

The NATIONAL TIME 900 Series Computer module controls the operation of the Fire Alarm Panel. It may communicate with up to 31 additional panels through a dual RS485 interface. Configuration information may be downloaded from a PC or printed to a printer through an optically isolated RS232 port. Configuration data is stored in non-volatile 32K EEPROM (up to 448K with expansion module). A watchdog circuit ensures an audible indication of failure. A 100 year real time clock stores the time and date. The Fire Alarm Panel is easily configured using windows based software on a personal computer. Downloading of configuration may be accomplished through a portable computer, or downloaded from a remote location utilizing a modem. A history queue will store all panel activity for future review, even after a power failure.

## **FEATURES**

Microprocessor Based

Dual RS485 Serial Ports  
(with A900-COMPUTER ISOL)

Isolated RS232 Serial Port

32K EEPROM

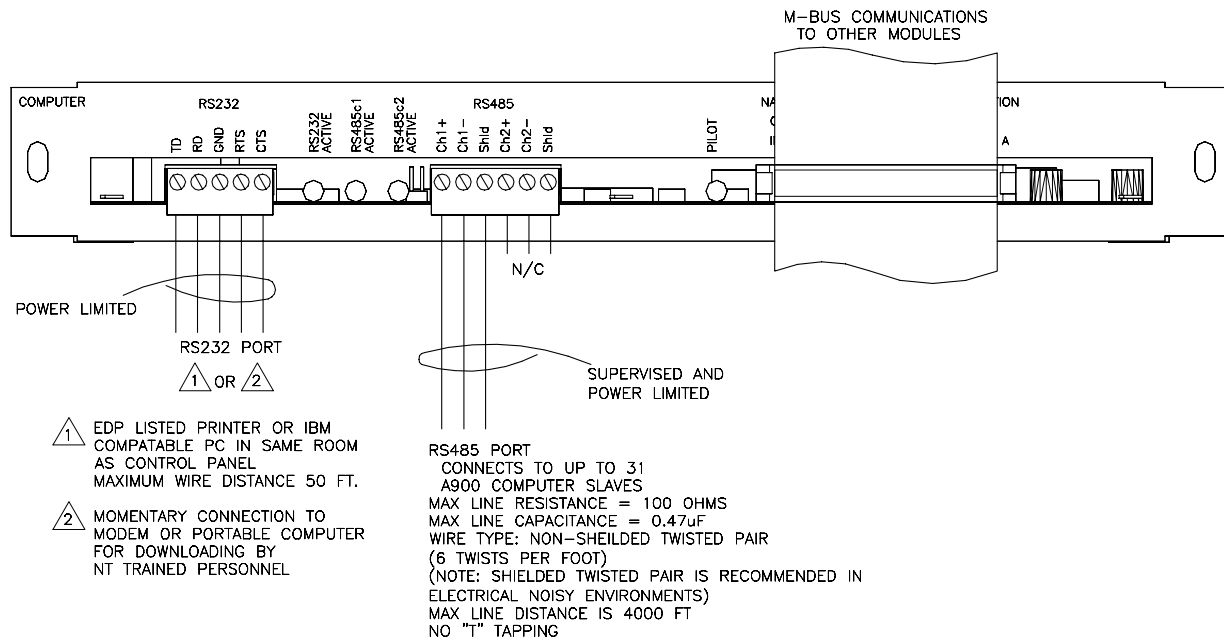
Expandable to 448K EEPROM

100 Year Clock/Calendar

Non-Volatile Memory/History

U.L. Listed

# Wiring Diagrams



# Specifications

**Power Supply Required:** 5VDC, via M-Bus

**RS232:** Optically Isolated with flow control signals

**RS485:** Dual Channel (Optically isolated on A900-COMPUTER ISOL)

**Terminations:** Removable Screw Terminals. 12AWG 10A

**Finish:** Powder Grey

**Dimensions:** 1.5"x 10.25"x 4.35" with mounting ears.

Requires 1 rack slot.

**Net Wt.:** 1 lb.

# Ordering Information

| Part No.           | Description  |
|--------------------|--|
| A900-COMPUTER      | A900 COMPUTER with isolated RS232 port, 32K EEPROM         |
| A900-HIST32        | Configuration/History Queue Memory Expansion 32K           |
| A900-HIST128       | Configuration/History Queue Memory Expansion 128K*         |
| A900-HIST384       | Configuration/History Queue Memory Expansion 384K**        |
| A900-COMPUTER ISOL | A900-COMPUTER w/ isolated RS232/RS485 ports. (Multi Panel) |

\*Must be ordered with A900-HIST32 to create 192K total.  
 \*\*Must be ordered with A900-HIST32 to create 448K total.  
 A900-HIST128 and A900-HIST384 may not be combined.