

Laserglow Product Datasheet

Horizon Series Horizon Series Self-Levelling Alignment Laser

Laserglow Part Number: BALR2XXXX

Similar Products:

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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**.

Product	BALGR	BALRR	BALR2	BALR5	BALG5	BALR8	BALG8
Output Color	Green (High Visibility)	Red	Red	Red	Green (High Visibility)	Red	Green (High Visibility)
Number of Vertical Lines			1	4	4	4	4
Number of Horizontal Lines	1	1	1	1	1	4	4
Accuracy	+/- 1.0mm / 10M	+/- 1.0mm / 10M	+/- 1.0mm / 5M	+/- 1.0mm / 5M	+/- 1.0mm / 5M	+/- 1.0mm / 10M	+/- 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	Horizontal 360 Vertical >120	Horizontal 360 Vertical >120
Self-leveling range ()	+/- 5	+/- 5	+/- 3	+/- 3	+/- 3	+/- 3.5	+/- 3.5
Plumb Dot	Yes	Yes		Yes	Yes	Yes	Yes
Plumb Dot Color	Red	Red		Red	Red	Red	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	Yes	Yes
Can Run on AC Power	Yes	Yes				Yes	Yes
Tripod/Bracket Thread	5/8"-11	5/8"-11	5/8"-11	5/8"-11	5/8"-11	5/8"-11	5/8"-11
Output Power (mW)	<5	<5	>10	>10	>10	>10	>10
IEC Safety Class	3R	3R	2M	2M	2M	2M	2M
Standard Warranty (months)	6	6	6	6	6	6	6
MTTF (operational hours)	10000	10000	10000	10000	10000	10000	10000
Power Source	4x C batteries	4x C batteries	2x AA batteries	4x AA batteries	Rechargeable battery pack or 4x AA batteries	4x AA batteries	Rechargeable battery pack
Battery Life	12 hours	12 hours	12 hours	12 hours	24 hours	12 hours	24 hours
Weight of Product or Laser Head (kg)	2	2	0.45	0.95	1.13	1.61	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)	160 (l) x 140 (w) x 220 (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, 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	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

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 (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: www.laserglow.com/ATP	
Image Coming Soon! ARLMSXXX	Magnetic Support for Laser Levels Full Details: www.laserglow.com/ARL	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.