the industry standard of advanced professional party-line communication systems for over 25 years. The HCU-317 beltpack is designed to be intrinsically safe, which means that the beltpack can be used for communicating in areas that are at high risk for explosion such as aviation fuel tank cleaning areas, oil platforms, industrial or chemical areas.

# Intrinsically Safe



## HCU-317

Height:	2.56" (65 mm)
Width:	2.99" (76 mm)
Depth:	1.89" (48 mm)
Weight:	0.82 lb. (0.37 kg)
Headset Connector:	Intrinsically safe
	UL Listed

The HCU-317 Beltpack is designed to be Intrinsically safe, which means that the beltpack can be used for communicating in areas that are at high risk for explosion, such as aviation fuel tank cleaning, oil platforms or chemical plants. All beltpack users will be able to communicate together in full duplex operation mode.

## WB-5

Height:	9.45" (240 mm)
Width:	17.95" (456 mm) without mounting bracket
Depth:	3.15" (80 mm)
Weight:	7.96 lb. (3.61 kg)

The WB-5 wall box outputs can be connected to five individual HCU-317 beltpacks. All the beltpacks will be able to communicate together in full duplex operation mode. The WB-5 itself is connected to the HCU-4012 breakout distribution panel for system power.

## HCU-4012

The 19" (3RU) HCU-4012 Breakout distribution panel is designed to take the system power from the PS-31 and distribute it to the WB-5 Wall box. It also offers the option to connect all RTS™ party line stations to the Intrinsic Safe Intercom System.

## CA-NG50

The CA-NG50 cable is equipped with special intrinsic safe connectors. Each 50' intrinsic cable is used to connect one HCU-317 beltpack to the WB-5 Wall box.

## PH-200-HCU

The PH-200-HCU headsets (not shown) can be used with the HCU-4012 Beltpack. The headset is already equipped with the intrinsic safe headset connector which plugs into the HCU-317 Beltpack.



## SSA424A



Power Requirements:	100 to 250 VAC, 50 / 60 Hz, 18 VA
Height:	1.72" (44 mm) [1 RU]
Width:	8.2" (208 mm)
Depth:	8.0" (203 mm)
Weight:	5.0 lb. (2.3 kg)
Nulling:	Automatic

Provides two independent channels of 2-wire (TW) to 4-wire hybrids in a 1/2 rack wide by 1 RU package. The TW interface is suitable for balanced and unbalanced systems, allowing RTS party line or Matrix systems to interface to virtually ANY party-line intercom system in use today. Option card allows translation of call lights and two-way radio interfacing. 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.

## SSA324



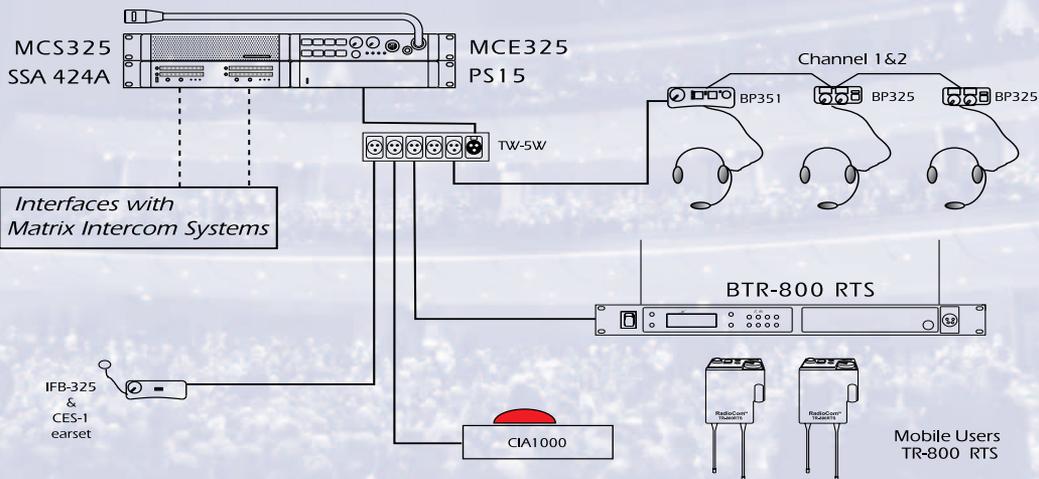
Power Requirements:	100 to 250 VAC, 50 / 60 Hz, 20 VA
Height:	1.72" (44 mm) [1 RU]
Width:	8.2" (208 mm)
Depth:	8.0" (203 mm)
Weight:	2.75 lb. (1.3 kg)
Nulling:	Manual
Optional:	Transformer versions available

Provides two independent channels of 2-wire (TW) to 4-wire hybrids in a 1/2 rack wide by 1 RU package. The TW interface is suitable for balanced and unbalanced systems, allowing RTS party line systems to interface to virtually ANY party-line intercom system in use today. Features system to system level, duck and null adjusts with front panel headset connector for use during setup. Option card allows translation of call lights and two-way radio interfacing.

# RTS TW Interfaces

RTS interfaces feature a unique multifaceted design concept that enables them to be used for multiple interface requirements. Part of RTS's modular design concept, RTS interfaces are rugged, reliable and extremely flexible. Each interface has an ergonomically designed front panel user interface for unparalleled ease of use and convenient rear connections to make any communications transition simple.

## System Example



*RTS™ TW intercom systems with their modular design and flexible, ergonomic user interfaces are the most versatile party line intercom system in the world. RTS accessories are additional products that are designed to make implementing your RTS system convenient and trouble free. Like all RTS products our full line of intercom accessories is built to withstand the rigors of daily industry use and offer worry-free operation for years to come.*

## SAP 6 1 2



Source assignment panel (1RU). Transforms a basic two bus intercom system into a 6 bus system via convenient matrix slide switches. Provides six input channels and 24 output channels. I/O provided via two 1/4 inch, three 3 pin XLR female and twelve 3-pin XLR male connectors. Contains XLR jacks for RTS power supply.

## SAP 1 6 2 6



2 RU source assignment panel. Assigns any one of 12 intercom channels and/or three program audio channels to 26 separate 2-channel user stations via convenient matrix thumb wheel switches. I/O provided via two 50 pin connectors. Normally used in conjunction with a BOP-220

## BOP 2 2 0



19", 3 RU break out panel, I/O connector transition assembly. Provides a convenient interface between a SAP-1626 (25 pair 50-pin) and up to 20 user stations or strings of stations (3 pin XLR male).

## 4 0 1 2



19", 3 RU system interconnect, 50-pin to 3-pin XLR connector transition assembly. Used with the 800 Series master stations. Translates the 50-pin connectors to 12 3-pin XLR male connectors. Additional connectors are provided to apply power to XLR connectors.

## TW 5 W



1 x 5 Two channel 3-pin XLR type Passive Splitter. Features a rugged metal box for portable floor interconnect.



## BOP1000



19" blank mounting rack — Required for mounting the TW-7W splitter.

## TW7W



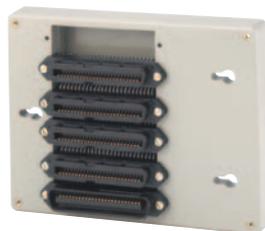
1 x 7 Two channel 3-pin XLR type passive splitter. Optional rack mount panel (BOP1000) is available which holds two TW-7W.

## 4022



1 x 2 25 pair, 50-pin passive splitter. Used to interconnect two 800 Series master stations or 4000 Series IFB system control panels.

## 4025A



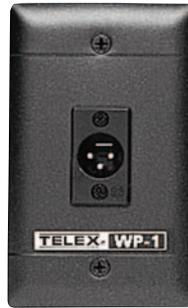
1 x 4 25 pair, 50-pin passive splitter. Used to connect multiple 800 Series master stations or 4000 Series IFB systems control panels.

*RTS™ source assignment panel accessories are a key element in large, high-end TW party line systems. With the ability to turn a standard two bus communications system into a 12 or more bus configuration, SAPs are vital to system expansion. Increasing the number of usable communications busses allows the system to be better tailored to individual user needs.*

# RTS TW Accessories

*With a host of interconnection possibilities, RTS accessories offer a wide range of connector and form factor options. Our new CIA-1000 call light indicator allows users to operate in high noise environments or in areas where a headset cannot be worn full time. The CIA-1000 is just another example of how RTS designs and builds products to meet our customers' specific needs. We put our experience to work for you!*

## WP 1



Wall plate passive junction box. Male 3-pin XLR connector. Has a standard male XLR3 for convenient interconnect. Black in color.

## CIA1000



Call light indicator. Features top mounted (standard) or front mounted (optional) red flashing call light. Offers channel select control, line and loop connectors, and spring clamp terminals for relay closure output in a 1/2 rack wide by 1 high package. Ideal for high noise applications or when users cannot monitor headsets full time such as theater or touring sound.



## MCP1



Rack mount kit for two main (modular style) components.

## MCP2



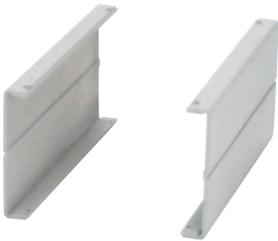
Rack mount kit for one main (modular style) component.

## MCP3



Console mount kit for one main (modular style) component.

## MCP4



Tandem mount kit for two main (modular style) components. Comes with 1/4 inch to 1/4 inch link cable.

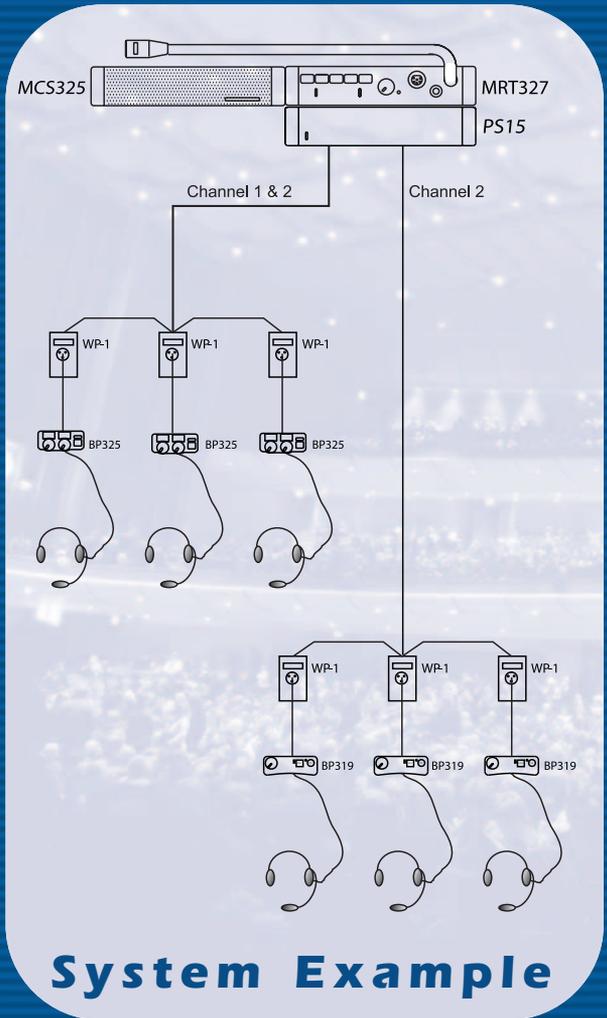
## MCP8



Side Channels (1 pair). Used to cover the side slots in the modular series packages.

# Mounting Brackets

Mounting brackets are the key to the RTS modular User Station design concept. By choosing the appropriate mounting kit individual user stations can be combined in numerous configurations to meet virtually any communications need. All mounting kits are engineered and built for rugged durability. All metal construction and attention to mechanical design details make all of the RTS mounting kits a worry-free choice for years to come.



## System Example

## Headsets

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-1R ■ HR-2R

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-1R is single muff, HR-2R is dual muff.

### PH-44R ■ PH-88R

Super light-weight headsets with dynamic noise canceling microphone. Adjustable mic boom for precise positioning. High quality wide band earphones. PH-88R is single muff mono; PH-44R is dual muff mono. Available in 4- or 5- pin XLR connectors (male or female) and pigtail.

### PH-1R ■ PH-2R ■ PH-3R

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. PH-1R is single muff mono; PH-2R is dual muff mono, and PH-3R is dual muff stereo. Available in 4- or 5-pin XLR connectors (male or female) and pigtail.

### PH-10R

The maximum in passive noise reduction. The PH-10R offers an EPA rated NRR of 24 dB. Perfect for industrial and concert applications. Dynamic noise canceling microphone, dual muff mono. Available in 4- or 5-pin XLR connectors (male or female) and pigtail.

### PH-120R

Earset style is a simple and comfortable, as well as a discreet headset option, using an earplug with an inline clip-on electret microphone. The microphone, which is omni-directional, has a built-in cough switch, which puts no limitations on the user. Weighing less than 2 ounces, this earset gives the freedom of maneuverability and comfort. Available with 4 pin male or female XLR connectors.

### PH-150R

Earclip style is a simple and comfortable alternative to the headband headsets and is ideal for hands free use. The adjustable mouthpiece allows the user to adjust the electret microphone for personal preferences. Includes male/female convertor.





**PH-100R**



**PH-200R**

**EMV-2**



**CES-2**



**CES-1**



**MCP7**



**HS-6000**



- MCP90-18** 18" (45.7 cm)
- MCP90-12** 12" (30.5 cm)
- MCP90-8** 8" (20.3 cm)
- MCP90-0** 1.8" (4.4 cm)

## PH-100R ■ PH-200R

The PH-100R and PH-200R are premium medium-weight noise reduction headsets with dynamic microphones. Similar to the HR-1R and HR-2R headsets, the PH-100R and PH-200R feature a unique, comfortable headband design that distributes pressure evenly. This headset comes with high quality moleskin cushions and offers a 21 dB noise reduction rating. The PH-100R and PH-200R are portable and able to fold into an extremely compact shape. Available in 4- or 5-pin XLR connectors (male or female) and pigtail.

## Earsets

Telex offers the widest variety of earsets, cords, ear tips, earloops and tubes, and accessories in the industry. 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 (mini plug) straight phone plug.

### MCP 7

Hand-held microphone with 6 pin connector. Used with MCE-325 user station. Ergonomic designs fits comfortably in user's hand. Requires a modular speaker station for headset free use.

### HS-6000

Telephone style handset with push-to-talk switch, dynamic earphone and dynamic mic. Terminated with A4M or A5M plug. Available in white.

## RTS TW Gooseneck Microphones

The RTS TW back electret cardioid microphone is ideally suited for vocal sound reinforcement, public address and intercom applications. The unidirectional cardioid response makes it particularly beneficial when background noise is a problem. The microphone features a threaded trs male connector that is compatible with all "2002" RTS Two Wire products. The removable windscreen provides pop-filtering, response-shaping and overload protection to further enhance the acoustic performance of the microphone.

## For information

on any of the products shown  
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