

RM-SERIES REMOTE DISPLAYS

NOTE: RM 1/2 & RM-1 REMOTES HAVE OVERLAYS THAT SHOW
BUTTONS. **THESE ARE NOT FUNCTIONAL.**

Manufacturers and distributors of industrial electronic weighing systems for over 15

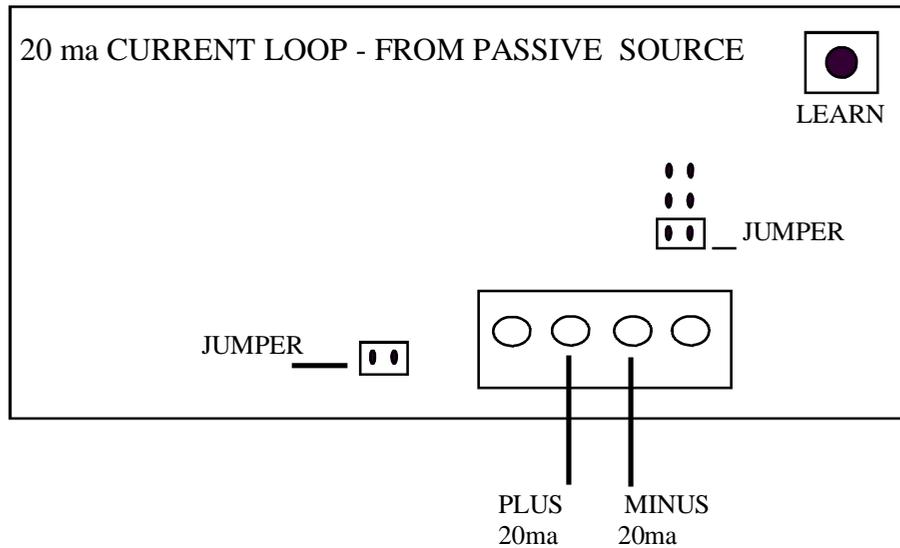
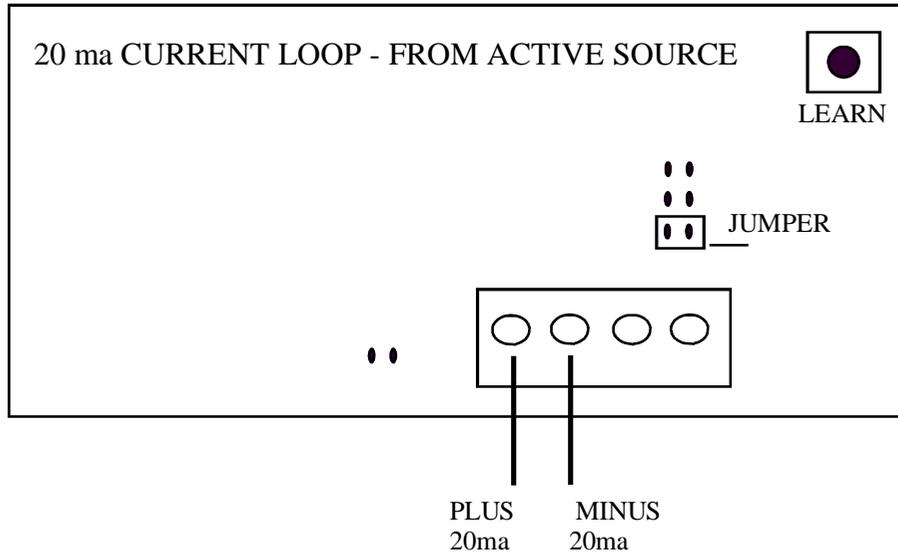
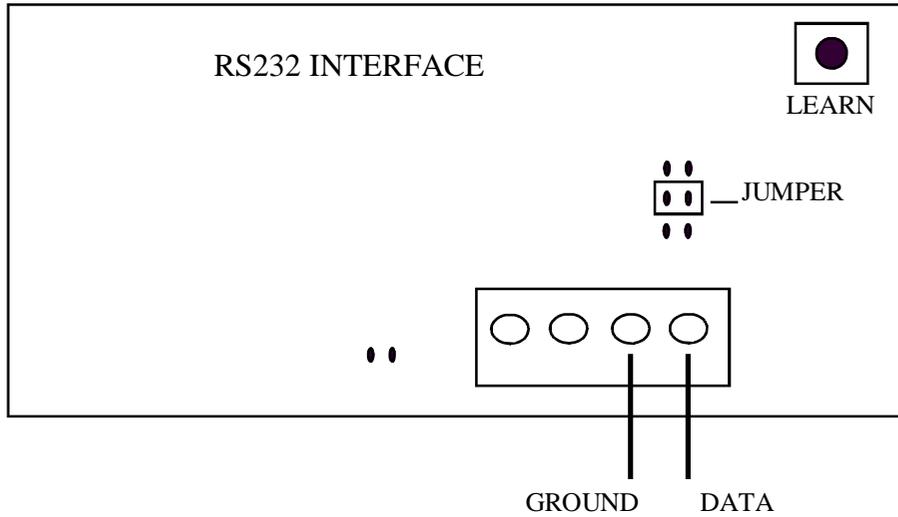


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NOTE: If the scale indicator is a Toledo or Fairbanks, a Eprom change will be required due to the status characters that these indicators send before the weight characters.
This eprom can be ordered at no charge.

TOLEDO USER —BE SURE TO DISABLE THE CHECK-SUM ON THE SERIAL DATA OUTPUT



The AUTO-LEARN feature allows the RM unit to determine the Baud Rate and character format that is being sent to it. The unit will configure to the incoming data baud rate, data bits, and parity.

When receiving data, the RM unit seeks out the first grouping of numbers. It will then look for a minus sign and decimal point within this group. The numbers will then be displayed on the RM display with decimal point and minus sign if necessary.

Any leading zeros will be changed to blanks. This conserves power when the display is being sent all zeros.

The unit will ignore blank lines of data to prevent blinking off if there is a blank line sent between lines of valid data.

The unit will also ignore any commas that it receives.

NOTE: When the RM unit is powered and the DATA wiring is correct, the LED light on the circuit board will be off and pulse on, when data is transmitted from the sending unit, the LED light will flicker.

If the wiring is not connected correctly, the light will be solid on or totally off.

Automatic Setup Procedure.

1. Hold down the LEARN button.
2. Plug in the RM unit to 120 vac power and note that the digits scroll through the numbers 123456789.
3. When the display goes to 00 (OR BLANK) WAIT 5 SECONDS then, release the LEARN button.
4. Assure that the LED light pulses to indicate data is being received.
5. The display will show —01, and start changing to different numbers.
6. When the RM unit configures to the incoming data, the display will show two digits separated by dashes.

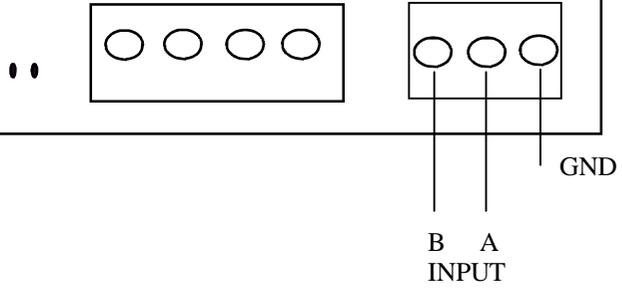
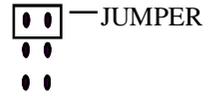
The following table can be used to tell what the baud rate and data bit format is of the sending unit.

| | |
|------------------------------------|---------------------------------------|
| Left digit = 0 = Baud rate of 9600 | Right digit = 00 = 7 data / no parity |
| 1 = 4800 | 11 = 8 data / no parity |
| 2 = 2400 | 22 = 7 data / odd parity |
| 3 = 1200 | 33 = 8 data / odd parity |
| 4 = 600 | 44 = 7 data / even parity |
| 5 = 300 | 55 = 8 data / even parity |

7. Press the LEARN button, and the display will read the numbers from the sending unit

NOTE: If no data was recognized or no data was sent, the display will show —01 —to indicate the error.

RS422/485 INTERFACE OPTION



MOUNTING GUID AND DIMENSIONS FOR RM-3 AND RM-6

