Laserglow Product Datasheet

Horizon Series Horizon Series Self-Levelling Alignment Laser



Overview:

The Horizon Red Standard 5 Line Laser - BALR5 is an accurate, self levelling instrument which generates bright, visible red (thin) lines. There is one horizontal line, 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:* **$299**
- *Output Color:* Red
- *Expected Life:* 10000 hours
- *Projection Type:* 4 Vertical, 1 Horizontal, 1 plumb dot - 4V1H1D
- *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 BALR5 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 BALR5 has an accurate, pendulum system for quick self-levelling.
- When not in self-level range, the BALR5 indicates by flashing the laser beams On & Off.Once within level range, the unit will stop flashing.
- The Laser has one 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 BAL-BA2, per your request, and data for the entire series is also displayed for your reference. The specs which are specific to BAL-BA2 have been highlighted below in **red + bold**.

Number of Vertical Lines			4	1	**4**	4
Number of Horizontal Lines	1	1	4	1	**1**	4
Accuracy	+/- 1.0mm / 10M	+/- 1.0mm / 10M	+/- 1.0mm / 10M	+/- 1.0mm / 5M	**+/- 1.0mm / 5M**	+/- 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**	
Self-leveling range ()	+/- 5	+/- 5	+/- 3.5	+/- 3	**+/- 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	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
Output Power (mW)	<5	<5	>10	>10	**>10**	>10
IEC Safety Class	3R	3R	2M	2M	**2M**	2M
Standard Warranty (months)	6	6	6	6	**6**	6
MTTF (operational hours)	10000	10000	10000	10000	**10000**	10000
Power Source	4x C battries	4x C battries		2x AA batteries	**4x AA batteries**	4x AA batteries
Battery Life	12 hours	12 hours	24 hours	12 hours	**12 hours**	12 hours
Weight of Product or Laser Head (kg)	2	2	1.61	0.45	**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)	92 (l) x 92 (w) x 130 (h)	**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	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

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-BA2) requires the following safety label(s):



Accessories:

The most popular accessories for model BAL-BA2 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! BAMLR0XXX	Red Line Receiver for 5 Line Laser Levels Full Details: www.laserglow.com/BAM	Included With Laser
Image Coming Soon! ARLMSXXXX	Magnetic Support for Laser Levels Full Details: www.laserglow.com/ARL	Included With Laser
Image Coming Soon! ARLMCTXXX	Magnetic Ceiling Target for Laser Levels Full Details: www.laserglow.com/ARL	Included With Laser

FOR MORE INFORMATION PLEASE CONTACT:

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Please confirm critical specifications with our staff prior to ordering.