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› [Tsokzo](#) /

› Tsokzo 16 Lines Laser Level BW-D1 User Manual

Tsokzo BW-D1

Tsokzo 16 Lines Laser Level BW-D1 User Manual

Model: BW-D1

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective operation of your Tsokzo 16 Lines Laser Level, Model BW-D1. This device is designed for high-precision measurement and alignment tasks in various indoor and outdoor environments. Please read this manual thoroughly before use and retain it for future reference.

2. SAFETY INFORMATION

WARNING: LASER RADIATION. DO NOT STARE INTO BEAM. CLASS II LASER PRODUCT.

- Avoid direct eye exposure to the laser beam.
- Do not disassemble the laser level. Repairs should only be performed by authorized service personnel.
- Keep the device out of reach of children.
- Use only the specified batteries and charging cable.
- Ensure the work area is clear of obstructions and potential hazards.

3. WHAT'S IN THE BOX

Verify that all components are present upon unpacking:

- 1 x Tsokzo 16 Lines Laser Level
- 1 x 59-inch Aluminum Tripod
- 1 x Laser Target Plate
- 1 x Storage Case
- 2 x 3600mAh Rechargeable Batteries
- 1 x Wall Mounting Bracket with Base Plate
- 1 x Lifting Platform
- 1 x Adapter Screw
- 1 x Type-C Cable with Charger
- 1 x Remote Control
- 1 x User Manual (this document)

SUITABLE FOR OUTDOOR AND INDOOR USE

Meet Various Measurement Needs with Ease



Building Construction



Ceiling Installation



Interior Decoration

Image: All components included in the Tsokzo 16 Lines Laser Level kit, neatly arranged.

4. SETUP

4.1 Battery Installation and Charging

1. Open the battery compartment on the side of the laser level.
2. Insert the 3600mAh rechargeable battery, ensuring correct polarity.
3. Close the battery compartment securely.
4. To charge, connect the Type-C cable to the charging port on the device and plug the charger into a power outlet. The battery indicator will show charging status.

LONG LASTING POWER

2*3600MAH

integrated
lithium-ion Battery



Image: The Tsokzo laser level with two 3600mAh batteries, highlighting the Type-C charging port and battery indicator.

4.2 Tripod Assembly and Laser Level Mounting

1. Unfold the tripod stand and lock the joints to ensure stability.
2. Rotate the button on the tripod head to adjust its height.
3. Move the handle up and down to tilt the laser level up to 90 degrees.
4. Unlock the button, then move the handle left and right to pan the laser 360 degrees.
5. Open the buckle to take out the mounting panel.
6. Screw the laser level onto the mounting panel.
7. Close the buckle to secure the laser level to the tripod head.



Image: A visual guide demonstrating the eight steps for assembling the tripod and mounting the laser level.

4.3 Magnetic Mount and Lifting Platform

For alternative mounting, use the magnetic mount with the metal plate for attachment to walls or metal surfaces. The lifting platform provides fine height adjustments.



Image: Demonstrates the laser level in use with the multidirectional fine-tuning bracket, lifting platform, and tripod for various setups.

5. OPERATING MODES

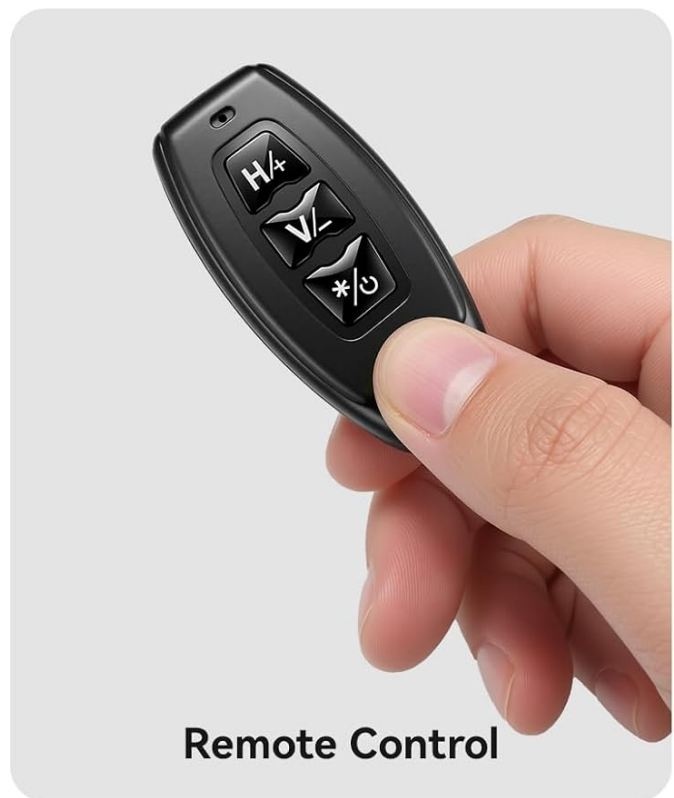
The Tsokzo laser level offers multiple operating modes for diverse applications.

4 X 360° LASER BEAMS

Switch laser modes via touch Button or remote



Touch Button Control



Remote Control

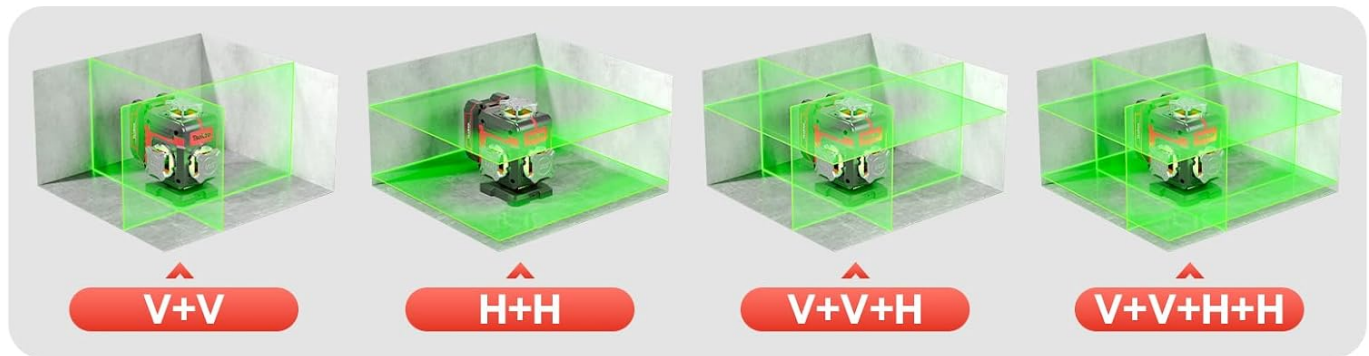


Image: Displays the laser level's touch button and remote controls, along with examples of 4x360 degree laser line configurations (V+V, H+H, V+V+H, V+V+H+H).

5.1 Self-Leveling Mode

This mode automatically levels the laser within a $\pm 3^\circ$ range. If the device is outside this range, it will trigger a flash and beep to alert you.

- To activate: Power on the device. The self-leveling function engages automatically.
- Ensure the device is placed on a relatively flat surface or tripod.



Multidirectional Fine-tuning



Lifting Platform



Tripod for Laser Level

Image: The laser level operating in self-leveling mode, illustrating its ability to auto-level within $\pm 3^\circ$ and indicating the alarm for out-of-level conditions.

5.2 Manual Mode

Manual mode allows you to project laser lines at any desired angle without alarms or flashing lights, ideal for tilted surfaces like staircases.

- To activate: Long press the mode switch button (power button) for more than 2 seconds.
- To deactivate: Long press the mode switch button for more than 3 seconds again to restore automatic leveling.



SELF-LEVELING MODE

*Auto self-leveling within $\pm 3^\circ$

* Beyond the levelling range laser level will beep prompt



Image: The laser level in manual mode, demonstrating its use for projecting a tilted line, such as along a sloped ceiling.

5.3 Pulse Mode

Pulse mode extends the working range and maintains clear visibility in bright outdoor conditions when used with a laser receiver (not included).

- To activate: Press the pulse mode button.
- Extends working range up to 164ft (50m).



MANUAL MODE

*Activating manual mode lets you adjust the angle without alarms or flashing lights.

*Press and hold for 3+ seconds again to deactivate manual mode and restore automatic leveling.



Press and hold the button
for **3+ Seconds**

Image: The laser level in pulse mode, illustrating its capability to project lines over an extended range of 164 feet.

5.4 Line Selection and Remote Control

The device projects 16 horizontal (H) and vertical (V) bright green lines, covering walls, floors, and ceilings simultaneously. You can switch laser modes via the touch buttons on the device or using the included remote control.

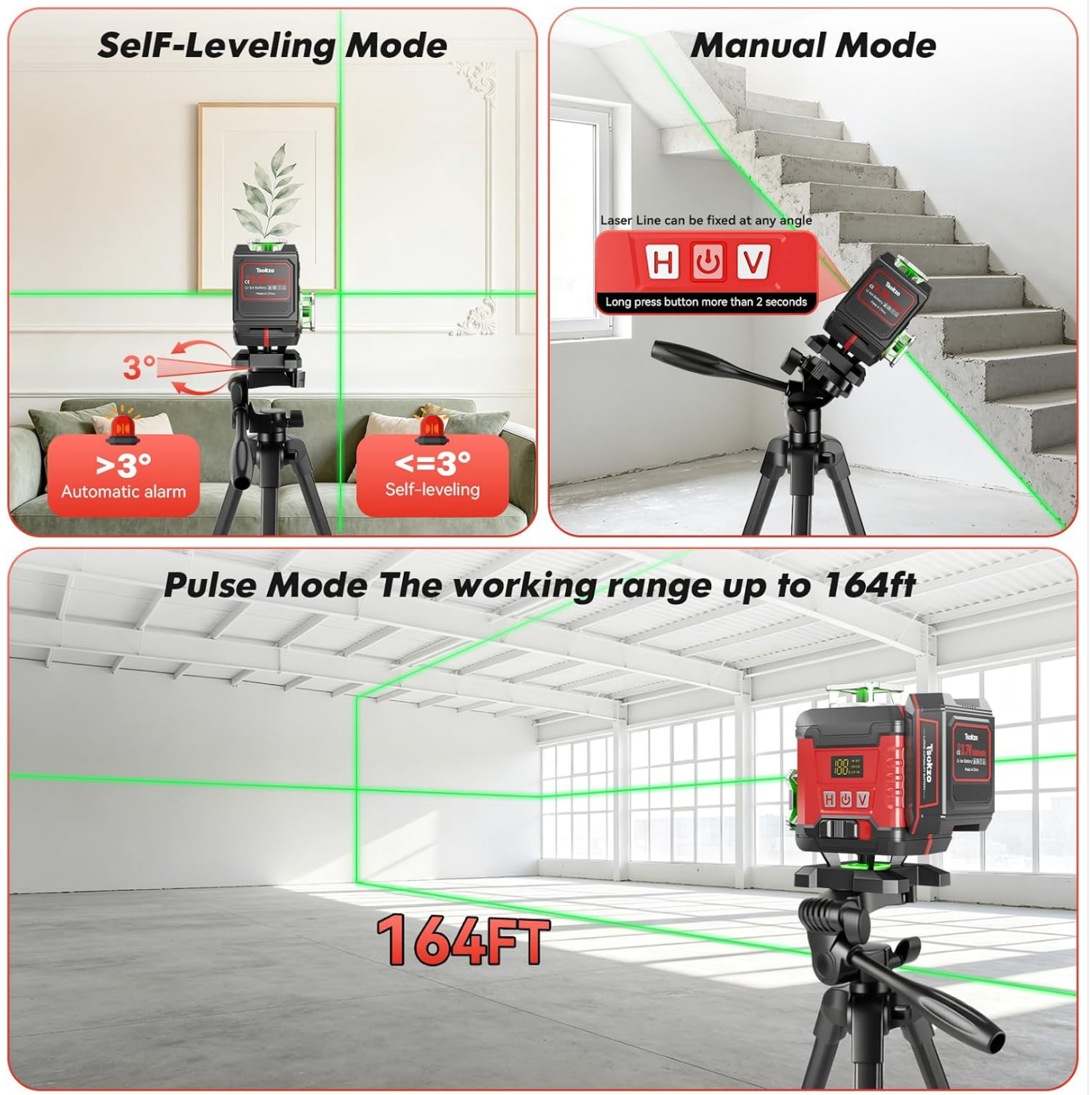


Image: The laser level showcasing its self-leveling, manual, and pulse modes in different operational scenarios.

Your browser does not support the video tag.

Video: A demonstration of the Tsokzo 16 Lines Laser Level, highlighting its manual mode activation, 360-degree rotation with the 59-inch tripod, and overall functionality.

6. MAINTENANCE

Proper maintenance ensures the longevity and accuracy of your laser level.

- **Cleaning:** Use a soft, damp cloth to clean the device. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the laser level in its storage case in a dry, dust-free environment when not in use.
- **Battery Care:** Remove batteries if the device will not be used for an extended period.

6.1 IP54 Durability

The Tsokzo laser level features an IP54 dustproof/waterproof rating and a full rubber housing, making it resistant to dust,

water splashes, and minor impacts.



Image: The Tsokzo laser level showcasing its IP54 protection, illustrating resistance to dust, water splashes, and impacts from falls.

7. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Laser lines are flashing or beeping	Device is out of self-leveling range ($\pm 3^\circ$)	Place the device on a more level surface or adjust the tripod until the alarm stops.
Laser lines are dim or not visible outdoors	Bright ambient light or not in pulse mode	Activate pulse mode and use a laser receiver for outdoor visibility. Avoid direct sunlight.

Problem	Possible Cause	Solution
Device does not power on	Low battery or incorrect battery installation	Charge the batteries or ensure they are correctly installed.
Remote control not working	Remote battery low or obstruction	Replace remote battery. Ensure no obstructions between remote and device.

If the problem persists, please contact customer support.

8. SPECIFICATIONS

Feature	Specification
Brand	Tsokzo
Model Number	BW-D1
Laser Class	Class II, <1mW power output
Accuracy	±1mm/5m
Self-Leveling Range	±3°
Working Range (Pulse Mode)	Up to 164ft (50m)
Battery Type	2 x 3600mAh Rechargeable Lithium-ion
Operating Time	Up to 12 hours (continuous)
Charging Port	Type-C
IP Rating	IP54 (Dustproof/Waterproof)
Material	Metal, Plastic
Product Dimensions	5.51"L x 5.51"W
Item Weight	1 kg

9. WARRANTY AND SUPPORT

Tsokzo is committed to providing reliable products and excellent customer service.

- **Warranty:** This product is covered by a 2-year protection plan.
- **Technical Support:** We offer 24-hour weekday technical support.
- **Contact:** For product defects, issues, or technical assistance, please contact us via Amazon or email: tsokzosupport@163.com.



Image: Tsokzo customer care details, offering replacement services and 24/7 online support via email.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

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