

# Laserglow Product Datasheet

Laserglow Technologies™  
**H O R I Z O N**

## Horizon Series Horizon Series Self-Levelling Alignment Laser



### 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 BAL-BA1, per your request, and data for the entire series is also displayed for your reference. The specs which are specific to BAL-BA1 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 (BAL-BA1) requires the following safety label(s):



**Accessories:**

The most popular accessories for model BAL-BA1 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.