Options

To enter the options mode hold the LEFT button on startup. Once in Option Mode, LEFT increments option number, RIGHT adjusts the value of that option. LEARN exits the OPTION mode.

#	Name	Description for "ON" value
0	Reset	Resets all settings to factory defaults
1	Future op	---
2	Toledo/ Fairbanks	Decodes Toledo/Fairbanks status bytes
3	Cardinal	Decodes Cardinal data stream
4	SMA	Decodes Over capacity for SMA Output
5	No Blank	Retains last value sent
6	No Decimal	Strips decimal point (Off displays " ." for decimal points)
7	No Count Down	No count down on startup
8	No 0 Suppression	Does not suppress leading 0s
9	Alpha	Will display alpha characters
10	Mirror	Displays data to be seen in rearview mirror
11	Addressable	Selects the decimal value for an ASCII character byte
12	Time	Enables scoreboard to be a clock with additional hardware purchase
13	Future op	---
14	Fixed Baud	Choose a desired fixed baud rate
15	Fixed End Character	Choose a desired end character(EOT, LF, CR)
16	Minimum weight	Set the minimum weight to display
17	Maximum weight	Set the maximum weight to display
18	Motion	Display only updates when a 'm' or 'M' are **not** present in data stream
19	Test Mode	Used for testing the scoreboard's digits
20	Version	Displays the current software Version

Holding RIGHT during startup will enter into the intensity option. Choose "hi" or "lo" and press learn to save.

Trouble Shooting

Problem: The scoreboard displays "nodAtA". **Communication was lost**

Suggestion: Make sure the indicator port is enabled, the wiring is correct and the jumper is in the correct position

Problem: The scoreboard displays the incorrect digits.

Suggestion: Try shifting the data to the right or left

Suggestion: Lower the Baud rate

Set to Factory defaults:

Power up the unit while holding down the **LEFT** and **RIGHT** buttons during the countdown. At the end of the countdown, the scoreboard will be reset to factory defaults and begin countdown again. Factory defaults can also be obtained by turning **Option #0** on.

For further assistance contact us at the number below.

**Matko
800-814-4053**

Wiring Configuration

Connect the Scale indicator using the appropriate diagram.

Place the blue jumper in the center of the motherboard in the correct position for RS232, RS422, or 20 ma Current Loop.

Indicators with Active 20mA Output

Indicator	Scoreboard
+20 mA	CL(+)
-20 mA	CL(-)

Indicators with Passive 20 mA Output

Indicator	Scoreboard
+20 mA	+9 VDC
-20 mA	CL(+)
JUMP	CL(-)
JUMP	GROUND

Indicators with RS232 Output

Indicator	Scoreboard
TXD	RXD
GND	GROUND

Indicators with RS422 Output

Indicator	Scoreboard
422A (+)	RS422A
422B (-)	RS422B

The green light will turn on when the indicator's port is enabled, the display is powered on, the jumper is in the correct position and the wires are connected to the terminal block as described above.

The scoreboard will learn to the transmitting device when the learn button is pressed at the end of startup. It will display the baud rate and then display the first six characters in the data stream. Pressing the **LEFT** button will move the displayed stream to the left until the desired data can be seen on the Remote.