

Leica Disto X4 for Pole Vault and High Jump over 1.5M

The Leica Disto is a powerful measuring tool that makes setting the crossbar easy and accurate. The following will guide you through the set up and use of the Leica Disto.



The offset is to be used when using the Measuring Stick. The amount of offset is the height of the stick plus the diameter of the crossbar. To determine the offset distance, lay the crossbar on the apron, butt one end of the measuring stick to the crossbar and measure the distance from the outside of the crossbar to the other end of the measuring stick. Let's say the measurement is 1.328m.

To Set the "Offset" for PV/HJ using the Measuring Stick, do the following:



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Push “=”

The +/- buttons moves the arrows to different numbers

The magnifying glass and bottom button change the values



After you have installed the offset, in this case +01.328,

Push the button under the check mark



Push the button under “Func”

Then push “ON/DIST” and your ready to measure



Suggested way to setup for HJ/PV and to measure with and without the Measuring Stick:

1. After the standards are set so they are in the right location and vertical, place the crossbar at 0.5M.
2. Take a plumb bob and hang it off the front of the crossbar and in the middle where you'll measure from.
3. Under the plumb bob place a piece of tape, (5cm long) so 2cm is sticking out front. Mark the tape where the plumb bob touches the tape.
4. Move the crossbar up to 1.5M and repeat the process. The plumb bob should hit the mark. If not, then the standards aren't vertical.
5. To measure using the Measuring Stick, place the base of it on the tape behind the mark and focus the laser/camera on the bottom of the crossbar. Zoom in or out then press “ON/DIST”
6. To measure without the Measuring Stick, set the offset to 0.000, flip out the right-angle piece on the back and place it lightly on the crossbar. Focus on the tape in front of the line and press “ON/DIST”