Receiver Light Box

TWO MODELS: **GT-RLB-L** & **GT-RLB-S** (L = Long Range S = Standard)

Model GT-RLB-L showing Vertical laser beam

Horizontal Alignment Receiver

– one person operation

Visual Long Range Light Box - Using YOUR Laser

Long Range model - up to 460m (1500ft)
(Subject to weather conditions & laser used)

Applications:

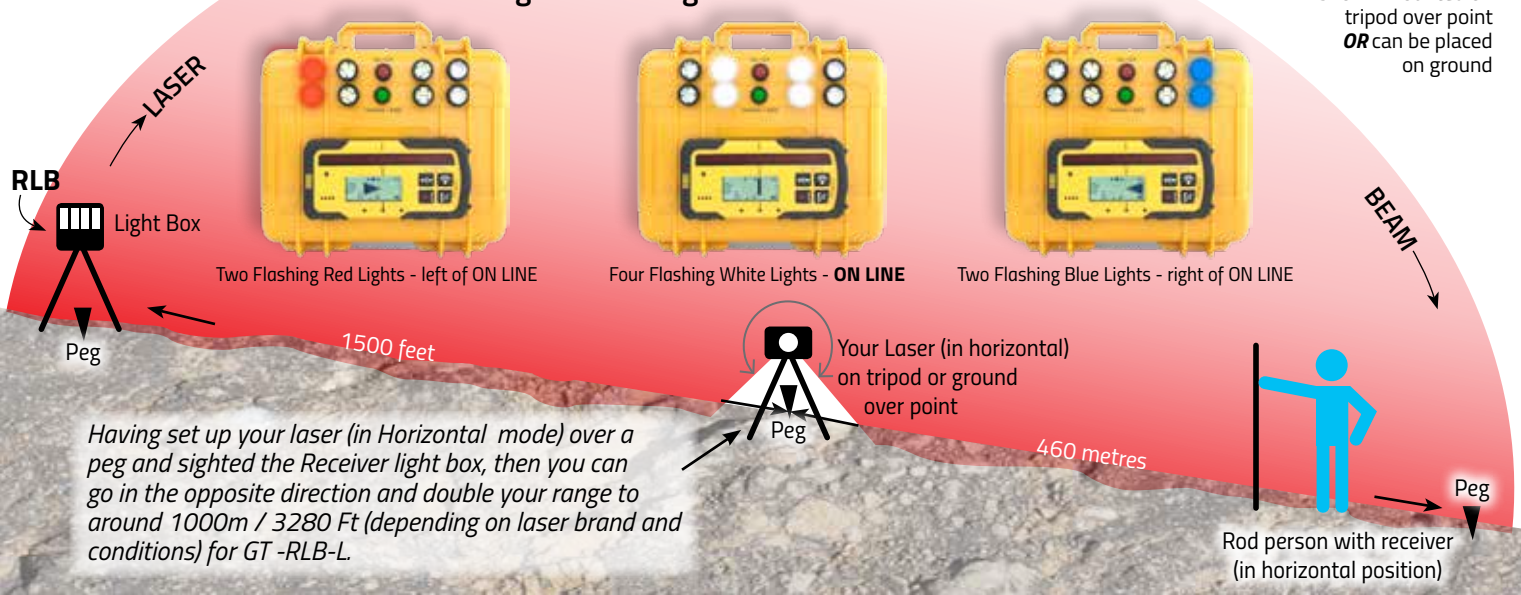
- **Fence post/hole alignment**
- **Vineyard layouts**
- **Pipe laying**

Shown mounted on tripod over point ***OR*** can be placed on ground

Features (RLB) Visual Line of sight

- **One Person Operation**
- Ruggardized Case (ip54) with our integrated Heavy duty receiver and internal rechargeable 12 Volt Battery.
- The base incorporates a solid Aluminum block with a female 5/8 11 tripod thread.
- Long Life rechargeable standard Lead Acid (SLA) 12 Volt battery. includes recharger.
- Ultra Bright Luxmed round LED's
- The rugged inbuilt Laser Receiver- Range up to 460m (1500ft) depending on your brand of rotational red beam laser being used and the weather condition. A large detection window of around 127mm or 5 inches plus multi accuracy settings (dead Bands) allowing more accurate ALIGMENT over short to very long distances.. Reception angle around 45deg. This is a high end Receiver and has stood the test of time.
- Size 254 x 280 x 178 deep

Lights showing laser beam strikes



Having set up your laser (in Horizontal mode) over a peg and sighted the Receiver light box, then you can go in the opposite direction and double your range to around 1000m / 3280 Ft (depending on laser brand and conditions) for GT -RLB-L.

Receiver Light Box

GT-RLB-L (up to 500 metres) *OR* GT-RLB-S (up to 300 metres)

Aluminium base 5/8 x 11 female thread

Mounted on Optional Tribrach and adaptor

User Operation for either model

1. Set the Receiver Light Box **(RLB)** over the end point (on the ground on the peg *OR* set up using a Tripod and tribrach over the peg)
2. Walk back to YOUR Rotational LASER and set over ground point (in its Horizontal position) either on the ground with a mounting adapter or on a Tripod (to obtain mazimum distance set up in the middle See example below).
3. Once the laser is producing a Vertical rotational beam, using the slow motion screws on the laser base move the beam onto the Light Box until the *FOUR Flashing WHITE* lights are illuminated. You are now aligned.
4. Using your hand receiver or a machine receiver in the Horizontal position proceed towards OR away and listen to which way the arrows are moving for you to be "ON LINE". See the manual for all the details.

It is suggested by our customers that the use of a small pair of Binoculars is helpful on Bright Sunny days for distances over 300m to see the Lights on the RECEIVER LIGHT BOX.

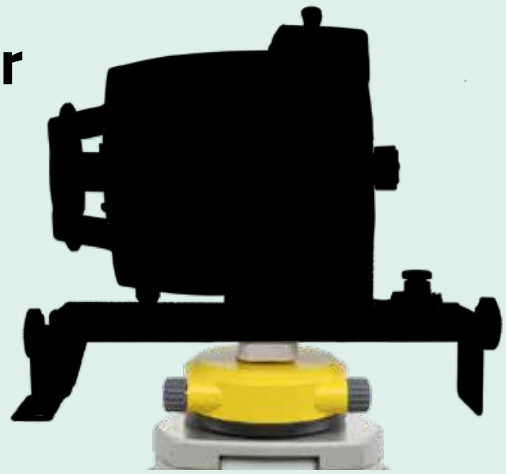
Model GT-RLB-S (standard)

There is no external difference between the model GT-RLB-L and the – S except for the lower priced receiver and the distance over which it can be used. The wide detection band is the same but features differ. The GT-RLB -S has been tested in the range of 250m to 300m(820 to 980 ft) depending on conditions

Box size and weight are the same as RLB-L. See charging port on side.

Setting up your Laser

When mounting your laser in its lay down position on a tripod, suggest that a Rotational slow motion based (with inbuilt continuous knobs) be used on the tripod head to make it easy to place the vertical laser beam in the middle of the RLB over longer distance to light up the 4 White lights, we are also using an optical plummet tribrach and rotational base.



Your Laser mounted in Horizonal position.

This is similar to but showing the laser extended to the outside of the tripod to place the laser beam over a ground point as too align to the end point where the RLB is set up.

AUTHORISED RESELLER

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