

Keypad Controller Addendum

Overview

This addendum depicts the additions and changes to **SER 339001-UM** required for the Accu-Guard keypad controller.

Wiring the Keypad Controller

Comm Cable

Within Keypad

IMPORTANT: Anytime comm wires route from either the Master Controller or the PC Interface Box to any Keypad Controller the:

- wires must swap the RX and TX Connections.

See **Figure 1**.

Within Digital Display

IMPORTANT: The comm wires must swap the TX and RX and CTS and RTS connections. See **Figure 2**.

From Digital Display To Digital Display

One Keypad Controller can communicate up to 6 Digital Displays. When Digital Displays are linked, the comm wires must swap the TX and RX connections. See **Figure 3**.

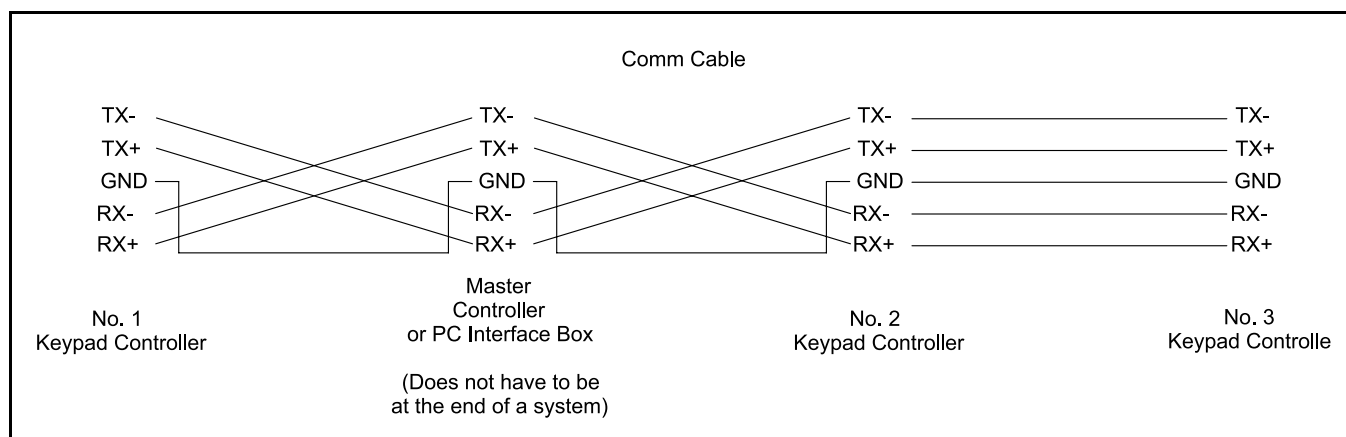


Figure 1 Comm Cable Interwiring Between Master Controller (PC Interface Box) and Keypad Controllers - Typical

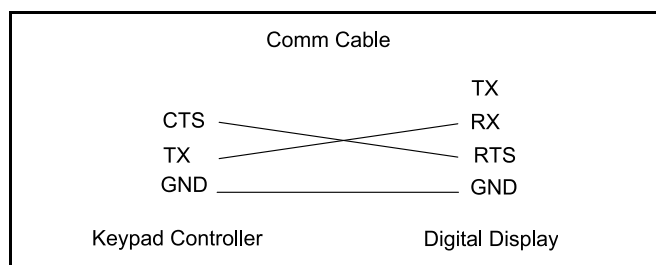


Figure 2 Comm Cable Connections from Keypad Controller to Digital Display - Schematic

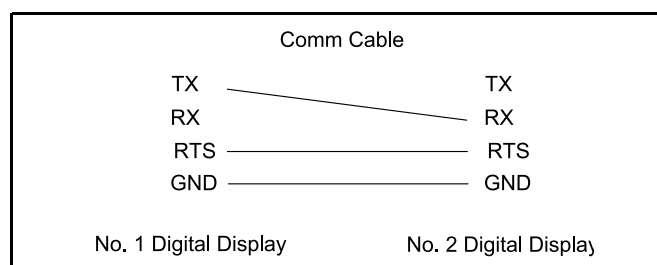


Figure 3 Comm Cable Connections from Digital Display to Digital Display - Schematic

System Configuration

Each Keypad Controller is identified with a unique number that is programmed directly into the controller.

***IMPORTANT:** Make sure the hardware is wired and has been thoroughly checked for accuracy before programming.*

To program the keypad controller:

1. Turn on the Power Supply as required.
2. Remove the cover from the controller's case.
3. Gently lift and turn the cover away from the case.
 - Use care not to stress the ribbon cable.
4. Locate and press the reset button on the cover's circuit board.
 - See **Figure 4**.

Once the **Installation PIN** screen appears:

5. Enter PIN **1425372**.
6. Press the **Enter** button.
 - The **Installation Clear Config.** screen appears.
7. Press the bottom right key.
 - The **Installation Keypad Number** screen appears.
8. Press the **Enter** button.
 - The **Enter Address 001** screen appears.
9. Press the **Enter** button to enter the default of 001 or:
10. Enter the required unit number with the use of the numeric keypad
11. Press the **Enter** button.
 - The unit number is saved and the previous screen appears.
12. Press the **Cancel** button.
 - This exits the keypad from the setup menu.
13. Turn off the Power Supply as required.
14. Attach the cover to the controller's case.

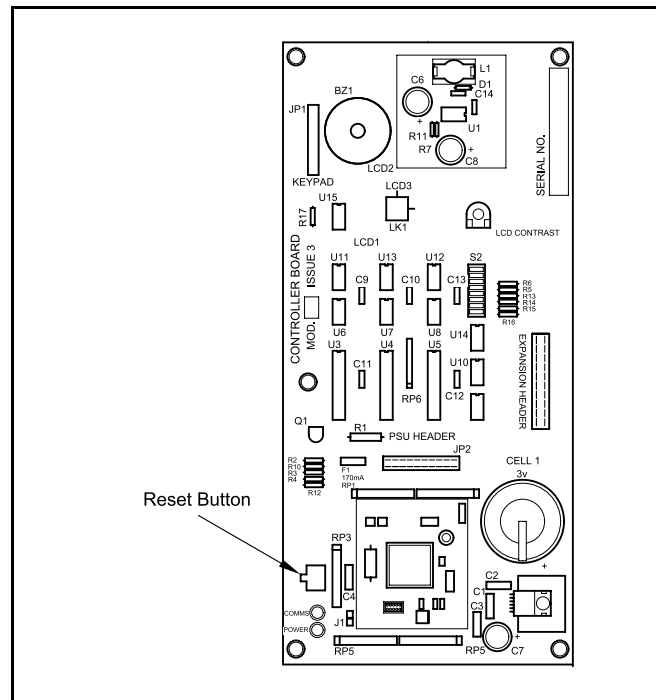


Figure 4 Keypad Controller Reset Button
Located on the Cover

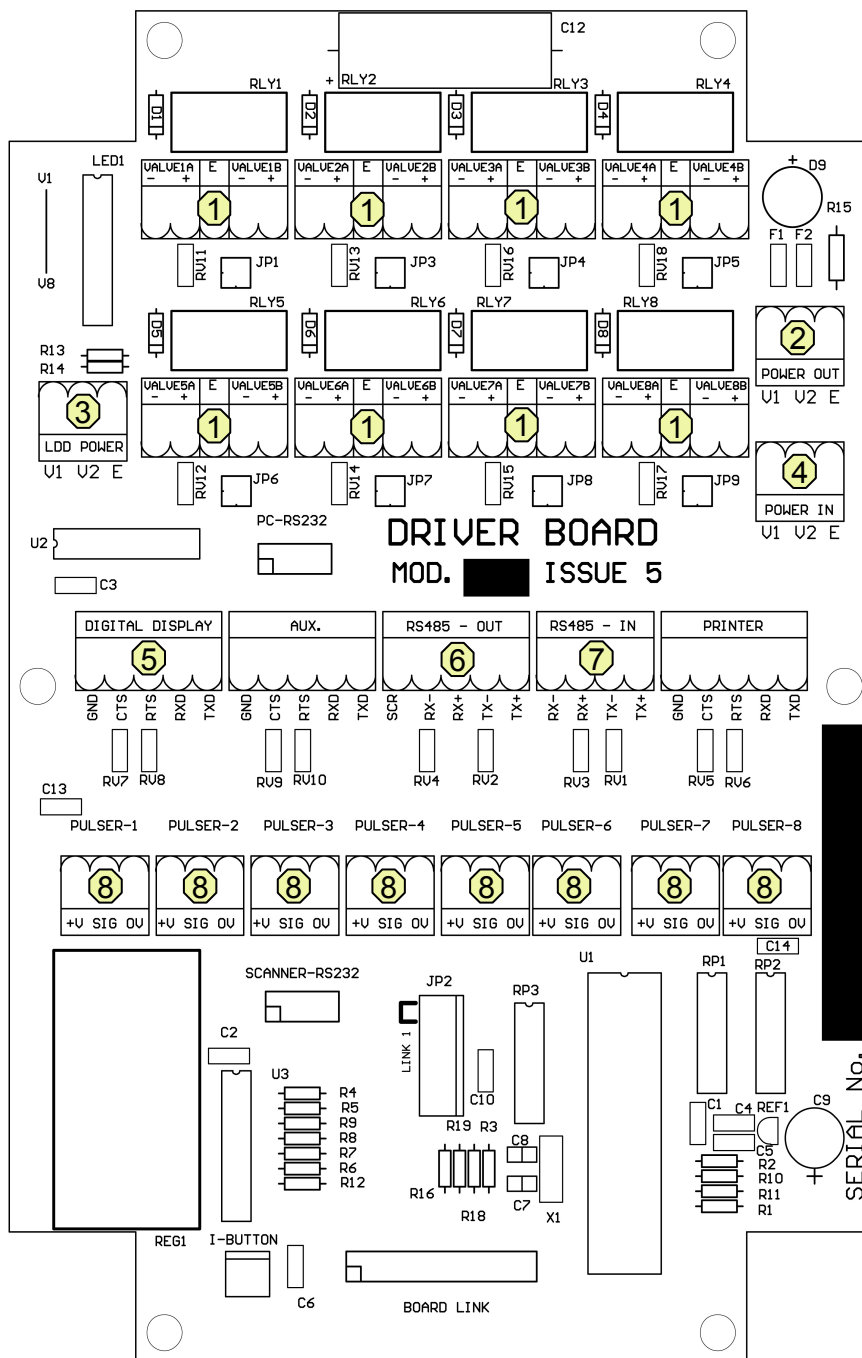


Figure 5 Interim Keypad Wiring Reference

