

## RL250 Calibration

I've copied the instruction manuals steps for calibration in the X-axis

### **Upright Position Calibration – X axis**

Keep the unit in its current position. Power OFF the unit.

1. Power ON the unit while holding the **MANUAL** button down. You will know if Calibration Mode is activated when the **MANUAL** and **ADS** LEDs flash alternately.
2. The **MANUAL** and **ADS** buttons change the x-axis increments. The **MANUAL** button will produce a positive (+) increment.
3. The **CW** and **CCW** buttons change the y-axis increments. The **CW** button will produce a positive (+) increment.
4. You must raise or lower the beam to centre between points A and B on the target. The instrument will react to "+" and "-" input within the X+ quadrant, with each single increment moving the beam approximately  $\pm 0.8\text{mm}$  at 30 m (1/32" at 100'). The instrument **DOES NOT** react to adjustments until the instrument is forced to re-level (i.e. rotate and re-check point A). If B is below A, increase the increment (+). If B is above A, decrease the increment (-).
5. The adjustments are automatically saved. You must now repeat the peg test to ensure you have made the correct calibration. A peg test can be done in Calibration Mode with a detector.