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> [atolla Laser Distance Meter T201-100 User Manual](#)

## atolla T201-100

# atolla Laser Distance Meter T201-100 User Manual

Model: T201-100

## 1. INTRODUCTION

Thank you for choosing the atolla T201-100 Laser Distance Meter. This device is designed for precise and efficient measurement of distances, areas, and volumes. Its compact design, high accuracy, and multiple measurement modes make it an ideal tool for various applications in construction, interior design, and DIY projects. Please read this manual carefully before using the device to ensure safe and optimal operation.

## 2. SAFETY INFORMATION

This device uses a Class II laser with an output of less than 1mW. Adhere to the following safety guidelines:

- Do not stare directly into the laser beam.
- Do not aim the laser beam at people or animals.
- Avoid direct eye exposure to the laser beam.
- Keep the device out of reach of children.
- Do not attempt to modify or disassemble the device.

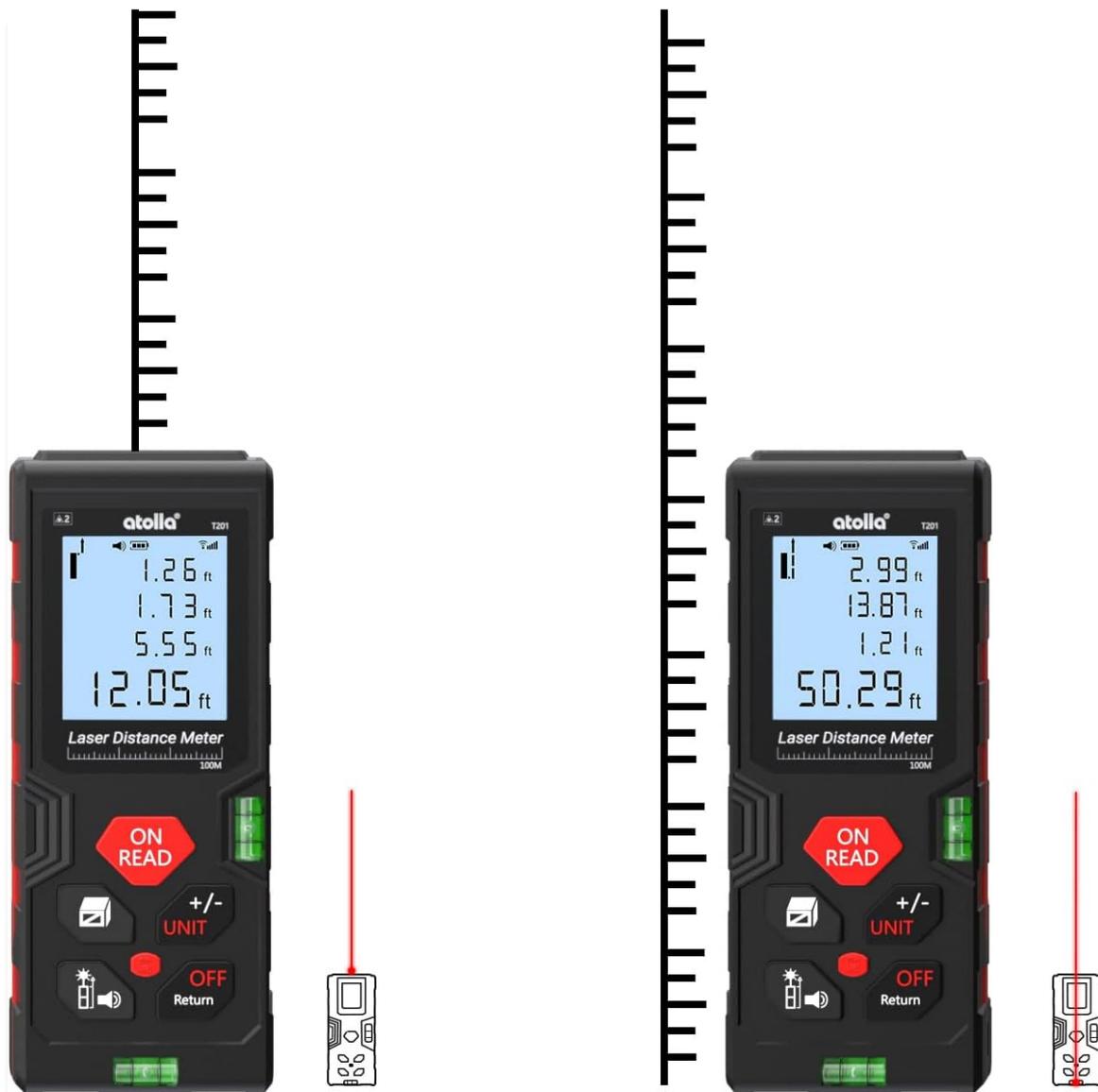
## 3. PRODUCT OVERVIEW

The atolla T201-100 is a compact and robust laser distance meter featuring a high-visibility backlit LCD and dual horizontal bubble levels for enhanced accuracy. It is constructed from durable plastic and is resistant to water and dust (IP54 rated).

# Botones de función



Figure 1: Product Overview with Labeled Buttons and Display. Key buttons include ON/READ, +/- UNIT, History, Reference/Mute, and OFF/Return.



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## Dos Puntos de Referencia

Figure 2: The device features dual bubble levels for precise horizontal and vertical alignment during measurements.

### 4. SETUP

#### 4.1. Battery Installation

The device requires 2 AAA alkaline batteries (included). To install or replace batteries:

1. Open the battery compartment cover located on the back of the device.
2. Insert the 2 AAA batteries, ensuring correct polarity (+/-).
3. Close the battery compartment cover securely.



Figure 3: The battery compartment is located on the rear of the device.

## 5. OPERATING INSTRUCTIONS

### 5.1. Power On/Off

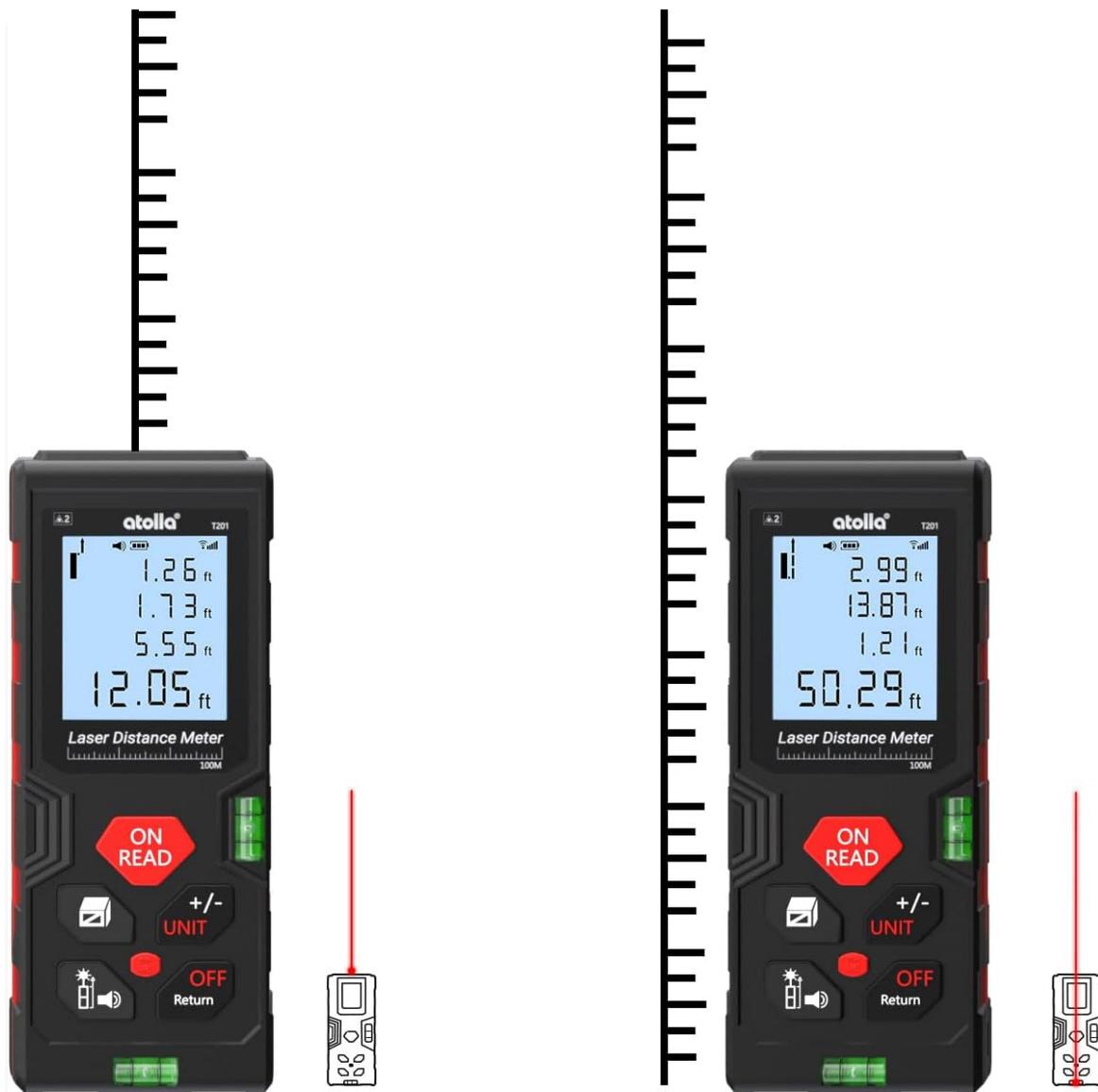
- **Power On:** Press the **ON/READ** button once. The display will light up.
- **Power Off:** Long press the **OFF/Return** button. The device will automatically power off after 150 seconds of inactivity.

### 5.2. Basic Distance Measurement

1. Press the **ON/READ** button once to activate the laser.
2. Aim the laser dot at the target point.
3. Press the **ON/READ** button again to take the measurement. The result will be displayed on the screen.

### 5.3. Changing Measurement Reference Point

The device allows you to set the measurement reference point from either the front or the rear of the device. The default is usually the rear. Press the **Reference/Mute** button to toggle between front and rear reference points. An icon on the display will indicate the current reference point.



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## Dos Puntos de Referencia

Figure 4: The device supports both front and rear measurement reference points for flexibility.

### 5.4. Continuous Measurement (Min/Max)

This mode allows for dynamic measurement, displaying the minimum and maximum distances as you move the device. This is useful for finding the shortest or longest distance to a target.

1. Press the **MEAS** button (or the button with multiple squares icon) repeatedly until the continuous measurement icon appears.
2. Press **ON/READ** to start continuous measurement.
3. Move the device slowly. The display will show real-time, minimum, and maximum distances.
4. Press **ON/READ** again to stop.

# Medición continua

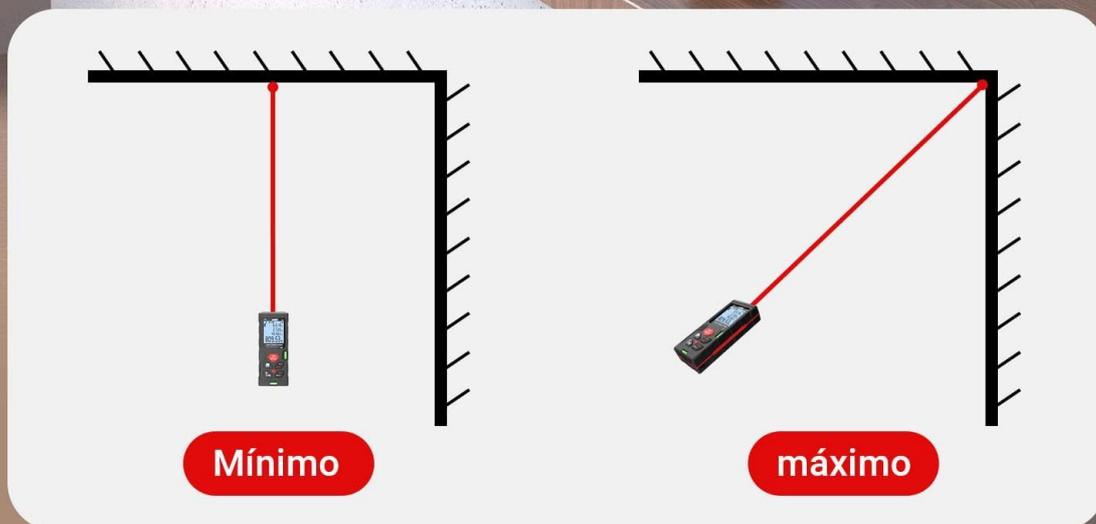


Figure 5: Continuous measurement mode displays minimum and maximum distances, useful for scanning areas.

## 5.5. Area, Volume, and Pythagorean Measurement

The device supports various advanced measurement functions:

- **Area Measurement:** Press the **MEAS** button until the area icon (rectangle) appears. Measure the length and width sequentially. The device will calculate and display the area.
- **Volume Measurement:** Press the **MEAS** button until the volume icon (cube) appears. Measure length, width, and height sequentially. The device will calculate and display the volume.
- **Pythagorean Measurement:** Press the **MEAS** button until the Pythagorean icon (triangle) appears. Follow the on-screen prompts to measure the required sides (hypotenuse and one leg) to indirectly calculate the third side.

# Múltiples modos de medición

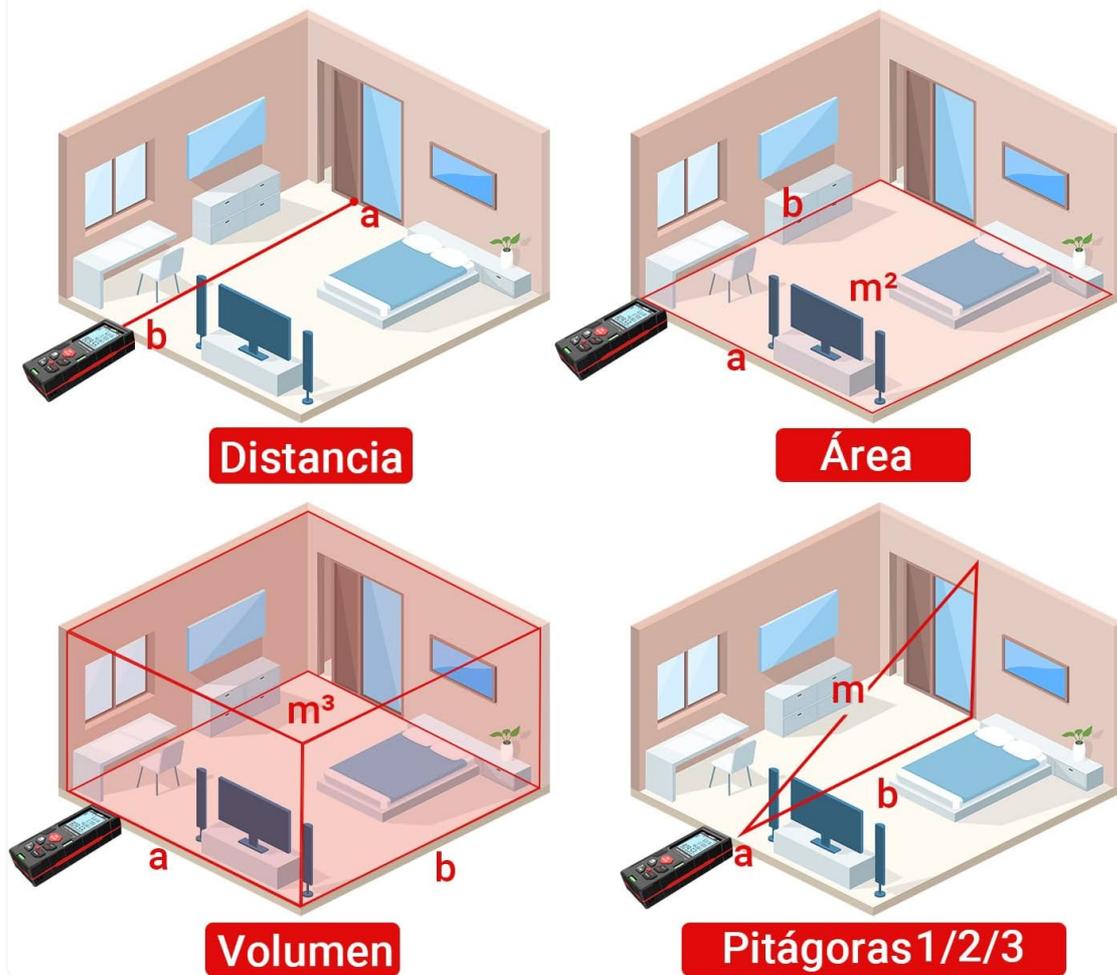


Figure 6: Visual guide to various measurement modes including distance, area, volume, and Pythagorean calculations.

## 5.6. Addition and Subtraction of Measurements

You can add or subtract measurements directly on the device:

1. Take the first measurement.
2. Press the **+** button for addition or the **-** button for subtraction.
3. Take the second measurement. The device will display the calculated sum or difference.

## 5.7. Unit Conversion

The device supports multiple units of measurement (feet, meters, inches, feet+inches). Press the **UNIT** button to cycle through the available units.



Figure 7: The display clearly indicates the selected unit of measurement.

### 5.8. Memory Storage

The atolla T201-100 can store up to 20 sets of measurement data. Use the **History** button to access and review stored measurements.

## Almacenamiento de memoria

hasta 20 conjuntos de datos

**Cambio de unidades**

**Suma y Resta**

Figure 8: The device stores up to 20 measurement records and allows for easy unit conversion and arithmetic operations.

## 5.9. Mute Function

For quiet environments, the device features a mute function. Press the **Reference/Mute** button (long press) to toggle the sound on or off.

## 6. MAINTENANCE

- Clean the device with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Keep the laser lens clean to ensure accurate measurements.
- Store the device in a dry, cool place when not in use.
- Remove batteries if the device will not be used for an extended period to prevent leakage.

## 7. TROUBLESHOOTING

- **Device not powering on:** Check if batteries are correctly installed and have sufficient charge. Replace if necessary.
- **Inaccurate measurements:** Ensure the laser lens is clean and free from obstructions. Verify the measurement reference point is correctly set.
- **Error message on display:** Refer to the specific error code in the full product manual (if available) or contact customer support.

## 8. SPECIFICATIONS

Feature	Specification
Manufacturer	Ruiwei Technology (Shenzhen) Co., LTD.
Model Number	T201-100
Dimensions	12.65 x 5 x 2.85 cm
Weight	130 g
Measurement Range	Up to 100 m (328 feet)
Accuracy	± 2 mm
Laser Class	Class II, <1mW
Water Resistance	IP54 (Water and Dust Resistant)
Power Source	2 AAA Alkaline Batteries (included)
Display	Large Backlit LCD

Memory Records	Up to 20
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## 9. WARRANTY AND SUPPORT

atolla products are designed for quality and reliability. For warranty information or technical support, please refer to the documentation included with your purchase or visit the official atolla website. Keep your purchase receipt as proof of purchase for warranty claims.