LCD-1:Alpha Numeric Plug-In Display

1.0   Features and Functions

The LCD-1 allows the PXL-250 to provide feedback to the user – at the controller – that can aid the installer. Each click of S1 on the controller board steps through the following information.

- unit address
- firmware and PIC revision numbers
- date
- time
- controller firmware diagnostics

This document is intended as an aid for installation. For complete instructions on operating the LCD-1 with the PXL-250, please refer to the <u>PXL-250 Technical Reference Manual</u> (P/N 01836-001) or the <u>PXL-250 Troubleshooting and Diagnostics</u> reference document (P/N 01841-001).

NOTE: Early revisions of the surface mount PXL-250 mislabeled J6 as J5. All instructions for J6 apply to J5.
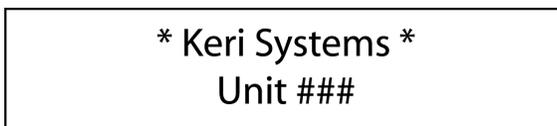
2.0   Installation

The LCD-1 connects to J6 on the PXL-250 controller board (see Figure 2). Grasp the LCD-1 by the sides of the unit, line up the pins of the LCD-1 with the connector on the controller, and gently press the LCD-1 on to the controller (see Figure 3).

NOTE: Do not press on the glass face or metal frame of the unit. Be sure the pins and the connector are correctly lined up before applying power to the controller. Incorrect installation can severely damage the LCD-1 rendering the unit inoperable.

3.0   Powering the Unit and Verifying Operation

Once the LCD-1 is installed, simply power on the controller to power on the unit. If the unit is operating correctly the display will appear as follows.

```
* Keri Systems *
   Unit ###
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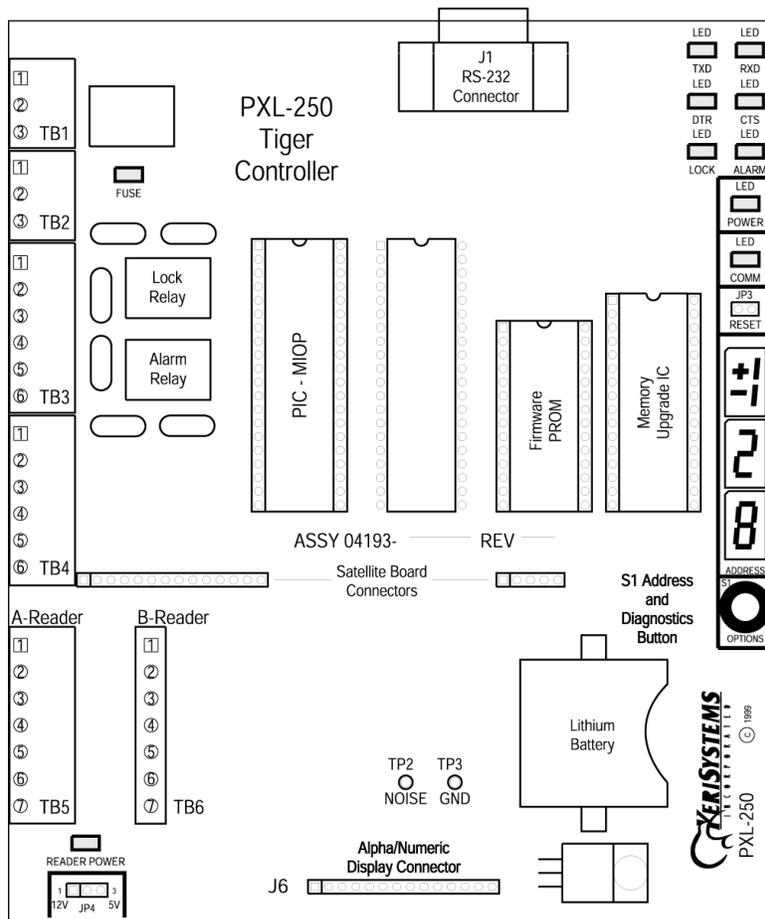
Figure 1: LCD-1 Sign-on Message

If the LCD-1 does not display information as in Figure 1, verify the unit's pins are properly inserted into J6 on the controller and that the unit is properly powered on.
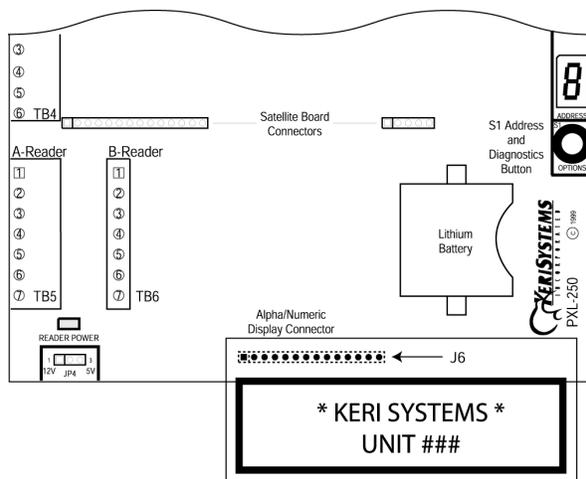
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01818-001 Rev. C

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Figure 2: Location of J6 on the Controller

Figure 3: Connecting the LCD-1 to the Controller