

Lebow[®] Products Inc.

QUICKSTART MANUAL MODEL 7558



Lebow[®] Products Inc.
1728 Mapelawn Drive
Troy, Michigan 48084
1-800-803-0386
www.lebow.com

QUICKSTART FOR 7558

CALIBRATION PROCEDURE.

- 1) Power unit on and allow a 10-15 minute warm-up period.
- 2) Install the supplied or required shunt resistor to pins “3 & 10”.
- 3) Make sure the load cell and indicator have the proper connections.
- 4) Verify there is no load being applied to the sensor at this time. If you are performing a static cal, please continue, if you are performing a shunt calibration, please begin on line (21).
- 5) Depressing the **PAR** key allows the user to enter into the program mode, and also allows you to advance to the next parameter.
- 6) The **FI** and **F2** keys are used to scroll through the parameters.
- 7) To enter the **INP-PARAMETER** depress the **PAR** key.
- 8) Using the arrow keys will allow you to display the input **RANGE**.
- 9) The selection in this parameter is critical. Please select the input range that corresponds to the external signal using the arrow keys:

<u>Selection</u>	<u>Range resolution</u>
0.02uv	+/- 24 mV
0.2uv	+/- 240 mV

NOTE: Internal jumpers must match

- 10) Depress the **PAR** key, this will advance to **dECPt**, select the decimal point at this time.
- 11) Depress the **PAR** key, this will advance to **round**, this parameter changes the count by of the display.
- 12) Depress the **PAR** key, this will advance to **FILtr**, this is a digital filter, which is used to steady input display.
- 13) Depress the **PAR** key, this will advance to **bANd**, this will set the count by for the display.
- 14) Depress the **PAR** key, this will advance to **PtS**, this will set the scaling points, normally the calibration is acquired with a **two point** calibration, unless the linearity is a factor.

- 15) Depress the **PAR** key, this will advance to **StYLE**, this function allows you to scale the actual input. Choose **APLY** for actual static loading.
- 16) Depress the **PAR** key, this will advance to **INP1**, this function displays the live zero input with no load applied.
- 17) Depress the **PAR** key, this will advance to **dSP1**, enter the corresponding zero display value. The decimal point follows the **dECPt** selection.
- 18) Depress the **PAR** key, this will advance to **INP2**, apply the known full scale load at this time. This will display the mV/V reading at full scale. (Follow the same procedure if using more than two scaling points).
- 19) Depress the **PAR** key, this will advance to **dSP2**, enter the corresponding full scale display value. (Follow the same procedure if using more than two scaling points).
- 20) Depress the **PAR** key twice to exit and save.

SHUNT CALIBRATION METHOD

- 21) Follow or repeat same steps (1-14). Remember to keep the shunt toggle switch in the middle neutral position.
- 22) Depress the **PAR** key, this will advance to **StYLE**, this function allows you to scale the actual input. Choose **APLY**, for the shunt method. This will allow for the user to enter the known input values. Depress the **PAR** key, this will advance to **INP1**, this function displays the live zero input with no load applied.
- 23) Depress the **PAR** key, this will advance to **dSP1**, enter the corresponding zero display value. The decimal point follows the **dECPt** selection.
- 24) Depress the **PAR** key; this will advance to **INP2**, toggle the shunt calibration switch to the direction in, which you are calibrating. (Up for a positive shunt, down for a negative shunt). This will display the mV/V reading at the shunt scale. (Follow the same procedure if using more than two scaling points).
- 25) Depress the **PAR** key, this will advance to **dSP2**, enter the corresponding shunt scale display value. (Follow the same procedure if using more than two scaling points).
- 26) Depress the **PAR** key twice to exit and save.