Serial Port Interfacing

The RLC-2 has a serial terminal port for interfacing to any serial device, i.e. packet and serial terminal. This allows the user to monitor, control, and program all facets of the controller. The serial terminal carries highest priority for access and programming of the RLC-2.

RS-232 Signals and Interfacing

The RLC-2 output is the RS-232 standard, ±12V. The serial terminal port also contains the I/O pins for the software controlled resistors. (See the Software Resistor Section for interfacing programming information).

Pin-Out Serial P6 Connector

Pin Number	DB-09 Computer	DB-25 Computer	Signal Definition
4	3	2	RS-232 Input
5	5	7	Ground
9	2	3	RS-232 Output

Pin-Out Software Resistors P6 Connector

Pin Number	Definition
1	Wiper Resistor #2
2	Low Side Resistor #2
3	Wiper Resistor #1
6	High Side Resistor #2
7	Low Side Resistor #1
8	High Side Resistor #1

Local Terminal Interfacing

When using a local ASCII terminal at the RLC-2's location, an ASCII terminal can be used to communicate with the programming features of the RLC-2. The terminal's communication parameters must be set to:

Baud (Default).... 9600, Start Bits.... 1, Stop Bits ....1, Parity .... N, Word Length 8

These parameters will allow communication with the RLC-2. For system operations, see the next section "Operation and Programming Over the Serial Port".