

[Manuals.plus](#) /

› [Prexiso](#) /

› PREXISO Laser Measure P80GD User Manual

Prexiso P80GD

PREXISO P80GD Laser Measure User Manual

Your comprehensive guide to operating and maintaining your PREXISO P80GD Laser Measurement Tool.

1. INTRODUCTION TO YOUR PREXISO P80GD

The PREXISO P80GD is a versatile and accurate laser measurement tool designed for various applications, from home renovations to professional construction. It features a highly visible green laser beam, multiple measurement modes, and an integrated angle sensor for enhanced functionality.



Image: The PREXISO P80GD Laser Measure, showing the device itself, a USB-C charging cable, and a portable carrying bag.

Your browser does not support the video tag.

Video: An official overview of the PREXISO 265Ft Green Beam Laser Measurement Tool, demonstrating its key features and various measurement capabilities.

2. SETUP AND FIRST USE

2.1 Charging the Device

The PREXISO P80GD comes with a built-in Li-ion rechargeable battery. Before first use, ensure the device is fully charged.

- Locate the USB-C charging port on the device.
- Connect the provided Type-C charging cable to the device and a compatible USB power source (e.g., computer USB port, wall adapter).
- The battery indicator on the display will show charging progress. A full charge typically allows for approximately 5 hours of continuous measurement.



Image: Close-up view of the PREXISO P80GD showing the USB-C charging port with a cable inserted.

2.2 Powering On/Off

- To power on, press the **ON** button.
- The device will automatically shut down after 120 seconds of inactivity to conserve power.
- To manually power off, press and hold the **OFF** button.

3. OPERATING INSTRUCTIONS

3.1 Measurement Reference Points

The device allows you to select from three measurement reference points: front, middle, or rear. Always ensure the correct reference point is selected for accurate measurements.

3 MEASURING REFERENCE

Select the suitable measure reference before measuring.



1/4"-20 Threaded Hole

Image: Visual representation of the three available measurement reference points (front, middle, rear) on the PREXISO P80GD, illustrating how to select the suitable one before measuring.

3.2 Unit Switching

Press the **UNITS** button to cycle through available measurement units: Meters (M), Inches (In), Feet (Ft), and Feet+Inches (Ft+In).

3.3 Measurement Modes

The PREXISO P80GD offers 6 key measurement functions:

- **Single Measurement:** For a quick distance reading.
- **Continuous Measurement (Min/Max):** Tracks the minimum and maximum distances as you move the device, useful for finding precise points.
- **Area Measurement:** Calculates the area of a rectangular space by measuring two sides.
- **Volume Measurement:** Calculates the volume of a space by measuring three dimensions (length, width, height).
- **Pythagorean Measurement (2-Point):** Indirectly measures height or distance using two measurements and the

Pythagorean theorem.

- **Pythagorean Measurement (3-Point):** Indirectly measures height or distance using three measurements for more complex scenarios.



Image: A visual guide to the six primary measurement functions of the PREXISO P80GD, including length, indirect height, area, volume, and two Pythagorean modes.

3.4 Angle Sensor

The built-in digital vertical and horizontal tilt angle sensor provides real-time angle measurements, enhancing accuracy for certain applications.

ELECTRONIC ANGLE SENSOR

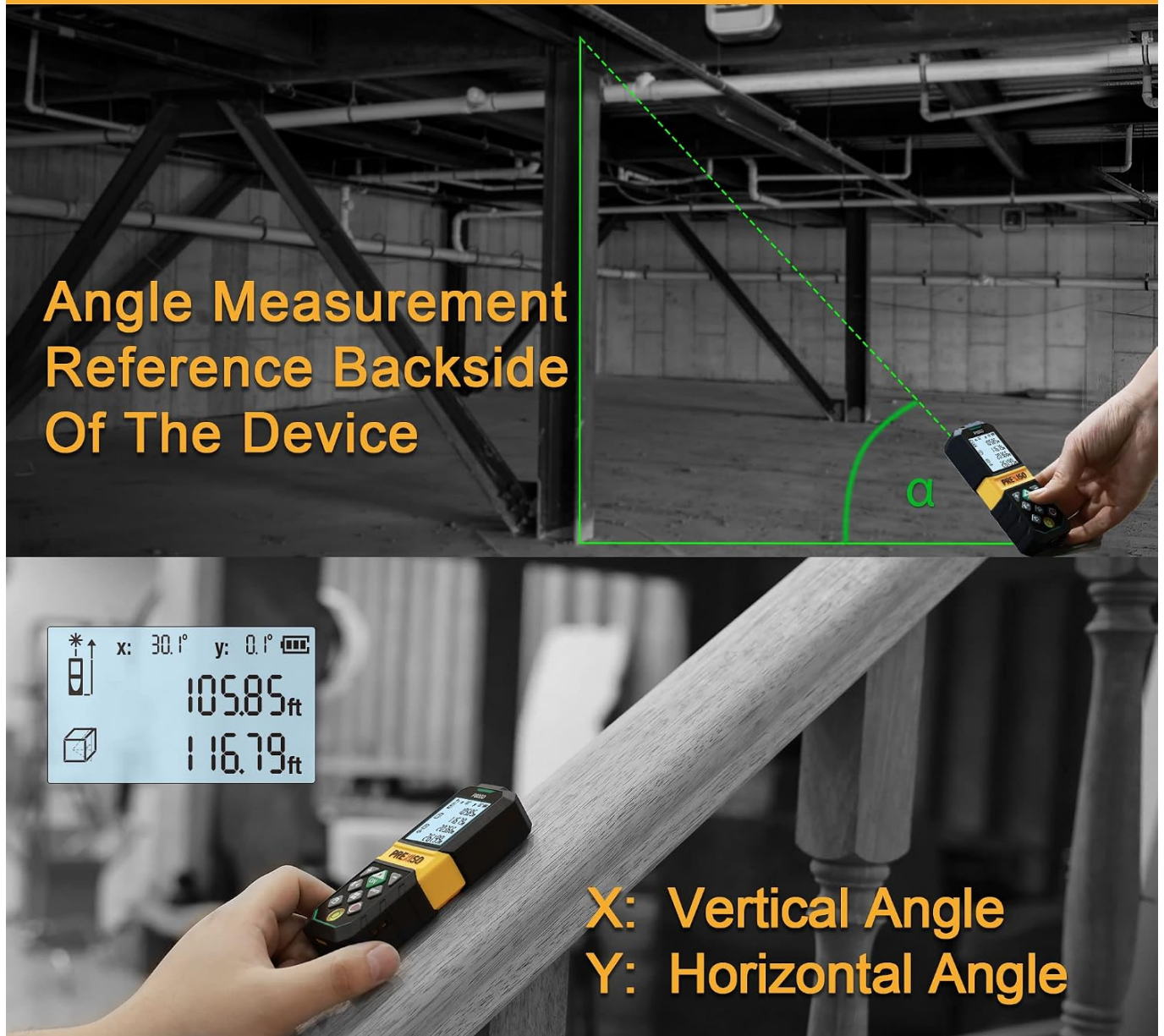


Image: Demonstration of the electronic angle sensor, showing how it measures angles relative to the device's backside and displays vertical (X) and horizontal (Y) angles.

3.5 Data Storage and Recall

The device can store up to 30 groups of measurement data. This allows for easy retrieval and review of past measurements.

- Measurements are automatically saved.
- Short press the **+** or **-** buttons to navigate through stored data.
- Long press to skip ten storage data entries.
- Press the **C** button to delete the current storage data.

DATA RECORD UP TO 30 GROUPS

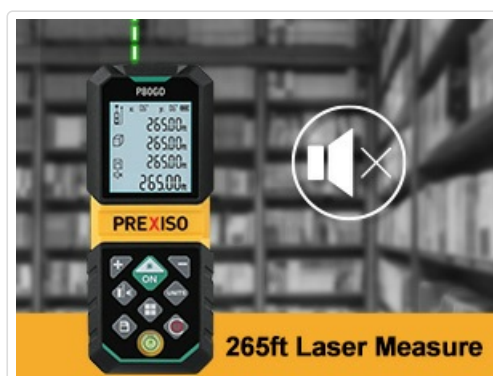
last 30 measurements are automatically stored



Image: Illustration of the data storage feature, showing how the last 30 measurements are automatically stored and can be retrieved or deleted.

3.6 Mute Function

The device includes a mute function to turn the beep sound on or off. This is useful for operating in quiet environments such as libraries or classrooms.



4. MAINTENANCE AND CARE

- **Cleaning:** Use a soft, damp cloth to clean the device. Do not use abrasive cleaners or solvents. Ensure the laser lens is kept clean for accurate measurements.
- **Storage:** Store the device in its portable bag in a cool, dry place when not in use. Avoid extreme temperatures and direct sunlight.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Recharge the device regularly, even if not in constant use.
- **Water Resistance:** The device has an IP54 rating, meaning it is protected against dust and splashing water. It is not recommended for outdoor use in heavy rain or submersion.

5. TROUBLESHOOTING

5.1 Common Issues and Solutions

Problem	Possible Cause	Solution
Device does not power on.	Low battery or completely discharged.	Charge the device using the provided USB-C cable.
Inaccurate measurements.	Incorrect measurement reference point selected; dirty laser lens; unstable surface.	Verify reference point setting; clean the laser lens; ensure device is on a stable surface.
Laser beam not visible outdoors.	High ambient light (e.g., direct sunlight).	The green laser is highly visible, but direct sunlight can still obscure it. This device is not recommended for outdoor use in bright conditions. Try to measure in shaded areas or during overcast days.
Device freezes or becomes unresponsive.	Temporary software glitch.	Power off the device by holding the OFF button, then power it back on.

6. SPECIFICATIONS

- **Model Name:** P80GD
- **Measuring Range:** Up to 265 feet (80 meters)
- **Accuracy:** ±1/8 inch (±3 mm)
- **Laser Type:** Class II laser product, output < 1mW (Green Beam)

- **Battery Type:** Lithium-Ion (Rechargeable via USB-C)
- **Automatic Shutdown:** After 120 seconds of inactivity
- **Data Storage:** Up to 30 groups
- **Dimensions:** Approximately 4.7 x 1.9 x 1.0 inches (Portable size)
- **Item Weight:** 190 Grams
- **Material:** Plastic with scratch-proof TPE soft rubber body
- **Water Resistance Level:** IP54 (Protected against dust and splashing water)
- **Included Components:** 1 x Green Beam Laser Distance Measure, 1 x Type-C Charging Cable, 1 x Portable Bag, 1 x Hand Strap



Image: The compact design of the PREXISO P80GD, highlighting its dimensions, built-in bubble vial for horizontal alignment, high accuracy, sound mode, auto power-off, and long distance capability.

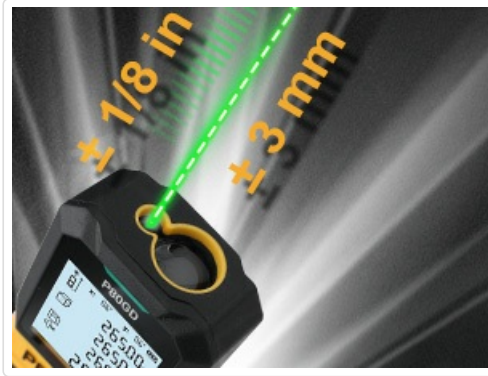


Image: A close-up of the PREXISO P80GD's green laser beam, illustrating its accuracy of $\pm 1/8$ inch or ± 3 mm.

7. WARRANTY AND SUPPORT

7.1 Warranty Information

The PREXISO P80GD Laser Measure comes with a two-year warranty from the manufacturer, Hang Zhou Great Star Industrial Co.,LTD. Please retain your proof of purchase for warranty claims.

7.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact PREXISO customer support. Refer to the product packaging or the official PREXISO website for the most current contact information.

© 2025 PREXISO. All rights reserved.

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