

LT-10 INSTRUCTIONS



The LT-10 comes with a vertical laser enhancement that allows the instrument to be operated by a single user. Operation of instrument is the same as a normal theodolite and time should be taken to read the manual before use.

The laser is electronically calibrated to the vertical crosshairs of the eyepiece. With the toggle switch facing the user the unit will emit a laser beam along the crosshair axis away from the user. To operate the laser simply turn laser on with the toggle switch and align your target with the vertical crosshairs. This laser allows for any rotating laser receiver to pick up the laser light and gives the user the proper vertical alignment in regards to the vertical crosshairs. User should periodically check to ensure cross hairs have not moved.

Checking of calibration:

To check units laser calibration simply place a receiver at 100' to pick up the vertical laser light. Using the Telescope eyepiece adjust the focus until the receiver can clearly be seen. Turning on the laser the user should now be able to see the ongrade of the receiver (+/-1mm or 1/16"). If calibration is off -- return unit to a certified calibration centre.

Laser Safety

-The use of controls, adjustments, or the performance of procedures other than those specified herein may result in hazardous radiation exposure.



-Do Not stare into the laser beams.

-Do Not disassemble the instrument or attempt to perform any internal servicing. Repair and servicing of this laser are to be performed only by a Futura authorized service centre.

Laser Classification:

The LT-10 laser is classified as a class 3R Laser Product (2.5mW max @ 635-670nm) and also complies with all applicable portions of title 21 of the Code of Federal Regulations set by the Department of Health, Education, and Welfare, The Food and Drug Administration, the Centre for Devices, and the Bureau of Radiological Health.



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