

***IR SERIES
REMOTE DISPLAY
OPERATION MANUAL***

MATKO
ELECTRONIC DISPLAYS

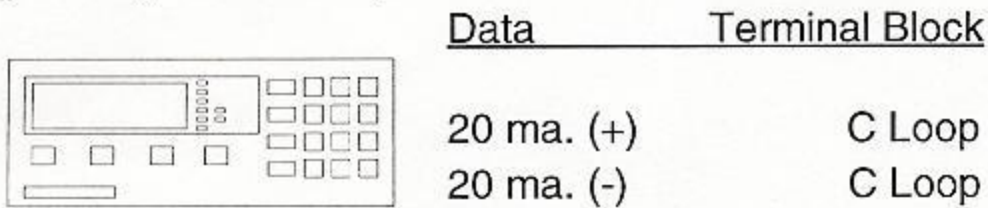
800 814 4053

SET UP PROCEDURE

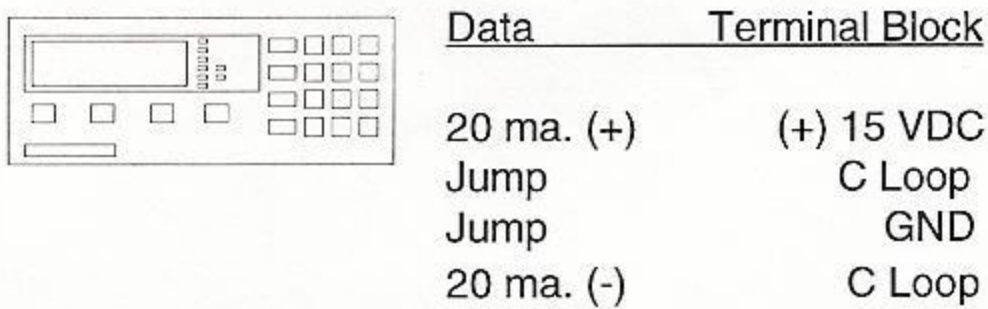
(For quick set up procedure, see page 2)

Wiring Configuration

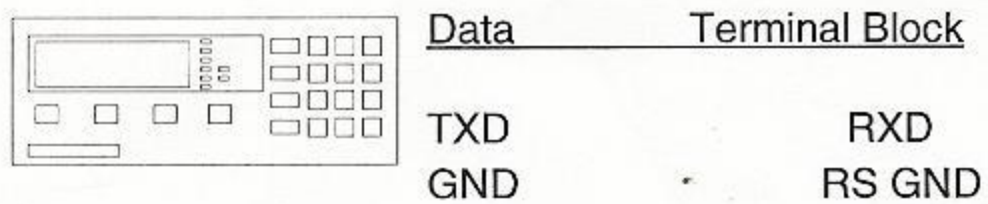
- Wire your scale indicator using the appropriate diagram
- **Indicators with Active 20 ma. output.**
Passive 20 ma. output -- most common (not polarity sensitive)



- **Indicators with Passive 20 ma. output.**
Active 20 ma. output (polarity sensitive)



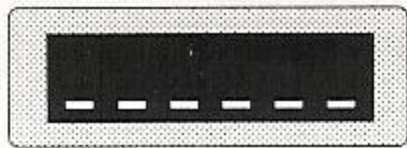
- **Indicators with RS232 Output.**



When wiring is complete the led will then flash indicating data being transmitted

Set Up Procedure

- Apply power to the scoreboard
- While it is counting down, depress the **learn** button (enabling configuration) until the scoreboard displays:



- Release the **learn** button and then depress it for 1 second

- The scoreboard will then scroll through a sequence configuring itself to the scale indicator
- The display will then stop scrolling and display a unique code

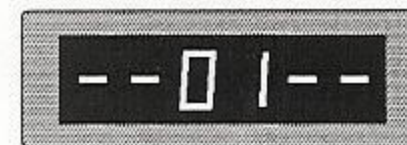


- The first digit represents the baud rate and the second number represents the data bits and polarity

1st Digit	2nd Digit
0 - 9600	0 - 7 databits/no parity
1 - 4800	1 - 8 databits/no parity
2 - 2400	2 - 7 databits/odd parity
3 - 1200	3 - 8 databits/odd parity
4 - 600	4 - 7 databits/even parity
5 - 300	5 - 8 databits/even parity

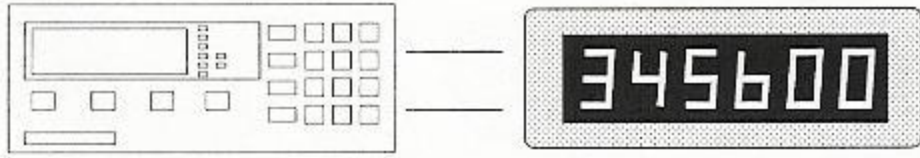
Write your code here for future reference

- If no data is being transmitted, the following error code will be displayed. (check transmitting device and wiring)



- Press the learn button to leave the configuration mode to enable the weight to be displayed

- Press the left or right button to shift the displayed data. ex. -- each time a button is pressed, the display shifts in that direction.



The configuration is now complete and stored in non-volatile memory.

Quick Set Up Procedure

- Wire display using wiring configuration diagrams
- Press the **learn** button during countdown
- Release and press the **learn** button for 1 second
- When scoreboard stops scrolling, press the **learn** button
- Shift the display **left** or **right** until weight is properly displayed