To setup the single rail system:

1. If necessary, adjust the feet on the bases so each upright is straight up and down.

2. Align the scope rail parallel with the sand pit keeping each side within ±1" of each other. This does not have to be perfect. With a 21' rail, having a 6" difference will cause only a 1/12" difference, or about 2mm.

3. Mark any point in the pit with the stake and use a tape measure to take a measurement.

4. Align the laser on the rail to direct its beam in the center of the white line on the stake. Once it is aligned, step back from the rail.

5. Record the distance with the Leica DISTO™ A5 laser. See pg 10 for how to take a measurement.

6. Take the difference between the laser measurement and the actual measurement and program that into the offset. See pg 11 for how to enter an offset.

7. Repeat steps 3 - 5 at a different marked point to confirm that the measurements are accurate.

If you wish to change the unit of measurement see page 12.
To operate the LJ TJ Laser Measuring Device:

1. Once the athlete has exited the pit, insert the stake into the sand. Make sure the stake is placed so it is inside the depression made by the jumper, rather than in front of the depression. The flat plate should face the rail.

2. Slide the scope carriage down the rail until its beam is in the center of the white line on the stake. Once it is aligned, step back from the rail.

3. Record the distance with the Leica Disto™ A5 laser.
To set up for use of this unit with two boards:
1. Make sure the measurement reference is set to the back end of the laser by checking the icon on the screen (if it is not set to measure from the back, turn the unit off and then back on—it will measure from the back by default).
2. Align the back end of the Leica DISTO™ D5 laser with the foul line on one of the boards (Board #1).
3. Place an object (such as a clip board) at the foul line of the other board (Board #2).
4. Make sure that there is no offset programmed before measuring between the boards. See pg 11 for more information on setting or clearing an offset.
5. Measure the distance with the laser.
6. Press and hold the “Storage” key until the unit beeps.
7. Now that the offset between the boards is set, set up the entire unit for use measuring from Board #1.

To measure jumps from Board #1:
1. Use the standard measurement procedure. See pg 7.

To measure from Board #2:
1. Take the measurement as if measuring from Board #1.
2. Press the “+” Key to add a number to the measurement.
3. Press the “Storage” Key to pull up the stored distance between the boards.
4. Press the “=” Key to confirm the use of the stored number.
5. Press the “=” Key again to confirm addition of the two measurements.
The Leica Disto™ A5 laser has many functions, many of which serve no purpose for the E73730 Laser Measuring Device. This manual addresses the functions associated with the E73730 Laser Measuring Device. To learn more about the functions not associated with our equipment, consult the Leica Disto™ D5 laser manual.

To turn the unit on:
Press the “On/Dist” key

To turn the unit off:
Press and hold the “Clear/Off” key
1. To turn the Leica DISTO™ D5 laser on, press the "On/Off" button.

2. The laser screen will display three hashes, signifying the laser is on.

3. Press the "On/Off" button again to take the measurement.

4. Press the "On/Off" button again to reset the laser but keep the measurement on screen.

5. Press the "On/Off" button again to record the next measurement.

6. If you continue to take measurements by pressing the "On/Off" button and do not press the "Clear/Off" key in between, the device will display the previous 3 measurements taken.

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1. To program an offset into the Leica DISTO™ D5 laser, press and hold the "Menu" button down until the menu displays.

3. The screen will then display the current offset.

4. To change the offset, press the "+" and "-" buttons until the desired offset is reached. Press and hold the "=" button until it beeps to save the offset.

2. Press "+" or "-" to scroll through the menu to offset and press the "=" button.

5. Now when a measurement is taken, the offset programmed in will automatically be added to the measurement.

NOTE: The offset does not clear when the laser is turned on and off. The only way to clear it is to go into the menu under offset and set it back to 0.00 or you can go into the menu under reset and it will clear all the settings, including the offset.
1. To change the unit of measurement, press and hold the "Meru" button. Press "+" or "-" to navigate to the units.

2. Press the "=" key, and the current style of measurement will be highlighted between red lines. Use the "+" and "-" keys to change it. Press and hold the "=" key to store your selection.

NOTE: There are several unit options, however you will use two: 0'00" 1/32 for English or 0.000m for Metric. Because the rule requires measurements to be rounded down, do not use the 0.00m setting, as it will round up. Instead just ignore the final digit on the 0.000m setting.