

# Laserglow Product Datasheet

## Horizon Series Horizon Series Self-Levelling Alignment Laser

**Laserglow Part Number:**  
**BALR2XXXX**

### Similar Products:

For information about the other lasers in this product family visit:

<http://www.laserglow.com/BAL>

### Ordering:

Order Online Now or Request Quote:

<http://www.laserglow.com/BALR2XXXX>



### Overview:

The Horizon Red Standard 2 Line Laser - BALR2 is a laser level emitting a two-line red cross which is ideal for short and mid-range interior horizontal and vertical layout tasks. The BALR2 self levels quickly & accurately; giving a fine, red laser cross - ideal for setting-out tasks. Both beams can be switched On & Off independently. This model comes in a special kit with an adjustable tripod and a wall-mount.

### Key Features:

- **Starting at: \$149**
- **Output Color:** Red
- **Expected Life:** 10000 hours
- **Projection Type (dot/line/cross):** Cross
- **Key Feature:** Projects red self-levelling lines for high precision interior applications.
- **Minimum achievable line thickness:** 0.25 mm at 30 cm
- **Package Includes:** Self-levelling laser with carrying case, wall-mount, and adjustable tripod with a maximum extended height of 0.65m

### How It Works:

- The BALR2 laser level is a dual line output, self levelling instrument which generates bright visible red Laser Lines in the form of a Cross.
- Both laser beams can be switched ON or Off either independently, or used together.
- It self-aligns via a pendulum levelling system.
- When not within self-levelling range, the BALR2 indicates by flashing the laser beams. Once level, the line goes solid.
- The horizontal and vertical lines together produce a 90 degree cross (less than 1.0 % deviation).
- Minimum usable distance 1 meter

### Common Applications:

Wall or ceiling Tiling, Stud wall & partitioning, Kitchen & bedroom unit installations, all Fitting & refurbishment work, Electrical sockets, switches & lighting, Shelving systems & many others.

## Specifications:

This spec sheet has been generated specifically for part number BALR2XXXX, per your request, and data for the entire series is also displayed for your reference. The specs which are specific to BALR2XXXX have been highlighted below in **red + bold**.

Number of Vertical Lines			4	<b>1</b>	4	4
Number of Horizontal Lines	1	1	4	<b>1</b>	1	4
Accuracy	+/- 1.0mm / 10M	+/- 1.0mm / 10M	+/- 1.0mm / 10M	<b>+/- 1.0mm / 5M</b>	+/- 1.0mm / 5M	+/- 1.0mm / 10M
Projection Angle (°)	360 degree scan (horizontal or vertical)	360 degree scan (horizontal or vertical)		<b>Horizontal &gt;100 Vertical &gt;120</b>	Horizontal >100 Vertical >120	
Self-leveling range (°)	+/- 5	+/- 5	+/- 3.5	<b>+/- 3</b>	+/- 3	+/- 3.5
Plumb Dot	Yes	Yes	Yes		Yes	Yes
Overhead Dot	Yes	Yes				
Receiver Compatible	Yes	Yes			Yes	
Water Resistant	Yes	Yes				
Carrying Case Included	Yes	Yes	Yes	<b>Yes</b>	Yes	Yes
Can Run on AC Power	Yes	Yes	Yes			Yes
Tripod/Bracket Thread	5/8"-11	5/8"-11	5/8"-11	<b>5/8"-11</b>	5/8"-11	5/8"-11
Output Power (mW)	<5	<5	>10	<b>&gt;10</b>	>10	>10
IEC Safety Class	3R	3R	2M	<b>2M</b>	2M	2M
Standard Warranty (months)	6	6	6	<b>6</b>	6	6
MTTF (operational hours)	10000	10000	10000	<b>10000</b>	10000	10000
Power Source	4x C batteries	4x C batteries		<b>2x AA batteries</b>	4x AA batteries	4x AA batteries
Battery Life	12 hours	12 hours	24 hours	<b>12 hours</b>	12 hours	12 hours
Weight of Product or Laser Head (kg)	2	2	1.61	<b>0.45</b>	0.95	1.61
Dimensions of Product or Laser Head (mm)	160 (l) x 160 (w) x 185 (h)	160 (l) x 160 (w) x 185 (h)	160 (l) x 140 (w) x 220 (h)	<b>92 (l) x 92 (w) x 130 (h)</b>	116 (l) x 124 (w) x 170 (h)	160 (l) x 140 (w) x 220 (h)
Power Supply	4 x AA batteries, 4 x C Batteries, 7.4 V 3100 mAh Li-ion Battery Pack	4 x AA batteries, 4 x C Batteries, 7.4 V 3100 mAh Li-ion Battery Pack	4 x AA batteries, 4 x C Batteries, 7.4 V 3100 mAh Li-ion Battery Pack	<b>4 x AA batteries, 4 x C Batteries, 7.4 V 3100 mAh Li-ion Battery Pack</b>	4 x AA batteries, 4 x C Batteries, 7.4 V 3100 mAh Li-ion Battery Pack	4 x AA batteries, 4 x C Batteries, 7.4 V 3100 mAh Li-ion Battery Pack

### Power Supply Options:

The Horizon series of self-levelling alignment lasers are battery-operated. The BALR2 requires two alkaline or Ni-MH AA batteries. The BALR5 requires four alkaline or Ni-MH AA batteries. The BALG5 includes a rechargeable 4000 mAh lithium-ion battery pack, which is recharged via an included microUSB cable and wall adaptor. The BALG5 can also run on four alkaline or Ni-MH AA batteries.


### Regulatory Classification:

The model you have selected (BALR2XXXX) requires the following safety label(s):



**Accessories:**

The most popular accessories for model BALR2XXXX are shown below. For additional details regarding these or other accessories please see our website or contact us directly.

Part Number	Description	
 ATP006XXX	1.2 Meter Elevator Tripod 5/8-11 Thread For Horizon Laser Levels Full Details: <a href="http://www.laserglow.com/ATP">www.laserglow.com/ATP</a>	
Image Coming Soon!  ARLMSXXX	Magnetic Support for Laser Levels Full Details: <a href="http://www.laserglow.com/ARL">www.laserglow.com/ARL</a>	Included With Laser

**FOR MORE INFORMATION PLEASE CONTACT:**

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E&OE: Data included in this sheet may be subject to change without notice.

Please confirm critical specifications with our staff prior to ordering.