

**® Light Engineered Displays, Inc.**Graphic Annunciators * Water Leak Detection
Fireman's Smoke Control Panels * ARA Systems109 Portwatch Way Wilmington, N.C. 28412 Phone: (800) 251-2512 Fax: (800) 251-9878
Internet: www.ledinc.com Email: sales@ledinc.com

Technical Specifications

1. POWER
10 to 50 vdc @ 500 ma max.
2. OPERATING TEMPERATURE
32° - 100° F
3. HUMIDITY
0% - 100° Non-condensing
4. COMMUNICATIONS
20 ma Loop

**Model LI-125**

General Description

The model LI-125 is designed specifically to facilitate communications between the Cerberus XL-3 Addressable Fire Alarm System and peripheral devices such as CRT monitors and printers. The LI-125 provides selectable answer-back codes so that the Fire Alarm System can supervise the data loop. When used in a CRT/Keyboard and printer combination, full system control can be obtained allowing for replacement of the standard RC-119 printer. Note: when multiple terminals are connected, ONLY ONE may provide the answer-back codes.

With the answer-back codes disabled, the LI-125 provides a means to connect a CRT monitor on a loop with an existing RC-119 printer.

The LI-125 supports a serial output for connection to any Wyse 50 compatible monitor and a parallel output for connection to any IBM compatible printer. The unit features DIP switch selectable supervision of its peripherals. When enabled, the connected device(s) must be fully operational and ready for data, or a "loop trouble" will be generated at the XL-3 control panel. Diagnostic indicators for power, loop, CRT, and printer status expedite troubleshooting.

Custom software traps ALL supervisory bitstream characters to allow for proper operation of attached devices. Your CRT "Screen Saver" will be fully functional. Also, a software command causes the attached printer to empty its buffer to insure all messages are printed.



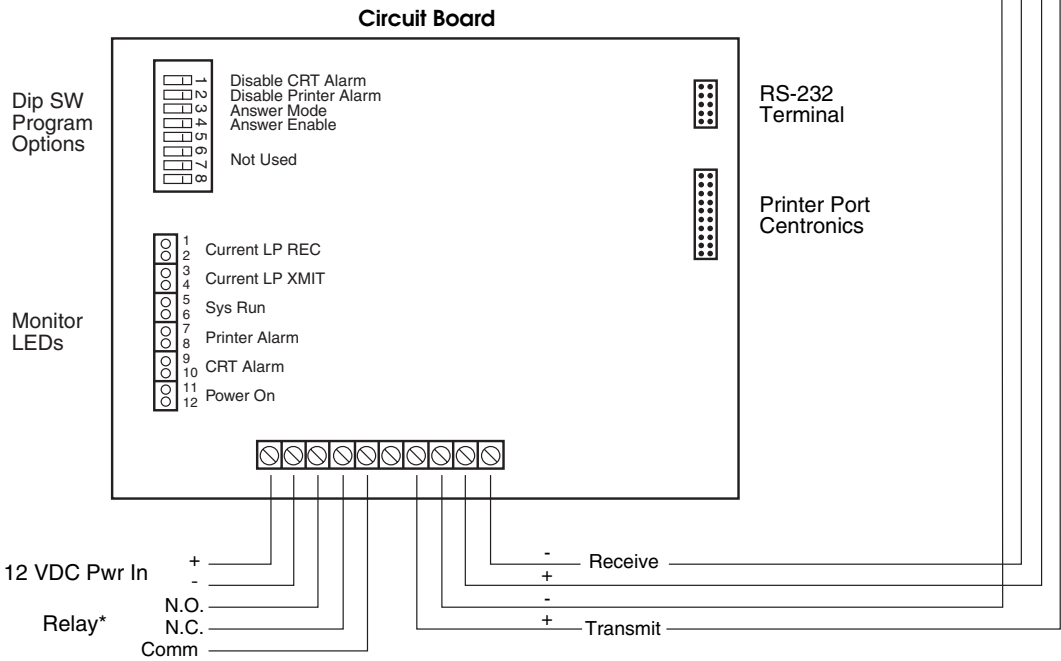
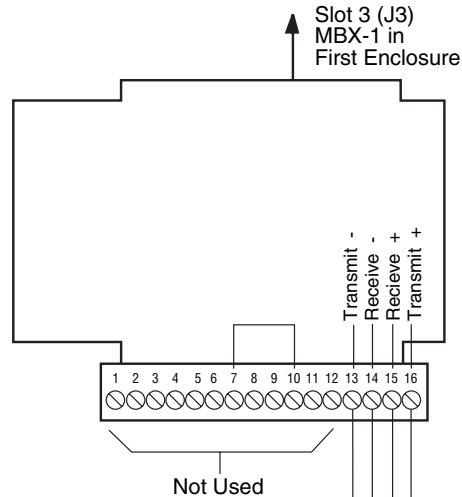
LI-125 LOOP CONVERTER

General Description & Wiring

The LI-125 Interface may be located 1000' from the XL-3 Control Panel. The printer and CRT plug into the LI-125 using standard computer cables. The devices should be located within 50' of the interface.

DIP Switch Designations

1. This switch is "closed" to supervise for CRT.
"Open" switch to defeat supervision.
2. "Close" switch to supervise printer.
"Open" switch to defeat supervision.
3. "Close" switch to emulate RC-119
4. "Close" switch to activate answer-back.
If answer-back is provided by other device,
then switch must be "Open."
- 5, 6, 7 Not Used.
8. Must be "Closed" when used with both a
printer / CRT combination, "Closed" for
printetr only, & "Open" for CRT only.



*OUTPUT: Emulation: Wyse 50
 Baud Rate: 9600
 Parity: ODD
 Data Bits: &/1
 Full Duplex

*Relay can be used to activate local fault audible device.
 Contacts are related at .5 amps at 115 VAC.