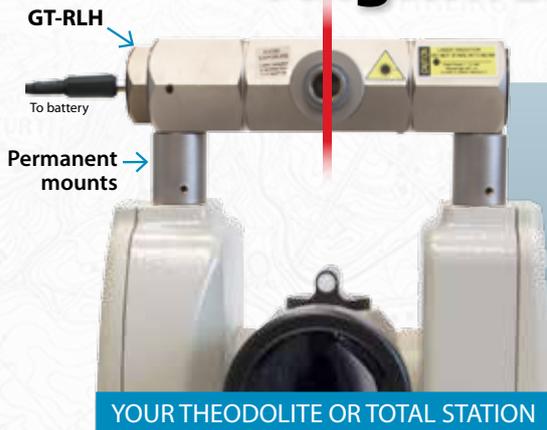


# RETROFIT ROTATIONAL LASER HOUSING

MADE IN AUSTRALIA

Model **GT-RLH**

**Already own a Theodolite or Total Station?**  
Simply add-on our Rotational Laser Module to any brand, now you have a **"one person"** Alignment Layout Instrument



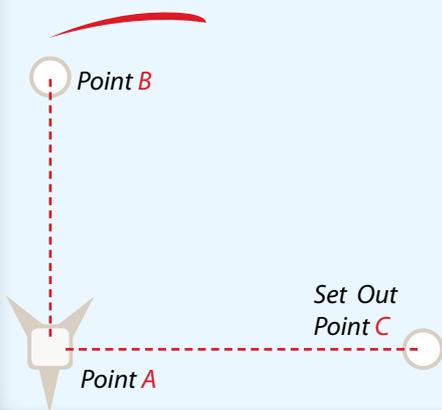
We can mount the **GT-RLH** (red) rotational laser to 99% of all **NEW** or **Existing Brands** of instruments

### Accurate Horizontal Alignment of -

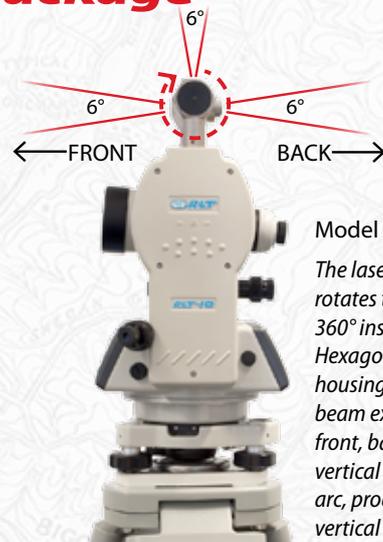
- Right angle building set out
- Fence posts, plantation layout
- Pipe laying & trenching
- Conveyor belts
- Vineyard pole placement
- Erection of vertical walls

**OR we can provide the total package**

### One person set out - has never been easier



- Set up over point 'A'
- Place peg in ground at Point 'B' parallel to boundary or offset to slab
- Return to point 'A'
- Sight to point 'B' through telescope and zero the Horizontal Circle
- Turn 90° towards point 'C'
- Turn ON the rotational laser above theodolite
- Take **'your receiver'**, to point 'C' turn it to Horizontal position, catch the vert beam and place peg at point 'C'.



Model **GT-RLH**

The laser beam rotates through 360° inside the Hexagonal brass housing - the beam exits front, back and vertical at a 6° arc, producing a vertical line.



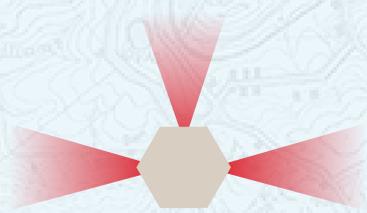
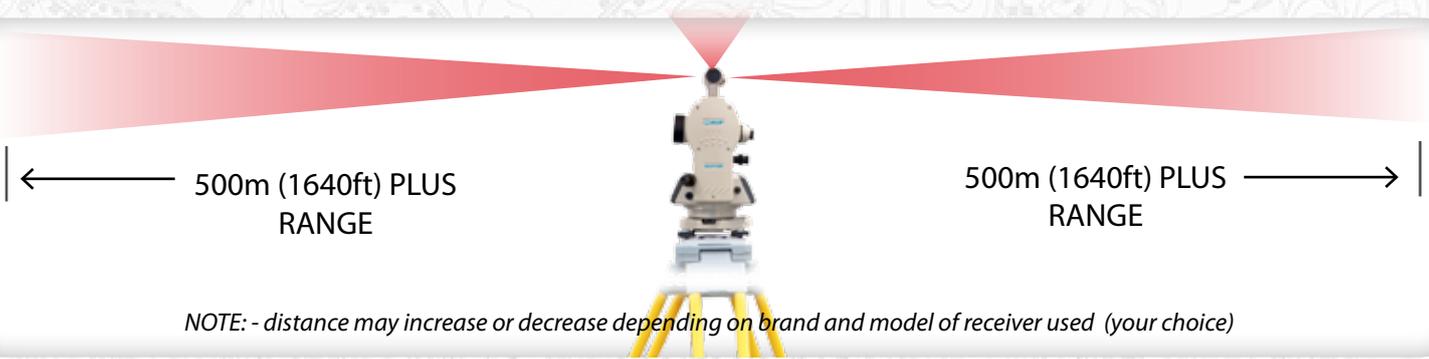
We retrofit the RLH housing onto the standards (handle) of your existing Theodolite or Total Station. It becomes a permanent fixture of your instrument. The vertical RED laser line is then collimated to match the vertical cross hair within your Instrument.



Once aligned at our service centre, the operator can field adjust from time to time (if necessary) You now have your ONE person set out Instrument just ADD a Receiver (in the horizontal position). Easy to follow user manual provided.

# New Feature - Plumb Vertical Beam

Laser beam is pulsed and detected by your receiver



Specifications:

## Rotational Laser Housing

- Vertical rotational red laser (635nm) housed in a solid brass hexagon and tough corrosion resistant nickel plating
- The vertical laser line (6° divergence) is emitted from the front, back and vertical of the housing detected by your receiver
- Range one way is 500m + depending on your laser receiver
- Rotational speed 10Hz • Class 2 Laser
- Max power 4mW • Laser cuts off if rotation stops
- Sun shade included - deflects direct sun - temp up to 45°C (113°F)
- Calibration manual



## What's Included

- Fitting to your Theodolite or Total Station
- Brass - Nickel plated hex housing + mounts
- Tripod clip on battery
- Battery cable
- Sun hood
- Calibration manual



GT-4AA gives 40 hours usage. Clips onto tripod leg



Typical set up

Authorised Dealer



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