

## TECCPO TDLM26P

# TECCPO 50M Laser Distance Meter User Manual

Model: TDLM26P | Brand: TECCPO

## 1. INTRODUCTION

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Thank you for choosing the TECCPO 50M Laser Distance Meter. This device is designed for precise and efficient distance, area, and volume measurements, offering a range of advanced functions for various applications. Its compact design, fast USB charging, and robust IP54 rating make it a reliable tool for professionals and DIY enthusiasts alike. This manual provides detailed instructions for safe operation, setup, and maintenance of your device.

## 2. SAFETY INFORMATION

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Please read and understand all safety instructions before using the device. Failure to follow these instructions may result in laser radiation exposure, electric shock, fire, or serious injury.

- This device is a Class II laser product with an output power of  $<1\text{mW}$ . Do not stare directly into the laser beam.
- Avoid direct eye exposure to the laser beam. Do not aim the laser at people or animals.
- Do not disassemble or modify the device. Repairs should only be performed by authorized service personnel.
- Keep the device out of reach of children.
- Do not use the device in explosive atmospheres or near flammable liquids or gases.
- Ensure the device is clean and dry before use. The IP54 rating provides protection against dust and splashing water, but it is not waterproof.

## 3. PACKAGE CONTENTS

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Verify that all items listed below are included in your package:

- 1 x TECCPO Laser Distance Meter
- 1 x USB Charging Cable
- 1 x Carrying Pouch
- 1 x Hand Strap
- 1 x Reflector Plate
- 1 x User Manual (in French, but this document serves as the English manual)



Image: Contents of the TECCPO Laser Distance Meter package, showing the device, USB cable, carrying pouch, hand strap, and a reflector plate.

## 4. PRODUCT OVERVIEW

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### 4.1 Components and Display

Familiarize yourself with the main components and the display interface of your laser distance meter.



Image: Detailed diagram of the TECCPO Laser Distance Meter, highlighting its various buttons and display indicators for functions like laser activation, measurement modes, unit conversion, and data management.

- **Display:** 2.25-inch LCD with backlight for clear readings, even in bright conditions. Shows up to 5 lines of data.
- **READ Button:** Activates laser and takes measurements.
- **FUNC Button:** Cycles through measurement modes (Distance, Area, Volume, Pythagorean, Continuous, Addition/Subtraction).
- **+/- Buttons:** Used for addition and subtraction of measurements.
- **Unit Button:** Changes measurement units (Meters, Inches, Feet, Feet+Inches). Press and hold for 2 seconds to change.
- **Reference Point Button:** Switches between front, middle, and rear reference points for measurements.
- **Mute Button:** Toggles sound on/off.
- **Memory Button:** Accesses stored data (up to 99 groups).
- **OFF/CLEAR Button:** Powers off the device or clears current measurement.
- **Tripod Mount:** 1/4" screw hole for tripod compatibility.

## 5. SETUP

## 5.1 Charging the Device

The TECCPO Laser Distance Meter features a built-in rechargeable lithium battery, eliminating the need for disposable batteries. A full charge provides approximately 8000 measurements.

- Connect the included USB charging cable to the device's USB port and to a standard USB power source (e.g., computer, wall adapter).
- The battery indicator on the display will show charging status.
- A full charge typically takes about 30 minutes.

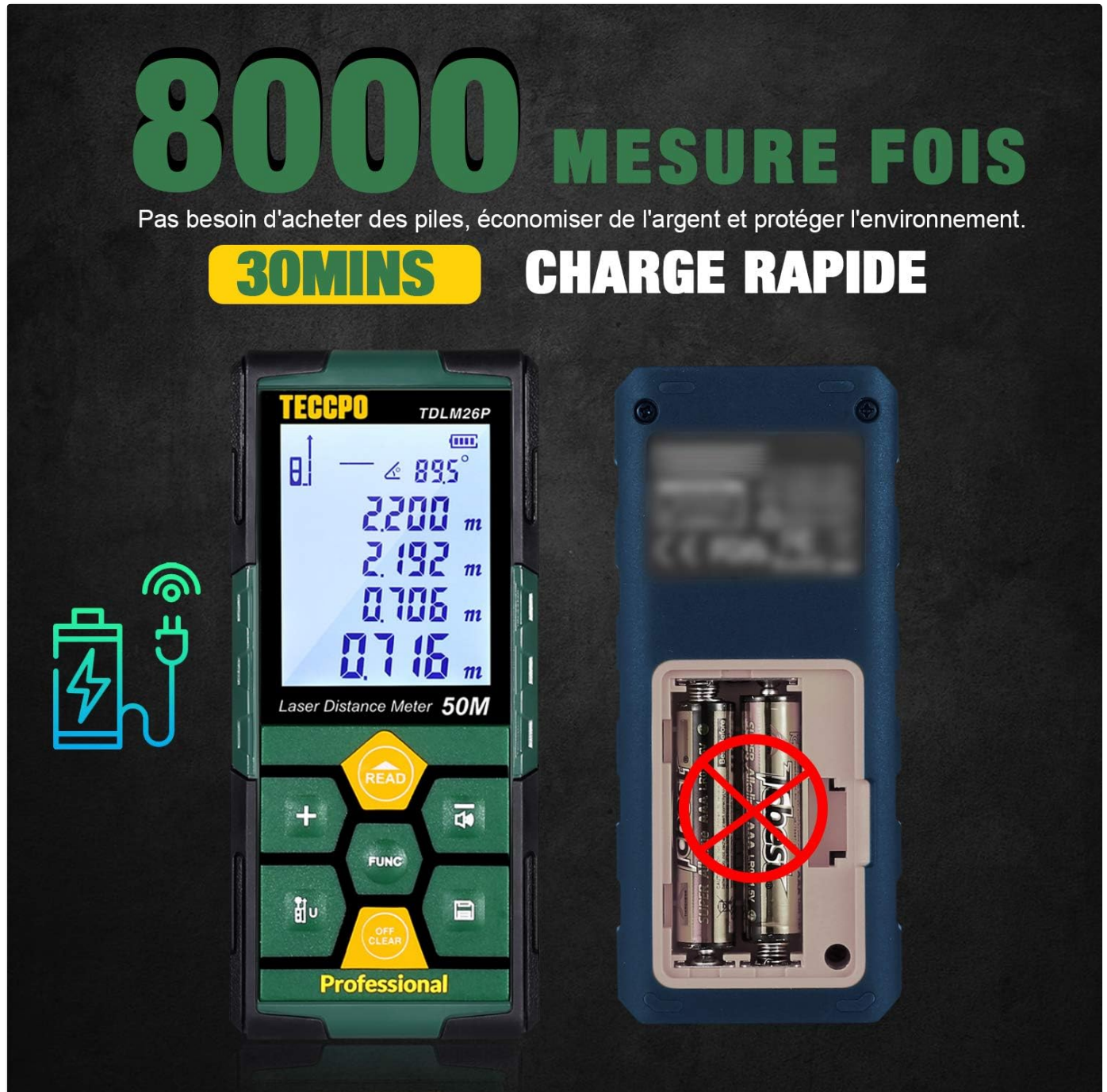


Image: Illustration of the TECCPO Laser Distance Meter's USB fast charging feature, highlighting its efficiency and environmental benefits compared to traditional battery-powered devices.

## 5.2 Powering On/Off

- **To Power On:** Press the **READ** button. The laser will activate.
- **To Power Off:** Press and hold the **OFF/CLEAR** button. The device will automatically shut off after 150 seconds of inactivity, and the laser will turn off after 20 seconds of inactivity.

## 6. OPERATING INSTRUCTIONS

### 6.1 Basic Measurement

- Point the laser at the target.
- Press the **READ** button once to activate the laser.
- Press the **READ** button again to take a measurement. The result will be displayed on the screen.

### 6.2 Unit Conversion

- To change the measurement unit (Meters, Inches, Feet, Feet+Inches), press and hold the **Unit** button for 2 seconds. The unit will cycle through the available options.



Image: Features of the TECCPO Laser Distance Meter, including its IP54 dust and splash protection, intelligent mute function for quiet environments, lightweight and portable design, and easy unit conversion between meters, feet, inches, and feet+inches.

### 6.3 Measurement Modes

Press the **FUNC** button to cycle through the following measurement modes:

- **Distance Measurement:** Standard single measurement.
- **Area Measurement:** Take two measurements (length and width) to calculate area.
- **Volume Measurement:** Take three measurements (length, width, height) to calculate volume.
- **Pythagorean Measurement (Indirect Measurement):** Use the Pythagorean theorem to calculate inaccessible heights or distances.
- **Continuous Measurement (Tracking):** Displays real-time distance as you move the device, showing maximum and minimum values.
- **Addition/Subtraction:** Add or subtract measurements by pressing the +/- buttons after taking a measurement.

### 6.4 Electronic Angle Sensor

The integrated electronic angle sensor provides real-time angle measurements, offering greater precision and intuition

compared to traditional bubble levels.



Image: The device's electronic angle sensor in action, showing a precise angle measurement on the display, which is more accurate and intuitive than traditional bubble levels.

## 6.5 Data Storage and Recall

The device can store up to 99 groups of measurement data, allowing for easy review and comparison.

- After taking a measurement, the data is automatically saved.
- Press the **Memory** button to access the stored data. Use the arrow buttons (if available, or +/-) to navigate through the records.



Image: The device's display showing multiple stored measurement records, demonstrating its capacity to save up to 99 data groups for later review and comparison.

## 6.6 Reference Point Selection

You can choose the measurement reference point from the front, middle, or rear of the device, which is useful for different measurement scenarios.

- Press the **Reference Point** button to toggle between the front, middle, and rear reference points. An icon on the display will indicate the selected reference point.

## 6.7 Mute Function

The mute function allows for silent operation, making it suitable for use in quiet environments such as libraries or classrooms.

- Press the **Mute** button to toggle the sound on or off.

## 7. MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the device. Do not use abrasive cleaners or solvents. Pay special attention to the laser lens and display, keeping them free of dust and debris.
- **Storage:** Store the device in its carrying pouch in a cool, dry place when not in use. Avoid extreme temperatures and direct sunlight.
- **Battery:** For optimal battery life, charge the device regularly, even if not in frequent use. Avoid completely draining the battery for extended periods.

## 8. TROUBLESHOOTING

If you encounter issues with your TECCPO Laser Distance Meter, refer to the table below for common problems and their solutions.

| Problem                    | Possible Cause                                                    | Solution                                                                                       |
|----------------------------|-------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| Device does not turn on.   | Low battery or no charge.                                         | Charge the device using the USB cable.                                                         |
| Inaccurate measurements.   | Laser lens is dirty; incorrect reference point; unstable surface. | Clean the lens; check and adjust the reference point; ensure stable measurement surface.       |
| Laser beam is not visible. | Bright ambient light; laser not activated.                        | Use in lower light conditions or use the reflector plate; press READ button to activate laser. |
| Display shows "Error".     | Measurement out of range; obstruction in laser path.              | Ensure target is within range (0.05-50m); clear any obstructions.                              |
| Sound not working.         | Mute function is active.                                          | Press the Mute button to deactivate mute.                                                      |

## 9. SPECIFICATIONS

| Feature                  | Detail                                                  |
|--------------------------|---------------------------------------------------------|
| Measuring Range          | 0.05 - 50 meters (164 feet)                             |
| Measurement Accuracy     | ± 2 mm                                                  |
| Laser Class              | Class II, <1mW output power                             |
| Display                  | 2.25" Backlit LCD                                       |
| Data Storage             | 99 groups                                               |
| Battery Type             | 3.7V 850mAh Lithium Battery                             |
| Battery Life             | Approx. 8000 measurements per charge                    |
| Charging                 | USB Fast Charging (approx. 30 mins)                     |
| IP Rating                | IP54 (Dust and Splash Protected)                        |
| Units of Measurement     | Meters (M), Inches (In), Feet (Ft), Feet+Inches (Ft+In) |
| Automatic Laser Shut-off | 20 seconds                                              |

| Feature                   | Detail              |
|---------------------------|---------------------|
| Automatic Device Shut-off | 150 seconds         |
| Dimensions                | 11.7 x 5.2 x 2.6 cm |
| Weight                    | 125 grams           |

## 10. WARRANTY AND SUPPORT

TECCPO provides a **24-month warranty** for this Laser Distance Meter from the date of purchase. This warranty covers manufacturing defects and material faults under normal use.

The warranty does not cover damage caused by misuse, unauthorized modification, accident, neglect, or improper maintenance. Please retain your purchase receipt as proof of purchase for warranty claims.

For technical support, warranty claims, or any questions regarding your device, please contact TECCPO customer service through the official website or your point of purchase. Refer to the contact information provided in your original product packaging or on the TECCPO official website for the most up-to-date support channels.

This product is certified with CE / FDA / FCC / ROHS standards.

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### 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

