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> [PREXISO Mini Laser Measurement Tool, 135Ft Rechargeable Laser Distance Meter Ft/Ft+in/in/M Unit, Laser Measure with High Accuracy, Pythagorean, Distance, Area, Volume Modes](#)

### Prexiso P40B-3LI

# PREXISO Mini Laser Measurement Tool

Model: P40B-3LI

Brand: Prexiso

## 1. INTRODUCTION

The PREXISO Mini Laser Measurement Tool is a compact and versatile device designed for accurate distance measurements. Its small size and multiple functions make it suitable for a wide range of applications, from home DIY projects to professional construction tasks. This manual provides essential information on setup, operation, maintenance, and troubleshooting to ensure optimal performance and safety.



Figure 1: PREXISO Mini Laser Measurement Tool (Model P40B-3LI) showing its compact design, USB charging cable, and wrist strap.

## 2. SAFETY INFORMATION

**WARNING: This product contains a Class 2 laser. Do not stare into the laser beam. Avoid direct eye exposure.**

- Always read and understand the user manual before operating the device.
- Keep the device out of reach of children.
- Do not attempt to disassemble or modify the device.
- Use the device only for its intended purpose.
- Avoid using the device in extremely dusty or wet environments, although it has an IP54 rating for splash and dust resistance.

### **3. PACKAGE CONTENTS**

Verify that all items are present in the package:

- PREXISO Mini Laser Measuring Device 135Ft (contains Li-ion battery)
- USB charging cable
- User Manual
- Hand Strap
- Package Box

### **4. SETUP**

#### **4.1 Initial Charging**

Before first use, ensure the device is fully charged. If the screen does not light up, please charge the item first.

1. Locate the USB charging port on the device.
2. Connect the provided USB charging cable to the device and a compatible USB power source (e.g., computer, wall adapter).
3. The device will indicate charging status. A full charge typically takes 2-3 hours and provides 3-5 hours of continuous use.

Normal Laser Measures usually come with battery. Our Mini Laser equipped with Li-ion rechargeable pocket, more environmental and energy-saving.



## USB CHARGING

Fully charged in 2-3 hours.  
Battery lasts for 3-5 hours.



Figure 2: The device features a rechargeable Li-ion battery and charges via a standard USB cable.

### 4.2 Powering On/Off

- To power on, press the red 'LASER ON' button.
- The device will automatically shut down after 120 seconds of no operation to conserve battery life.

## 5. OPERATING MODES

The PREXISO Mini Laser Measurement Tool offers 6 distinct measurement modes:



Figure 3: Overview of the six available measurement functions.

### 5.1 Basic Operations

- **Changing Units:** Hold the 'UNITS' button for 3 seconds to switch between Ft (feet), Ft+In (feet and inches), In (inches), and M (meters).
- **Changing Measurement Reference:** Press the 'UNITS' button briefly to change the measurement reference point (front or rear of the device).



Figure 4: Key components and buttons for operation.

## 5.2 Measurement Modes Explained

1. **Single Distance Measurement:** Press the 'LASER ON' button once to activate the laser, then press it again to take a single measurement.
2. **Continuous Measurement:** Long press the 'LASER ON' button to enter continuous measurement mode. The device will continuously update the distance as you move. Press again to stop.
3. **Area Measurement:** Press the 'Area/Volume/Pythagoras' button until the area icon appears. Take two consecutive distance measurements (length and width). The device will automatically calculate and display the area.
4. **Volume Measurement:** Press the 'Area/Volume/Pythagoras' button until the volume icon appears. Take three consecutive distance measurements (length, width, and height). The device will calculate and display the volume.
5. **Pythagorean Method (2-Point):** Press the 'Area/Volume/Pythagoras' button until the 2-point Pythagorean icon appears. Measure the hypotenuse and one leg of a right triangle. The device calculates the other leg.
6. **Pythagorean Method (3-Point):** Press the 'Area/Volume/Pythagoras' button until the 3-point Pythagorean icon appears. Measure the hypotenuse, then the two legs. This mode is useful for indirect height or distance

measurements.



**1.15 in - 135 ft  
(0.35 - 40 m)**

**Accuracy  
 $\pm 1/8$  in /  $\pm 3$  mm**

**Unit Switch**  
Hold "UNITS" for 3 seconds to **switch unit** among M/In/Ft freely.

**Measure reference**  
Press "UNITS" to switch measure reference

**120s OFF**  
Device automatically turns off after 120 Seconds

**LI-ION BATTERY**  
Lithium battery charging

Figure 5: Key features including accuracy of  $\pm 1/8$  inch and auto-shutdown.



Figure 6: The device is suitable for measuring long distances in various environments.

Video 1: Official product video demonstrating the various measurement modes and ease of use of the PREXISO Mini Laser Measure.

## 6. MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the device. Do not use abrasive cleaners or solvents.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** Recharge the Li-ion battery regularly, even if the device is not in frequent use, to maintain battery health. Avoid fully discharging the battery for extended periods.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Screen does not light up	Low or no battery charge	Charge the device using the provided USB cable.
Inaccurate measurements	Measurement reference incorrect; rough surface; strong light interference	Check measurement reference point; use a flat target surface; use indoors or in shaded areas.
Device shuts off unexpectedly	Automatic shutdown activated; low battery	This is normal after 120 seconds of inactivity. If it happens during use, recharge the battery.

## 8. SPECIFICATIONS

Feature	Detail
Brand	Prexiso
Model Number	P40B-3LI
Measuring Range	1.15 in - 135 ft (0.35 - 40 m)
Accuracy	±1/8 inch (±3 mm)
Laser Class	Class 2, <1mW
Battery Type	Li-ion rechargeable battery
Battery Life	3-5 hours of use per charge
Charging Time	2-3 hours
Auto Shutdown	120 seconds of inactivity
Material	Acrylonitrile Butadiene Styrene (ABS)
Item Weight	90 Grams
Product Dimensions	0.79"L x 1.38"W x 2.76"H
International Protection Rating	IP54 (Dust and splash resistant)

## 9. WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the official user manual provided with your product or visit the [Prexiso Store on Amazon](#).

A downloadable PDF version of the user manual is also available: [User Manual \(PDF\)](#).

	<p><a href="#">Prexiso PLT40LI Rechargeable Laser &amp; Tape Measure User Manual</a></p> <p>User manual for the Prexiso PLT40LI, a 2-in-1 rechargeable laser distance meter and 16ft tape measure. Covers safety, setup, operations (single distance, continuous, area, volume, Pythagoras), technical data, troubleshooting, care, disposal, and warranty.</p>
	<p><a href="#">Prexiso PLT40LI Rechargeable Laser &amp; Tape Measure User Manual and Specifications</a></p> <p>Comprehensive guide for the Prexiso PLT40LI 2-in-1 rechargeable laser and tape measure, covering setup, operations, safety instructions, technical specifications, troubleshooting, and warranty information.</p>
	<p><a href="#">Prexiso PLT40LI Rechargeable Laser &amp; Tape Measure - 40M Laser, 5M Tape User Manual</a></p> <p>User manual for the Prexiso PLT40LI, a 2-in-1 rechargeable device combining a 40-meter laser distance meter and a 5-meter tape measure. Features include area, volume, and Pythagoras measurements, along with technical specifications, troubleshooting, and safety guidelines.</p>
	<p><a href="#">PREXISO P30B-3LI Laser Distance Measure User Manual</a></p> <p>Comprehensive user manual for the PREXISO P30B-3LI rechargeable pocket laser distance measure, covering safety, setup, operation, measuring functions, technical specifications, troubleshooting, and warranty information.</p>
	<p><a href="#">PREXISO P80E-8L Rechargeable Laser Distance Measure User Manual and Technical Specifications</a></p> <p>Official user manual and technical specifications for the PREXISO P80E-8L Rechargeable Laser Distance Measure, detailing its features, operation, safety guidelines, and warranty information.</p>
	<p><a href="#">PREXISO P40T Laser Distance Measure User Manual</a></p> <p>User manual for the PREXISO P40T Laser Distance Measure, covering setup, operation, functions, technical specifications, safety instructions, and warranty information.</p>