

**PREXISO
PLV2 MULTI
SURFACE LASER
LEVEL**



PREXISO PLV2 MULTI SURFACE LASER LEVEL User Manual

[Home](#) » [Support](#) » PREXISO PLV2 MULTI SURFACE LASER LEVEL User Manual 

Contents

- [1 PREXISO PLV2 MULTI-SURFACE LASER LEVEL](#)
- [2 SAFETY INSTRUCTIONS](#)
- [3 TECHNICAL SPECIFICATIONS](#)
- [4 DESCRIPTION](#)
- [5 UNPACKING](#)
- [6 ASSEMBLY](#)
- [7 OPERATION](#)
- [8 Operating instructions](#)
- [9 APPLICATIONS](#)
- [10 MAINTENANCE](#)
- [11 TROUBLESHOOTING](#)
- [12 WARRANTY](#)
- [13 EC-DECLARATION OF CONFORMITY](#)
- [14 FAQs](#)
- [15 Video- PREXISO PLV2 MULTI SURFACE LASER LEVEL](#)
- [16 References](#)
- [17 Related Posts](#)

PREXISO

PREXISO PLV2 MULTI-SURFACE LASER LEVEL



IMPORTANT:

Read before Using

The safety instructions and the user manual should be read through carefully before the product is used for the first time.

SAFETY INSTRUCTIONS

Working safely with the measuring tool is possible only when the operating and safety information are read completely and instructions contained herein are strictly followed. Never make warning labels on the measuring tool unrecognizable. **SAVE THESE INSTRUCTIONS.**

Caution – The use of operating or adjusting equipment or the application or processing methods other than those mentioned herein, can lead to hazardous radiation exposure.



Laser radiation-Do not stare into the beam

<1.0mW @ 635±10nm.

IEC/EN 60825-1:2014.

Class 2 Laser product. Complies with 21 CFR 1040.10 and 1040.11 except for conformance with IEC 60825-1 Ed. 3, as described in Laser Notice No. 56, dated May 8, 2019

WARNING

LASER RADIATION. Do not stare into the beam. Class II laser product. Turn the laser beam on only when using this tool.

- Do not remove or deface any product labels.
- Avoid direct eye exposure. The laser beam can cause persons being blinded.
- Do not operate the tool around children or allow children to operate the tool.
- Do not place the tool in a position that may cause anyone to stare at the laser beam, whether intentionally or unintentionally.
- Do not use on reflecting surfaces such as sheet steel, glass or polished metal etc. that have shiny, reflective surfaces. The shiny surface could reflect the beam back at the operator.
- Always turn the laser tool off when not in use. Leaving the tool on increases the risk of someone inadvertently staring into the laser beam
- Do not attempt to modify the performance of this laser device in any way. This may result in a dangerous exposure to laser radiation.
- Do not attempt to repair or disassemble the laser-measuring tool. If unqualified persons attempt to repair this product, serious injury may occur. Any repair required on this laser product should be performed only by qualified service personnel.
- Use of other accessories that have been designed for use with other laser tools could result in serious injury.
- Do not operate the tool outdoors.
- Do not place or store tool under extreme temperature conditions.
- Do not operate the tool in explosive environments, such as in the presence of flammable liquids, gases or dusts. Sparks can be created in the tool which may ignite the dust or fumes.
- Keep the tool away from cardiac pacemakers. The magnet inside the tool generates a field that can impair the function of cardiac pacemakers.
- Keep the tool away from magnetic data medium and magnetically-sensitive equipment. The effect of the magnetic can lead to irreversible data loss.
- Measurement may not be accurate if used beyond the rated range of the device.
- The use of optical instruments with this product will increase eye hazard.

- Always make sure any bystanders nearby aware of the dangers of looking directly into the measuring tool.
- Do not use the laser viewing glasses as safety goggles, they do not protect eyes against laser radiation.
- Always remove the batteries when cleaning the laser light aperture to laser lens.

TECHNICAL SPECIFICATIONS

COMPONENT	SPECIFICATIONS
Working range	Up to 10m/30ft (indoor use) *
Levelling accuracy	$\pm 10\text{mm}/10\text{m}$ ($\pm 25/64''@30'$)*
Vial accuracy	$\pm 1.0\text{mm}/\text{m}(\pm 0.058^\circ)$
Laser	$\lambda=635\pm 10\text{nm}$, Class 2 laser, maximum laser output<1mW
Working temperature	0 ~ 40°C (32~104°F)
Storage temperature	-10 ~ 60°C (14 ~140°F)
Batteries	2×1.5V alkaline AA
Operating time	>8H
Weight	200g (0.44lb) batteries excluded
Dimension (LxWxH)	12 x 11.4 x 5.3cm (4.72 x 4.49x 2.1 in)

***Important:** The accuracy is rated within distance of 10 meters. Under unfavorable conditions, such as in extreme interior illumination, transparent surfaces (eg. glass, water), porous surfaces (eg. insulation materials) or reflecting surfaces (eg. polished metal, glass) or very rough surfaces (eg. rough cast, natural stone), the tool's measuring range and accuracy will be reduced.

DESCRIPTION

Know your multi surface laser level This is a highly versatile tool. It can be placed on the ground, mounted on a wall, door frame, workbench, etc.

PARTS DESCRIPTION

Fig. 1

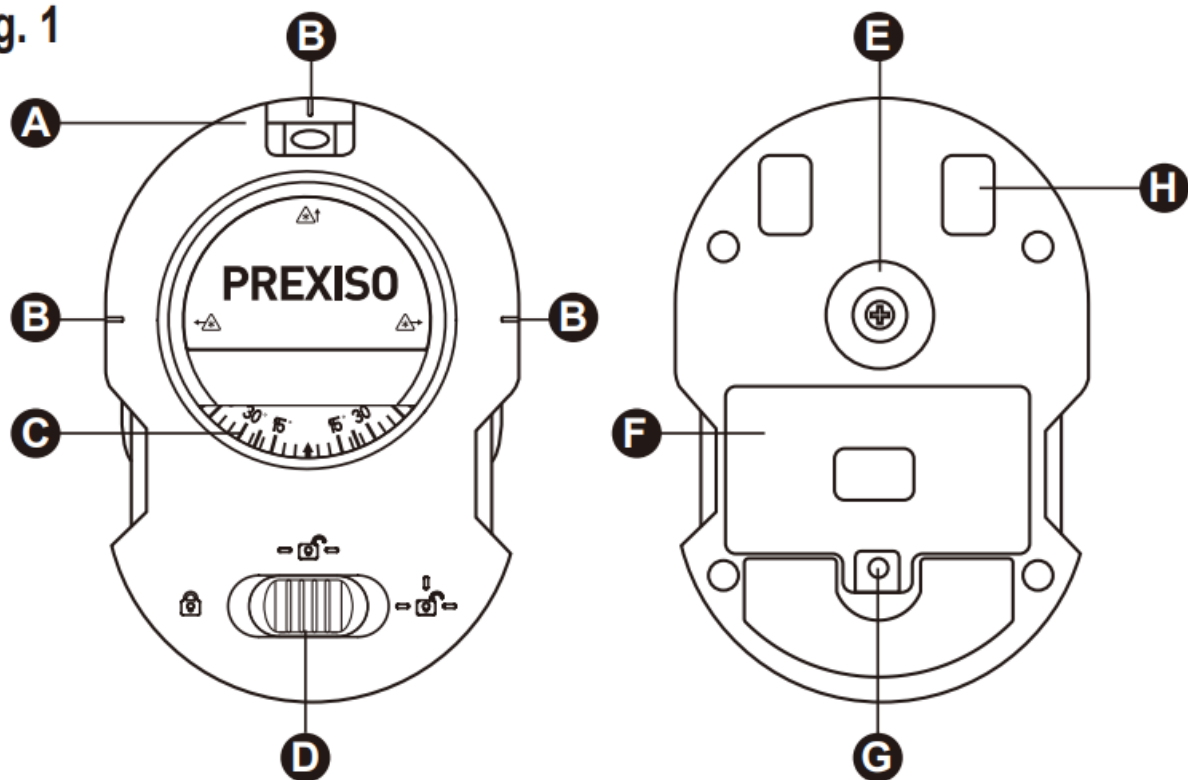
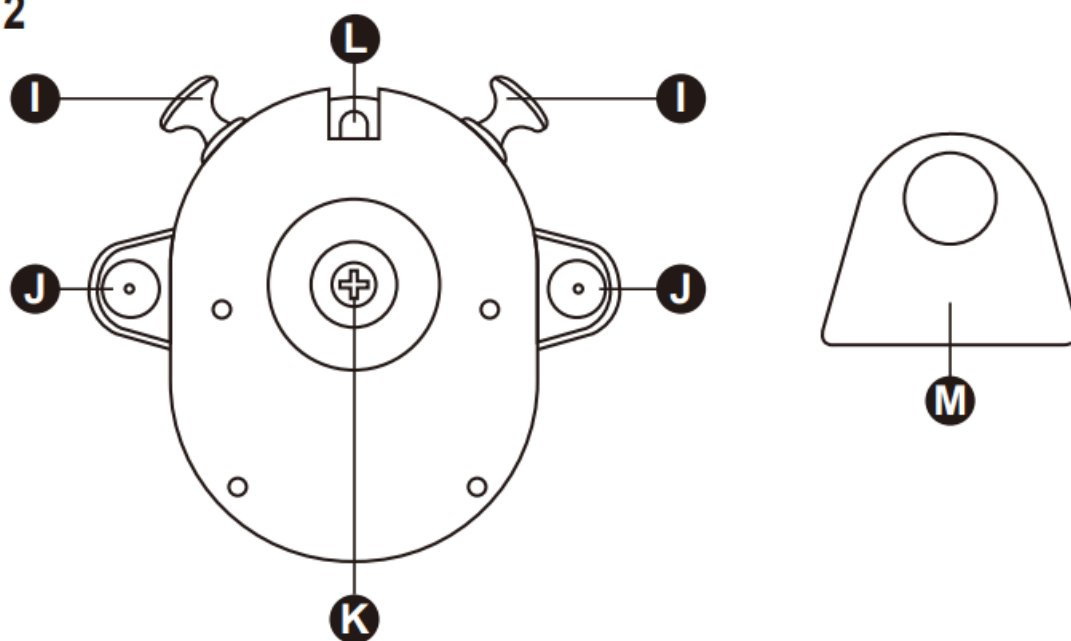


Fig. 2



Laser Tool (Fig.1)

- Bubble vial
- Laser apertures
- Angle dial
- ON/OFF switch
- Magnetic circular pocket
- Battery compartment cover
- Battery compartment cover screw
- Laser,angle dial and vial LED light trigger

Wall Mounting Attachment (Fig.2)

- Pins
- Pin holes
- Circle
- Keyhole opening
- Self-adhesive strip

UNPACKING

When unpacking the box, do not dispose of any packing materials until all of the contents are accounted for:

- Multi-surface laser level
- Two pins
- Self-adhesive strips (10 pcs)
- 2×1.5V AA alkaline batteries
- User manual

Carefully lift the laser tool out of the package and place it on a stable, flat surface.

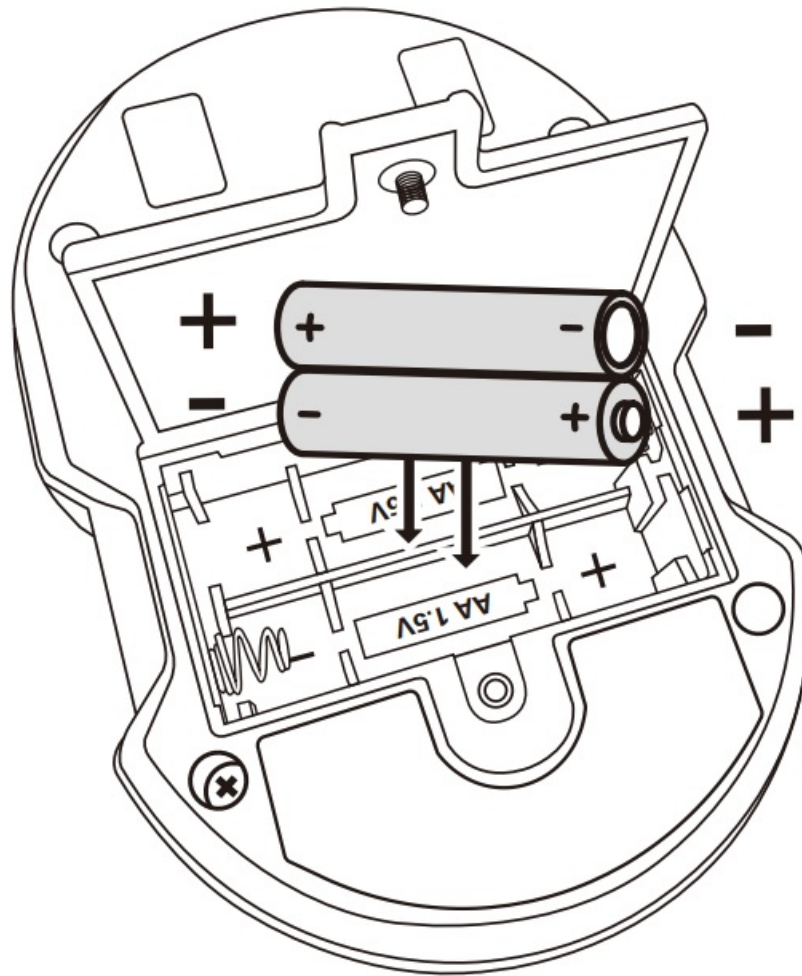
ASSEMBLY

Inserting/replacing the battery

1.5V AA alkaline batteries are recommended for the laser tool. Open the battery compartment cover with a screwdriver and insert the included batteries.

Pay attention to the correct polarity of the batteries based on “+” and “-” symbols on the laser tool and batteries. Always replace all batteries at the same time. Only use batteries from one brand and with identical capacity.

NOTE: Remove the batteries from the tool when not using it for extended periods. When storing for extended periods, the batteries can corrode and discharge themselves.



OPERATION

Hanging on a wall using a screw

The laser tool can be hung on a wall with a screw by using the keyhole opening (L) in the wall mounting attachment.

- Tighten the screw on the wall.
- Place the keyhole opening (L) over the head of the screw and make sure that the mounting attachment is firmly and secure on the screw.
- Align the magnetic circular pocket on the back of the laser tool with the circle on the front of the wall mounting attachment.
- Make sure that the laser tool is seated firmly, and is secure on the wall.

Hanging on drywall or wooden wall surfaces

The laser tool can be hung on drywalls or wooden walls by using the included pins (I) to press through the pin holes (J) on the wall mounting attachment into drywalls or wooden walls .

- To press pins into drywalls or wooden walls, first pull the pins from the pin holders on the wall mounting attachment and then insert pins straight and seat firmly through the pin holes (J) into drywall or wooden wall surface.
- The pins should always be pushed in by hand and never driven by a hammer.
- To remove pins from the wall, pull out straight.
- Align the magnetic circular pocket (E) on the back of the laser tool with the circle (K) on the front of the wall

mounting attachment.

- Make sure that the tool is seated firmly, and is secure on the wall.

CAUTION: Pins are sharp and should be handled with care. Always be sure that two pins are put back into the holders on the wall mounting attachment when not in use.

NOTE: The pins are only for use on drywall or wooden walls NOT other surfaces including plaster.

Hanging on a wall by using a removable adhesive strip

NOTE: 3M adhesive strips are recommended.

The laser tool can be hung on a wall by using removable adhesive strips (M) that is attached to two pin hole areas of the wall mounting attachment (see the following left figure).

NOTE:

1. The wall should be clean and dry to use the adhesive strip.
 2. Adhesive strip can be used on drywall, plaster and wood.
 3. Adhesive strip cannot be used on some types of wallpaper or lime wall.
- Remove liner paper from one side of adhesive strip and apply strip to the pin hole area of the wall mounting attachment and do the same thing to another pin hole area with another adhesive strip .
 - Remove liner paper from other side of adhesive strip and press attachment firmly onto wall.
 - Align the magnetic circular pocket on the back of the laser tool with the circle on the front of the wall mounting attachment.
 - Make sure that the laser tool is seated firmly, and is secure on the wall.
 - To remove from wall, first remove the laser tool from the wall mounting attachment. Then, pull the wall mounting attachment with one hand straightly away from the wall (see the following right figure).

NOTE: The self-adhesive strips are not recommended to be re-used to assure the laser tool will not fall.

Operating instructions

- Slide the ON/OFF switch (D) to the middle position to turn on the horizontal lasers, angle dial and vial LED light.
- Slide the ON/OFF switch (D) all the way to the right to also turn on the vertical laser. By this step, all the lasers, angle dial and vial LEDlight are on.
- Slide the ON/OFF switch (D) all the way to the left to turn off all the lasers, angle dial and vial LED light.

NOTE: The lasers, angle dial and vial LED light can only be turned on by the above (a.) and (b.) operations when the Laser, angle dial and vial LED light trigger (D) is triggered on the wall mounting attachment or on a flat surface.

- When using the laser tool for wall applications, hang the laser tool on the wall surface using one of the above mentioned 3 different hanging modes or hand hold it on the wall for horizontal and vertical levelling, then align the laser tool with the Bubble vial (A) and the Angle dial (C).

NOTE: The Bubble vial (A) and the Angle dial (C) can ONLY be used to align the lasers for vertical surface applications.

NOTE: Protractor is not for vertical or horizontal alignment.

APPLICATIONS

The tool can be placed on the ground, mounted on a wall, work bench, door frame, etc, for point marking and simple alignment by sight. It is ideal for the following applications:

- Framing doors and windows.
- Installing electrical wiring and pipes.
- Mounting wall fixtures, electrical outlets, switches and lighting.
- Hanging pictures, decorative items on walls.
- Painting.
- Installing cabinets.
- Flooring

MAINTENANCE

This compact laser measuring tool has been designed to be a low-maintenance tool. However, in order to maintain its performance, you must always follow these simple directions:

- Avoid exposing the tool to shock, continuous vibration or extreme hot or cold environment.
- Always store the tool indoors.
- Always keep the tool free of dust and liquids. Use only a clean soft cloth for cleaning. If necessary, slightly moisten the clothes with pure alcohol or a little water.
- Do not disassemble the compact laser measuring tool, this will expose the user to hazardous radiation exposure.
- Do not attempt to change any part of the laser lens.

TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
The laser line projection is weak.	Batteries are weak.	Replace with new batteries.
The laser line is hard to see.	The tool is out of the rated operating range.	Move the tool closer to be within the rated operating range.
Laser line is not projected.	No batteries installed or batteries are depleted.	Install new batteries.

DISPOSAL

CAUTION

The batteries must not be disposed with household waste. Care for the environment and take them to the collection points provided in accordance with national or local regulations. Dispose of the product appropriately in accordance with the national regulations in force in your country. Adhere to the national and country specific regulations.

WARRANTY

Two-Year Limited Warranty. This product is warranted to the original purchaser from the original purchase date for two years subject to the warranty coverage described herein. Please retain your receipt. This product is warranted to the original user to be free from defects in material and workmanship. If you believe that the product is defective at any time during the specified warranty period, please contact Prexiso customer service agent by sending email to info@prexiso-eu.com. This warranty does not cover:


1. Part failure due to normal wear or product abuse;
2. Any parts have been altered or modified by anyone other than an authorized Prexiso personnel or failure to install and operate equipment according to the guidelines put forth in the instruction manual.
3. Any products or parts used for rental purposes, damage resulting from shipping (claims must be filed with freighter), accident, abuse, act of God, misuse, or neglect. Prexiso will replace or repair the defective unit, at its option, subject to verification of the defect. Any implied warranties arising from the sale of a Prexiso product, including but not limited to implied warranties of merchantability and fitness for a particular purpose, are limited to the above. Prexiso shall not be liable for loss of use of the product or other incidental or consequential damages, expenses, or economic loss, or for any claim of such damage, expenses, or economic loss. This warranty excludes any accessories. This warranty gives you specific legal rights, and you may also have other rights that vary from state.

EC-DECLARATION OF CONFORMITY

Herewith we,
Hangzhou GreatStar Industrial Co., Ltd
35# Jiuhuan Rd, Jiubao Town, Hangzhou, Zhejiang, China

Declare that the following product complies with the appropriate basic safety and health requirements of the EC Directives (see item 4) based on its design and type, as brought into circulation by us.

This declaration relates exclusively to the product in the state in which it was placed on the market and excludes components that are added and/or operations carried out subsequently by the final user.

1. **Product:** MULTI SURFACE LASER LEVEL
2. **Model No.:** PLV2
3. **Serial number:** N/A
4. **Applicable EC Directives:** EMC Directive 2014/30/EU
5. **Used Harmonized Standards:** EN IEC 61326-1:2021
6. **Responsible for documentation:** (C&E Connection E-Commerce (DE) GmbH Zum Linnegraben 20, 65933, Frankfurt am Main, Germany info@ce-connection.de)
7. **Additional used EC Directives:** N/A
8. **Date/place/Name/Authorized signature** 2022-1-25/ Hangzhou / Xu Dong Ling

9. **Title of Signatory:** Engineer

FAQs

What is the PREXISO PLV2 Multi Surface Laser Level?

The PREXISO PLV2 is a versatile laser leveling tool designed to project bright horizontal and vertical lines for precise alignment on various surfaces.

How does the self-leveling feature of the PREXISO PLV2 work?

The PREXISO PLV2 automatically self-levels within ± 4 degrees, ensuring that the laser lines are straight and accurate without manual adjustments.

What surfaces can the PREXISO PLV2 be used on?

The PREXISO PLV2 is suitable for use on multiple surfaces, including drywall, wood, and concrete, making it a versatile tool for various projects.

What is the range of the PREXISO PLV2?

The PREXISO PLV2 can project laser lines accurately over a range of up to 30 feet, making it ideal for both indoor and outdoor use.

What is the weight of the PREXISO PLV2 Multi Surface Laser Level?

The PREXISO PLV2 weighs approximately 12.7 ounces, making it lightweight and easy to carry.

How durable is the PREXISO PLV2?

The PREXISO PLV2 is built with durable construction to withstand everyday wear and tear, ensuring reliability for long-term use.

What is the purpose of the bubble vials on the PREXISO PLV2?

The bubble vials on the PREXISO PLV2 enhance leveling accuracy by providing visual confirmation that the laser level is properly aligned.

What kind of projects is the PREXISO PLV2 suitable for?

The PREXISO PLV2 is ideal for a variety of projects, including woodworking, laying tiles, hanging shelves, and other tasks requiring precise alignment.

How can I ensure the best accuracy with the PREXISO PLV2?

To achieve the best accuracy with the PREXISO PLV2, ensure it is placed on a stable surface and use the self-leveling feature properly.

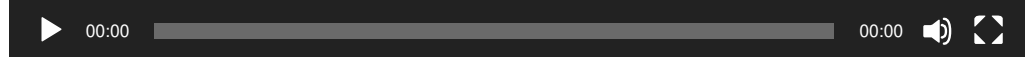
Is the PREXISO PLV2 suitable for outdoor use?

While primarily designed for indoor use, the bright laser lines of the PREXISO PLV2 can also be utilized outdoors in well-lit conditions.

How portable is the PREXISO PLV2?

The compact design of the PREXISO PLV2 makes it highly portable, allowing users to easily carry it to different job sites.

Video- PREXISO PLV2 MULTI SURFACE LASER LEVEL



Download this Manual: [PREXISO PLV2 MULTI SURFACE LASER LEVEL User Manual SURFACE-LASER-LEVEL.mp4](#)

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.