



# Health Care Call System

## Computer/Data Interface

Cat. 6861

### DESCRIPTION

Jeron Computer/Data Interface is used to transfer system activity data to any compatible RS-232C serial data device. The data provides a chronological record of calls and responses between Nurse Master Stations and associated patient or staff rooms.

Two independent RS-232C ports are provided: J1 and J2. The ports allow simultaneous interfacing with a serial printer, video display terminal, radio paging terminal, computer with Jeron 6893 Nurse Call Executive Information System installed, or other ASCII format serial data device. The Computer/Data Interface provides hospital administrations with a broad range of programming choices:

- Continuous or Elapsed Time
- Activity at Any or All Masters
- All Activity or Code Calls Only
- Optional Radio Pocket Page
- Optional Jeron 6893 Nurse Call Executive Information System

### OPERATION

#### PORT J1

When a serial printer/video display terminal is connected to port J1, system activity can be printed/viewed for any or all Nurse Master Stations in the system. Port J1 may also be connected to a computer equipped with a 6893 Jeron Nurse Call Executive Information System.

The Computer/Data Interface may be programmed for either continuous or elapsed time mode.



In the continuous mode, date, time, location, and call/event type are printed/displayed as each event occurs.

In the elapsed time mode, data is printed/displayed only when a series of events is completed for one room or bed. Date and real time for initial event are printed as above; subsequent related events record elapsed time relative to first.

The Computer/Data Interface may be programmed to print/view all system activity or only code level events. In the code-only mode, the printer/vdt records/displays only code calls.

The title block with the facility name and reporting Nurse Master Station Name(s) prints on each page.

#### PORT J2

Port J2 transfers all system activity data – all call types and events at all configured Nurse Master Stations – for display on the vdt or for storage and processing in a computer equipped with Cat. 6893 Jeron Nurse Call Executive Information System.

Port J2 also allows programmable connection to a radio page system that displays the call type/location on digital pagers; requires Jeron 6891 Radio Pocket Page Software Module. All data is transmitted in continuous mode.

Following event data are available at both port J1 and J2:

Call Type — placed and canceled

Seven system diagnostic messages are also transmitted. Any Nurse Master Station may be used, after entry of a secure code, for all programming and setting of the system real time clock.

### EQUIPMENT

The Computer/Data Interface is housed in a metal enclosure with connections for the system Main Control and any two of the following: printer, video display terminal, radio paging terminal, and computer with Cat. 6893 Jeron Nurse Call Executive Information System installed. One interface may be used with each Main Control. The Radio Pocket Page Software Module may optionally be used with the Computer/Data Interface.

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# JERON®

## Computer/Data Interface

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### TECHNICAL DATA

#### Enclosure:

- Steel with enamel finish and rubber feet

#### Dimensions (H x W x D):

- 1.5 x 9.5 x 7.25 in.  
(3.8 x 24 x 18 cm)

#### Controls/Indicators:

- Dipswitch for changing settings: parity, stop bit, word length, baud rate (300/600/1200/2400/4800/9600)
- port ON/OFF
- L1: green LED indicator

#### Operating Voltage:

- 28 VDC @ 100 mA

#### Field Connections:

- P1 6850 Input: 10ft. (3.05 m) cable with locking D-Sub plugs at both ends provided for connection to Main Control
- Port J1: cable with 9-pin male D-Sub required
- Port J2: cable with 9-pin male D-Sub required

#### Interface Ports:

- Port J1: RS-232C serial
- Port J2: RS-232C serial

#### Data Format:

- ASCII

#### Certification:

- UL 1069 Listed
- C-UL— Canadian Standard C22.2 NO.125

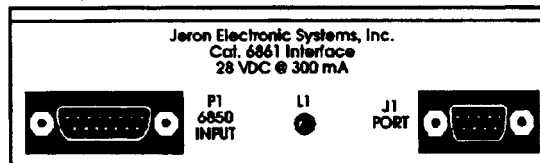
### Example of Continuous Mode Printout:

COUNTY GENERAL HOSPITAL SYSTEM ACTIVITY REPORT ICC/CCU 01,PEDIATRICS 02,ORTHOPEDICS 03,RADIOLOGY 04			
07/23/90	11:57:07	1006A	PERSONAL ATTENTION CALL PLACED
07/23/90	11:58:05	1009	NORMAL CALL PLACED
07/23/90	11:58:16	1009	AUDIO CONNECTED ICC/CCU 01
07/23/90	11:58:25	1006A	PERSONAL ATTENTION CALL CANCELLED
07/23/90	11:58:29	1009	AUDIO CANCELLED ICC/CCU 01
07/23/90	11:58:29	1009	NORMAL CALL CANCELLED

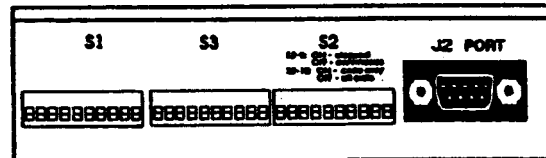
### Example of Elapsed Time Mode Printout:

COUNTY GENERAL HOSPITAL SYSTEM ACTIVITY REPORT ICC/CCU 01,PEDIATRICS 02,ORTHOPEDICS 03,RADIOLOGY 04			
07/23/90	12:07:21	ICC/CCU 01,,	ORTHOPEDICS 03
	00:00	1007	CODE CALL PLACED
	00:32	1007	CODE CALL CANCELLED
07/23/90	12:07:02	ICC/CCU 01,PEDIATRICS 02,ORTHOPEDICS 03,RADIOLOGY 04	
	00:00	1009C	NORMAL CALL PLACED
	01:04	1009C	AUDIO CONNECTED ICC/CCU 01
	01:16	1009C	NURSE NEEDED CALL PLACED
	01:19	1009C	AUDIO CANCELLED ICC/CCU 01
	01:20	1009C	NORMAL CALL CANCELLED
	03:09	1009	NURSE REGISTERED IN
	03:09	1009C	NURSE NEEDED CALL CANCELLED
	04:46	1009	NURSE REGISTERED OUT

#### Front view:



#### Rear view:



PRODUCT SUBJECT TO CHANGE WITHOUT NOTIFICATION.