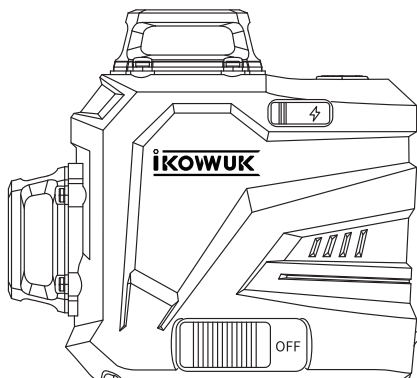


ikowwuk

User Manual

Laser Level

Model: B1-12



CE FC RoHS MADE IN CHINA FDA

Contact us: support@ikowwuk.com
www.ikowwuk.com

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Safety Notes Before Use

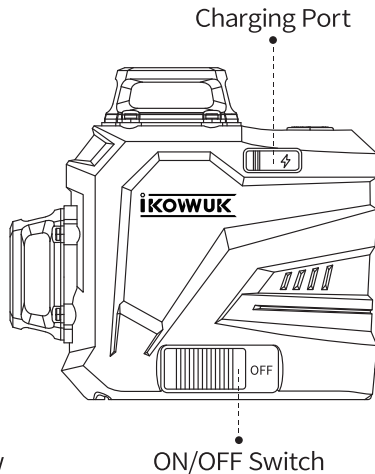
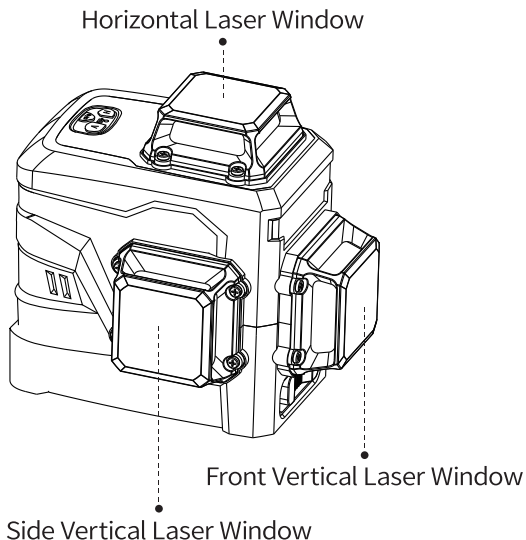
Please read this manual carefully before using the laser level and keep this manual for reference.

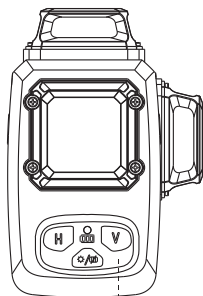
- Caution - Using unmentioned operating or adjusting equipment can lead to dangerous radiation exposure.
- While the laser level is in operation, be careful not to expose your eyes to the emitting laser beam.
- Do not stare directly into the laser beam or view directly with optical instruments or set up the laser at eye level.
- Do not allow children to use the laser level without supervision. They could unintentionally blind other people or themselves.
- Have the laser level repaired through qualified specialists using original spare parts. Do not make any modifications to the laser level.

- Do not operate the laser level in an explosive environment, such as in presence of flammable liquids, gases, or dust. Sparks can be created in the laser level which may ignite the dust or fumes.
- Protect the laser level against moisture and direct sunlight.
- Do not subject the laser level to extreme temperatures or variations in temperature. In case of large variations in temperature, allow the laser level to adjust to ambient temperature before putting it into operation.
- It is normal for the laser level to have some reflected light when it is used on reflective surfaces such as glass or tiles.
- Do not dismantle, open or shred battery pack. Remove the battery pack from the device when not using the laser level for an extended period of time.
- Recharge only with the charger specified by iKOVWUK. Do not use any charger other than that specifically provided for use with the equipment.
- Avoid heavy impact to or falling down of the laser level.
- Turn off the laser level during transport or extended periods of storage.

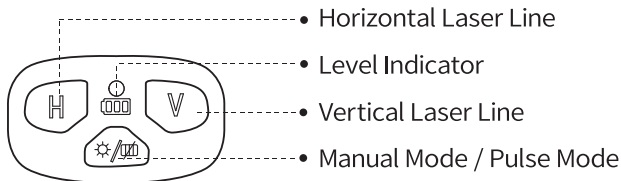
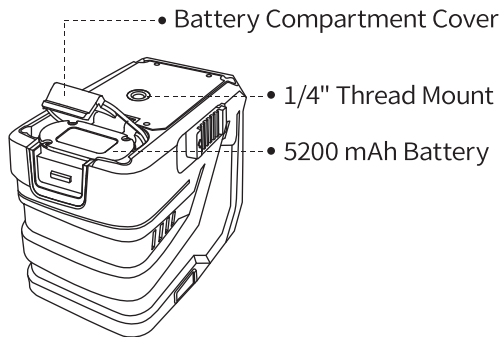
Product Overview

Laser Level






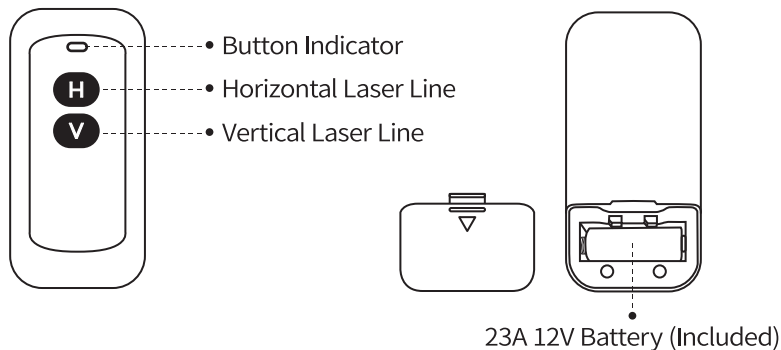
Control Panel



Attention:

This button "  " has multiple functions. Please see the **Operating Modes** for specific operation methods.

Remote Control

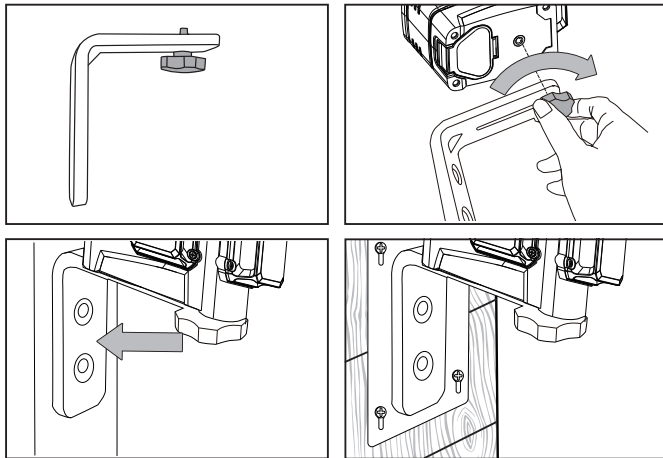


Attention:

The indicator light will flash blue when the button is pressed. The remote control comes with a 23A 12V battery.

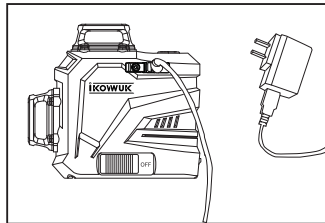
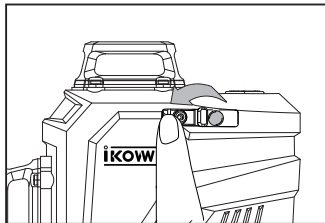
If the battery power is exhausted, the indicator light will not light up when the button is pressed. Please find the right replacement battery to ensure proper functionality.


L-shape Bracket



- The L-shaped bracket is magnetic, it can be attached to any solid metal surface.
- There is a metal plate included, which can be fixed to non-magnetic surface with screws or nails.

Charger



Charging Indicator		Status
	Red on ●	Charging
	Green on ●	Fully Charged



- Recharge is not recommended for more than 24 hours after each use.
- Please charge and discharge the battery periodically to extend the service life of battery when it has not been used for long time.

Package List




12 Lines Laser Level	1
5200 mAh Battery	1
Battery Charger	1
Remote Control (included a 23A 12V battery)	1
Magnetic L-Shaped Bracket	1
Laser Target Board	1
Metal Plate	1
Portable Storage Bag	1
User Manual	1
Warranty Card	1

Operating Modes

Self-leveling Mode


- Slide the Switch to ON position "  ", the Self-leveling Mode is turned on.
- After switching ON, the laser level sends out 1 horizontal beam and 2 vertical beams with automatic leveling range of $\pm 3^\circ$, otherwise the laser level will send out an alarm with the laser beams and level indicator flashing.
- Once the self-leveling is finished, the alarm will stop, the laser beams won't flash anymore, and the level indicator glows green. Press "H" or "V" to control the laser beams.
- Slide the Switch to OFF position "  ", the Self-leveling Mode is turned off.

Manual Mode


- Keep the Switch OFF "", press and hold the " " for 3s to turn on the Manual Mode.
- In Manual Mode, the laser level won't be self-leveling, but the level indicator will flash continuously. The level tool could be held by hand or placed on an inclined surface to project a rigid laser beam in any orientation.
- Press and hold the " " for 3s to turn off the Manual Mode.

NOTE: In Manual Mode, the laser beam could not be used as horizontal or vertical reference.

Pulse Mode - Working with Detectors (not included)

- With the laser level powered on, short press the " , to work with detectors (not included) for longer working distance.
- The beam is weaker in Pulse Mode. The laser level is compatible with most detectors.

Brightness Adjustment

- This button " , " can also be used to adjust laser brightness according to the use environment.

Maintenance

- Maintain the laser level clean after using.
- Regularly clean the surface of the laser windows, and pay attention to whether there is fluff or fiber attached to the laser windows.
- Wipe off debris using a moist and soft cloth, do not use any cleaning agents or solvents.
- Do not immerse the laser level in water or other fluids.
- Store and transport the laser level only in the supplied portable storage bag.
- If the laser level is unusable, do not open the gauge by yourself, please contact iKOVWUK support team.

Specification

Nominal voltage	3.7V
Leveling accuracy	$\pm 1/8$ inch at 33 feet
Wave length (nm)	520nm
Automatic leveling range	$\pm 3^\circ$
Working time	6.5 hours (12 line fully brights)
Laser type	LD green/12-Line
Working range	Radius 32.8 feet (indoor)
Laser class	CLASS II, <1mW
Operating temperature	-10°C-45°C
Storage temperature	-10°C-45°C
Protection class	Class III
Battery capacity	Li-ion 3.7V 5200mAh
Protection class for charger	☐ / II
Charger input	100-240V~50/60Hz, 0.2A
Charger output	5 V \equiv 1.5A
Charging time	3 hours
Weight	1.05 lbs

18 Months Warranty

We are confident in our products and offer excellent and professional service to our customers. This statement is in addition to your effective rights and does not injure your statutory rights.

If there is a machine failure, iKOVWUK will provide you with a replacement service in 18 months from the date of purchase. Please:

- Provide the order ID.
- Provide video or pictures of machine failure.

Attention:

This warranty does not cover damage caused by human factors, accident, misuse of the product, unauthorized alternation to or change of parts or components of the product, or problems of power supply.

Questions or Suggestions?

Email: support@ikovwuk.com

Dear valued customers,

Thank you for choosing iKOVWUK. To ensure that you get the most out of your purchase, we have attached a QR code for the product manual and a product introduction video. With the QR code, you can easily access the manual and video online from any device. The manual provides detailed information on how to set up and use the product, while the video helps you learn how to install and use the product intuitively and quickly.

If you encounter any issues with the product, please contact our support team at support@ikovwuk.com. Our dedicated team will respond to your queries within 24 hours and work tirelessly to resolve the issue as quickly as possible.

Thank you for choosing iKOVWUK. We welcome any feedback you may have.

Best regards,

—The iKOVWUK team



**REGISTER NOW
18 Months
Extended Warranty**



**▶ How To Use
iKOVWUK Laser Level**



PDF User Manual