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HOTO H-D50

HOTO Laser Measure Pro User Manual

Model: H-D50
Brand: HOTO

Introduction

This manual provides detailed instructions for the safe and effective use of your HOTO Laser Measure Pro. Please read this manual thoroughly before operating the device and keep it for future reference.
The HOTO Laser Measure Pro is a high-precision digital laser measuring tool designed for various applications including construction, interior design, and real estate. It features Bluetooth connectivity, multiple measurement modes, and a clear LED display.

Package Contents

Upon opening the package, please ensure all items are present and in good condition:

- HOTO Laser Measure Pro Device
- USB-C Charging Cable
- User Manual (this document)

Product Overview

Familiarize yourself with the components of your HOTO Laser Measure Pro.



Figure 1: HOTO Laser Measure Pro and its companion mobile application interface.

The device features a compact design with a hidden LED display and two primary buttons for operation. It also includes a USB-C charging port and a lanyard hole for portability.

Setup

1. Charging the Device

The HOTO Laser Measure Pro comes with a built-in lithium-ion battery. Before first use, or when the battery indicator is low, charge the device using the provided USB-C cable.

- Connect the USB-C cable to the charging port on the device.
- Connect the other end of the cable to a standard USB power adapter (not included) or a computer's USB port.
- The device's display will indicate charging status. A full charge can provide approximately 1500 measurements.



Figure 2: Charging the HOTO Laser Measure Pro via USB-C port.

2. Powering On/Off

- To power on: Press and hold the round front button for a few seconds until the display lights up.
- To power off: The device automatically shuts off after 180 seconds of inactivity to conserve energy. Alternatively, press and hold the round front button until the display turns off.

3. Bluetooth Connection and App Pairing

The HOTO Laser Measure Pro can connect to the HOTO application via Bluetooth for enhanced functionality and data management.

1. Download the official HOTO app from your smartphone's app store.
2. Ensure Bluetooth is enabled on your smartphone.
3. Open the HOTO app and follow the on-screen instructions to pair with your Laser Measure Pro. The device will appear in the app's discovery list.
4. Once paired, you can store unlimited measurement data, change measurement units (feet, meters, inches), and adjust the measurement baseline (front or rear edge) directly from the app.

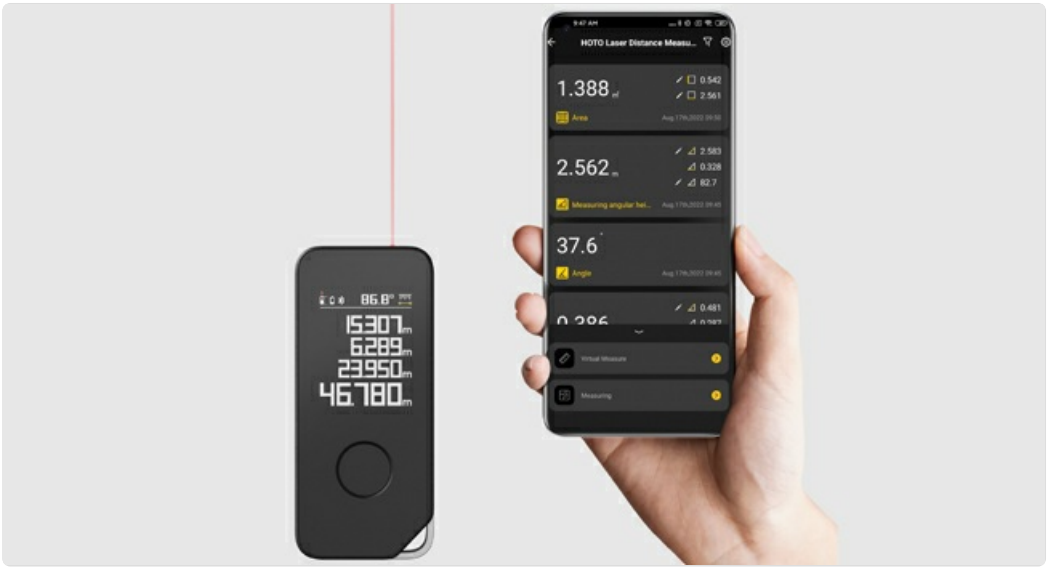


Figure 3: HOTO Laser Measure Pro connected to the mobile application for smart measurements.

Operating Instructions

The HOTO Laser Measure Pro is designed for ease of use with only two buttons.

1. Basic Measurement

- Point the laser emitter towards the target surface.
- Press the **round front button** once to activate the laser and set the target.
- Press the **round front button** again to complete the measurement. The result will be displayed on the screen.
- The device provides immediate vibratory feedback with each button press.



Figure 4: Operating the HOTO Laser Measure Pro with its intuitive display.

2. Changing Measurement Modes

The device supports five measurement modes, which can be cycled through using the side button.

- Press the **side button** to switch between the available measurement modes.
- Available modes include:
    - Distance Measurement
    - Angle Measurement
    - Pythagorean Method (indirect measurement)
    - Area Measurement
    - Virtual Ruler (continuous measurement)
    - Bubble Level (digital leveling)

3. Specific Measurement Functions

Distance Measurement

Used for single-point distance measurements. Follow the basic measurement steps.



Figure 5: Example of distance measurement.

Angle Measurement

Allows for measuring angles, useful for slopes or inclinations. The device's built-in level function can also assist.



Figure 6: Example of angle measurement.

Pythagorean Method

For indirect measurements, such as height, when direct measurement is not possible. Follow the on-screen prompts to take the necessary measurements (e.g., hypotenuse and base).



Figure 7: Example of Pythagorean measurement for height.

Area Measurement

To calculate the area of a rectangular space. The device will prompt you to measure two perpendicular sides (length and width).

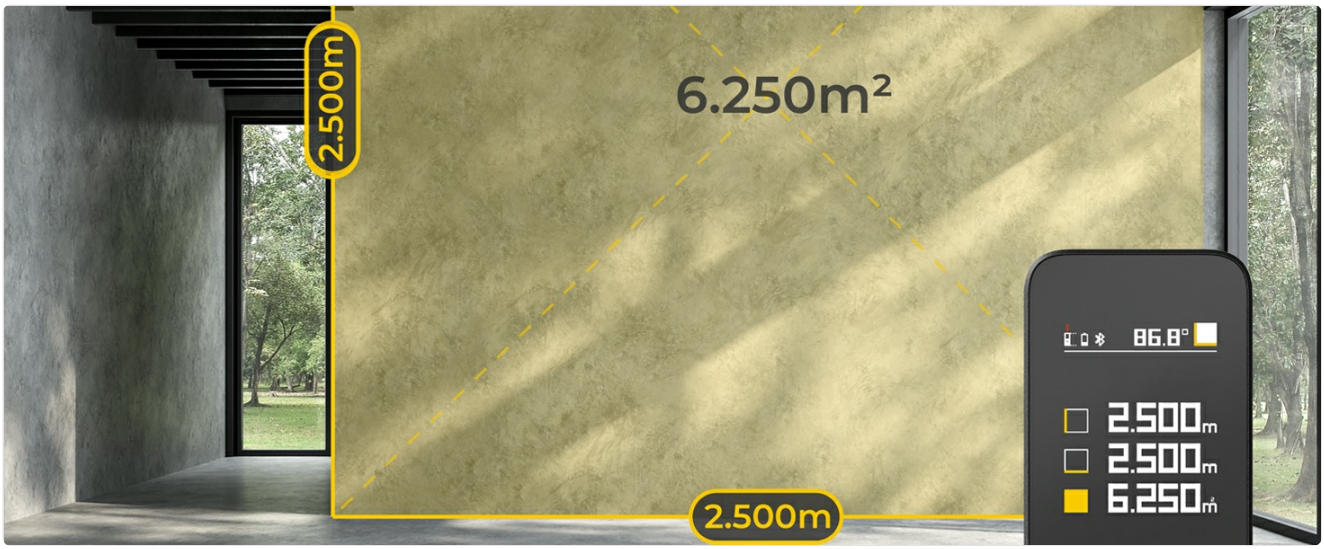


Figure 8: Example of area measurement.

Virtual Ruler / Continuous Measurement

This mode allows for continuous measurement as you move the device, displaying real-time distance updates. Useful for finding minimum/maximum distances or marking points.



Figure 9: Example of virtual ruler / continuous measurement.

4. Display Information

The 1.8-inch hidden LED display provides clear readings and can show up to four sets of measurement data simultaneously. Indicators for Bluetooth connection, battery level, and measurement mode are also present.



Figure 10: Detailed view of the HOTO Laser Measure Pro's LED display.

Maintenance

Proper maintenance ensures the longevity and accuracy of your HOTO Laser Measure Pro.

- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use abrasive cleaners, solvents, or immerse the device in water.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures. When storing for extended periods, ensure the battery is partially charged (around 50%) to preserve battery health.
- **Battery Care:** Avoid fully discharging the battery frequently. Recharge the device when the battery indicator is low.
- **Protection:** The device has an IP54 rating, meaning it is resistant to dust and splashing water. However, it is not waterproof and should not be submerged. Protect the laser lens from scratches and dirt.

Troubleshooting

If you encounter issues with your HOTO Laser Measure Pro, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not turn on.	Low battery.	Charge the device using the USB-C cable.
Inaccurate measurements.	Laser lens is dirty; unstable measurement surface; incorrect measurement mode.	Clean the laser lens; ensure a stable surface; verify the correct measurement mode is selected.
Bluetooth connection fails.	Bluetooth is off on phone; device not in pairing mode; app issue.	Ensure phone Bluetooth is on; restart both device and phone; reinstall HOTO app if necessary.
Display is dim or unreadable.	Low battery; device operating in bright conditions.	Charge the device. The LED display is designed for energy efficiency and may appear less bright in direct sunlight.

If the problem persists, please contact HOTO customer support for assistance.

Specifications

Feature	Detail
Model Number	H-D50
Measurement Range	0.05 - 50 meters
Measurement Accuracy	±2 mm
Battery Type	1 Lithium Ion (850 mAh)
Charging Port	USB-C
Display Type	1.8-inch Hidden LED
Connectivity	Bluetooth
Dimensions (L x W x H)	10 x 4.5 x 2.4 cm
Weight	90 grams
Material	Plastic (ABS+PC)
Water Resistance Rating	IP54 (Dust and Splash Resistant)
Origin	China

Warranty and Support

HOTO provides customer support for its products. For any questions, technical assistance, or warranty claims, please contact HOTO customer service.

- **Customer Support:** Refer to the contact information provided on the official HOTO website or the product

packaging.

- **Return Policy:** Products purchased from Amazon.es typically have a 30-day return policy for refund or replacement. Please check your purchase details for specific terms.
- **Online Resources:** An English user manual (PDF) may be available for download from the product page under "Product guides and documents."

For more information about HOTO products, visit the official HOTO store:HOTO Store on Amazon.

Important Safety Information

Please observe the following safety precautions:

- Do not stare directly into the laser beam.
- Do not disassemble or modify the device.
- Keep out of reach of children.
- Use only as intended for measurement purposes.
- Avoid exposing the device to extreme temperatures, humidity, or strong vibrations.

Official Product Videos

No official product videos from the seller were found in the provided product data.

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