

## Horizon Series Horizon Series Self-Levelling Alignment Laser

**Laserglow Part Number: BALR8XXXX**

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### Overview:

The Horizon Red Pro 8 Line Laser - BALR8 is an accurate, self levelling instrument which generates bright, visible red (thin) lines. There are 4 horizontal lines for 360 degree coverage, 4 vertical lines which create an overhead cross and a downward pointing dot displaying plumb. The horizontal & vertical lines can be switched ON/Off independently or all used together. This model is ideal for indoor use and can also be used outdoors with the included receiver.

### Key Features:

- *Starting at: \$549*
- *Output Color: Red*
- *Expected Life: 10000 hours*
- *Projection Type: 4 Vertical, 4 Horizontal, 1 plumb dot - 4V4H1D*
- *Key Feature: Projects red self-levelling lines for high precision applications.*
- *Minimum achievable line thickness: 0.25 mm at 30 cm*
- *Package Includes: Self-levelling laser with carrying case, wall-mount, magnetic ceiling target and receiver.*

### How It Works:

- The Multi-Line Horizon Series BALR8 is a multi-featured Cross Line Laser suitable for both Indoor & Outdoor use.
- To enable it to operate Outdoors, the pulsed output setting and included laser receiver allow good visibility.
- The BALR8 has an electromechanical levelling system for maximum accuracy.
- When not in self-level range, the BALR8 indicates by flashing the laser beams On & Off. Once within level range, the unit will stop flashing.
- The Laser has 4 horizontal & 4 vertical lines with one downward plumb dot, where the 4 vertical lines cross above.
- With a smooth horizontal rotating mechanism and fine adjustment knob for convenience, the base enables you to set vertical line positions with ease.
- The Receiver is essential for outdoor use, but it can also be used indoors in bright conditions or where long range is required.

### Common Applications:

Carpentry, Electrical sockets, switches & lighting, Suspended Ceiling Construction, Foundations leveling, Kitchens and Bedroom fittings, Machinery installation, Painting & Decorating, Partitioning, Shelving, Shopfitting, Stud walls, Tiling, and Bi-fold Doors installation.

## Specifications:

This spec sheet has been generated specifically for part number BALR8XXXX, per your request, and data for the entire series is also displayed for your reference. The specs which are specific to BALR8XXXX have been highlighted below in **red + bold**.

Product	BALGR	BALRR	BALR2	BALR5	BALG5	<b>BALR8</b>	BALG8
Output Color	Green (High Visibility)	Red	Red	Red	Green (High Visibility)	<b>Red</b>	Green (High Visibility)
Number of Vertical Lines			1	4	4	<b>4</b>	4
Number of Horizontal Lines	1	1	1	1	1	<b>4</b>	4
Accuracy	+/- 1.0mm / 10M	+/- 1.0mm / 10M	+/- 1.0mm / 5M	+/- 1.0mm / 5M	+/- 1.0mm / 5M	<b>+/- 1.0mm / 10M</b>	+/- 1.0mm / 10M
Projection Angle ( )	360 degree scan (horizontal or vertical)	360 degree scan (horizontal or vertical)	Horizontal >100 Vertical >120	Horizontal >100 Vertical >120	Horizontal >100 Vertical >120	<b>Horizontal 360 Vertical &gt;120</b>	Horizontal 360 Vertical >120
Self-leveling range ( )	+/- 5	+/- 5	+/- 3	+/- 3	+/- 3	<b>+/- 3.5</b>	+/- 3.5
Plumb Dot	Yes	Yes		Yes	Yes	<b>Yes</b>	Yes
Plumb Dot Color	Red	Red		Red	Red	<b>Red</b>	Red
Overhead Dot	Yes	Yes					
Overhead Dot Color	Green	Red					
Receiver Compatible	Yes	Yes		Yes	Yes		
Water Resistant	Yes	Yes					
Carrying Case Included	Yes	Yes	Yes	Yes	Yes	<b>Yes</b>	Yes
Can Run on AC Power	Yes	Yes				<b>Yes</b>	Yes
Tripod/Bracket Thread	5/8"-11	5/8"-11	5/8"-11	5/8"-11	5/8"-11	<b>5/8"-11</b>	5/8"-11
Output Power (mW)	<5	<5	>10	>10	>10	<b>&gt;10</b>	>10
IEC Safety Class	3R	3R	2M	2M	2M	<b>2M</b>	2M
Standard Warranty (months)	6	6	6	6	6	<b>6</b>	6
MTTF (operational hours)	10000	10000	10000	10000	10000	<b>10000</b>	10000
Power Source	4x C batteries	4x C batteries	2x AA batteries	4x AA batteries	Rechargeable battery pack or 4x AA batteries	<b>4x AA batteries</b>	Rechargeable battery pack
Battery Life	12 hours	12 hours	12 hours	12 hours	24 hours	<b>12 hours</b>	24 hours
Weight of Product or Laser Head (kg)	2	2	0.45	0.95	1.13	<b>1.61</b>	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)	92 (l) x 92 (w) x 130 (h)	116 (l) x 124 (w) x 170 (h)	124 (l) x 116 (w) x 175 (h)	<b>160 (l) x 140 (w) x 220 (h)</b>	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, Mobile Power Lithium Battery Pack	4 x AA batteries, 4 x C Batteries, 7.4 V 3100 mAh Li-ion Battery Pack, Mobile Power Lithium Battery Pack	4 x AA batteries, 4 x C Batteries, 7.4 V 3100 mAh Li-ion Battery Pack, Mobile Power Lithium Battery Pack	4 x AA batteries, 4 x C Batteries, 7.4 V 3100 mAh Li-ion Battery Pack, Mobile Power Lithium Battery Pack	4 x AA batteries, 4 x C Batteries, 7.4 V 3100 mAh Li-ion Battery Pack, Mobile Power Lithium Battery Pack	<b>4 x AA batteries, 4 x C Batteries, 7.4 V 3100 mAh Li-ion Battery Pack, Mobile Power Lithium Battery Pack</b>	4 x AA batteries, 4 x C Batteries, 7.4 V 3100 mAh Li-ion Battery Pack, Mobile Power Lithium Battery Pack

CW: All specifications are based on performance at full output power and after the specified warmup period. Output characteristics may change if the laser is run at a different power level.

Q-Switched: Specifications are based on the laser pulsing at the specified design frequency. Output characteristics may change if the laser is run at a

different frequency.

## Specifications Page 2:

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Laser Form Factor

### 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 (BALR8XXXX) requires the following safety label(s):



**Accessories:**

The most popular accessories for model BALR8XXXX 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>	

**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.