

RLC-1 Plus Serial Transmit Problem

Description of the Problem:

When serially receiving data from the RLC-1 Plus controller, some of the digits are incorrect. The problem is baud rate independent. When sending data to the RLC-1 Plus, no problems are encountered, only when receiving data from the controller.

Solution to the Problem:

This problem is caused by a weak pull-up resistor on the serial transmit line. The problem can be addressed by adding a 1/4 watt, 10K resistor between the RLC-1 to RLC-1 Plus board connector, pin 21 and the (+) side of C23. This resistor will provide the needed voltage to overcome the problem.

If you do not feel comfortable doing this modification, please send the RLC-1 Plus controller to Link Communications for a no-cost, same day repair.

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