

# MANUAL

2.4GHz RF Wireless Transceiver



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ELECTRONIC DISPLAYS

## RF Exposure

**WARNING:** To satisfy FCC RF exposure requirements for mobile transmitting devices, a separation distance of 20 cm or more should be maintained between the antenna of this device and persons during device operation. To ensure compliance, operations at closer than this distance is not recommended. The antenna used for this transmitter must not be co-located in conjunction with any other antenna or transmitter.

## TXB Display Installation

For Optimal Range position both antennas in the vertical position (either up or down).

Connect the red wire (+12 VDC) to the truck battery positive and the black wire (Ground) to the truck battery ground. We recommend tying power directly to the battery power. An illuminated power switch is provided on the front of the TXB Display unit when the unit is powered on. Turn switch off when not in use to eliminate battery drain. A swivel mounting bracket is provided for roof or dash mounting.

## TXB Transmitter Power

Power to the TXB Transmitter may be supplied either the supplied +9 Volt brick power supply or by 4 internal AA batteries. When either power source is selected, the red PWR LED will be illuminated.

## TXB Transmitter Wiring

	Indicator	TXB Transmitter
<b>PASSIVE</b> [ CL(-) CL(+) <b>RS422B(-)</b> <b>RS422A(+)</b>	RS232	TXD Ground
	RS422	TX422A TX422B
<b>ACTIVE</b> [ CL(+) CL(-) <b>RXD</b> <b>GND</b> <b>TXD</b>	Active CLoop	TX CL (+) TX CL (-)
	*Passive CLoop	TX CL (+) TX CL (-)
		RXD GND
		422A (+) 422B (-)
		CL (+) active CL (-) active
		CL (+) passive CL (-) passive

\*Passive Current Loop requires the use of the provided 9 VDC brick power supply. Battery operation will not work.

Wire the Transmitter to the scale indicator with a port enabled to transmit continuously. When properly wired the corresponding LED (RS232, CLOOP, or RS422) will blink with each data transmission.

## TXB Transmitter Operation





For Optimal Range position both antennas in the vertical position (either up or down) and place the Transmitter in direct line of sight or near a window whenever possible.

Upon power up and active data transmissions the TXB transmitter will automatically determine the indicators baud rate. The corresponding baud rate LED will illuminate when it is selected.

## TXB Receiver Operation

The Receiver will display "NoData" until data is continuously sent by the Transmitter.

Initial wireless communication may take up to 30 seconds from the time both the transmitter and receiver power up.

 <b>LEFT</b>	Shift Data to the Left
 <b>RIGHT</b>	Shift Data to the Right
 <b>POSITION</b>	Display the current position in the data stream. 0 is the beginning of the data stream. Each shift to the left adds one to the position.
 <b>LEARN</b>	Auto shift the display to show the current weight

Hold the desired button until the Display shows a visual response. LEFT and RIGHT will cause the weight to scroll from side to side. POSITION will cause the Display to show "Pos XX" with XX being the current shift value. And LEARN will show "Learn" then show the weight. An audio response is also associated with each button. LEFT and RIGHT have long/slow beeps, POSITION has a constant beep and LEARN has short/fast beeps.