

## **LS-6 Rotary Laser Receiver (Detector) Instruction Manual**

The LS-6 is an extremely sensitive electronic device used to detect rotary laser signals; primarily for use outdoors, in bright ambient conditions. It is recommended that your rotary laser is set to rotate at its MAX speed when used with this outdoor receiver.

NB. For INDOOR use, the rotary laser level does not normally require a receiver & the rotary speed should be adjusted to a slow setting for you to see the beam by eye.

### LS-6 Set-up

- Insert a 9v (PP3) battery. Check the battery is inserted correctly according to +/- polarity. Failure to insert the battery correctly will NOT result in instrument damage.
- If the LS-6 fails to operate correctly, replace the battery. (Or contact us, tel no. below)
- The instrument has a 10-minute Auto shut-off timer, to conserve battery power.

### Operation

- Operate the ON/OFF switch. On the display, a central bar indicates set point LEVEL. Arrows UP or DOWN gives indication of the way to move the instrument to find set point. Note also, the LEVEL position marked by a "notch" on the instrument body.
- To adjust the sensitivity setting:
  - Fine +/- 1mm or Coarse +/- 2mm. Set as appropriate for the work being done.
- Audible alert:  
On high, On low or Off to suit operating conditions.
- LCD Back light: On/Off – for use in low ambient light conditions
- **IN USE, SHADE THE RECEIVER FROM DIRECT SUNLIGHT – for reliable leveling.**

### Staff mounting bracket

- A staff Mounting bracket & battery are included in the kit.
- Attach the LS-6 receiver to its staff mounting bracket.
- Ensure the pin of the bracket is inserted in the rear of the receiver.
- Tighten instrument clamping screw.
- Next mount bracket with LS-6 onto the staff and carefully adjust clamp.
- We recommend you use the mm scale on the staff & not the E designation face.
- **DO NOT OVER-TIGHTEN** the clamp screw.

### Optional Extras:

- Aluminium 3/4/5 section measuring staff with rear mm scale & front "E" markings.
- Surveying tripods.

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