

**atolla T201**

# atolla Laser Distance Meter User Manual

Model: T201

## 1. INTRODUCTION

Thank you for choosing the atolla Laser Distance Meter, Model T201. This compact and versatile device is designed to provide accurate and efficient measurements for a wide range of applications, from home DIY projects to professional construction tasks. With its advanced laser technology, multiple measurement modes, and user-friendly interface, the T201 simplifies complex measuring processes.



Figure 1: atolla Laser Distance Meter (Model T201) with accessories.

## 2. SAFETY INFORMATION

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

**Laser output is less than 1mW.**

- Do not attempt to modify or disassemble the device.
  - Keep the device out of reach of children.
  - Use only specified batteries (2 AAA).
  - Do not use the device in explosive environments or near flammable materials.
  - Protect the device from extreme temperatures and direct sunlight.
  - Clean the device with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
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## 3. SETUP

### 3.1 Battery Installation

The atolla Laser Distance Meter requires two AAA batteries (included). To install or replace batteries:

1. Locate the battery compartment cover on the rear of the device.
2. Slide the cover downwards to open the compartment.
3. Insert two AAA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover by sliding it upwards until it clicks into place.

### 3.2 Powering On/Off

- To power on the device, press the **ON/READ** button. The backlit LCD will illuminate.
  - To power off the device, press and hold the **OFF/Return** button for a few seconds, or the device will automatically turn off after 3 minutes of inactivity to conserve battery life.
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## 4. OPERATING THE DEVICE

### 4.1 Button Functions Overview

# Function Buttons

60m



Figure 2: Key button functions on the atolla Laser Distance Meter.

- **ON/READ Button:** Powers on the device, initiates a measurement, or confirms a selection.
- **+/- UNIT Button:** Toggles between addition/subtraction mode and changes measurement units (meters, inches, feet).
- **Area/Volume/Indirect Measurement Button:** Cycles through different measurement modes (Area, Volume, Pythagorean).
- **Reference Button / Mute Button:** Changes the measurement reference point (front or rear of the device) or mutes/unmutes the device sounds.
- **History Button:** Accesses the memory to review the last 20 measurements.
- **OFF/Return Button:** Powers off the device or returns to the previous screen/mode.

## 4.2 Changing Measurement Units

The device supports measurements in meters (m), inches (in), and feet (ft). To change the unit:

1. Press the **+/- UNIT** button repeatedly to cycle through the available units.
2. The selected unit will be displayed on the LCD.



## Changing Display Units

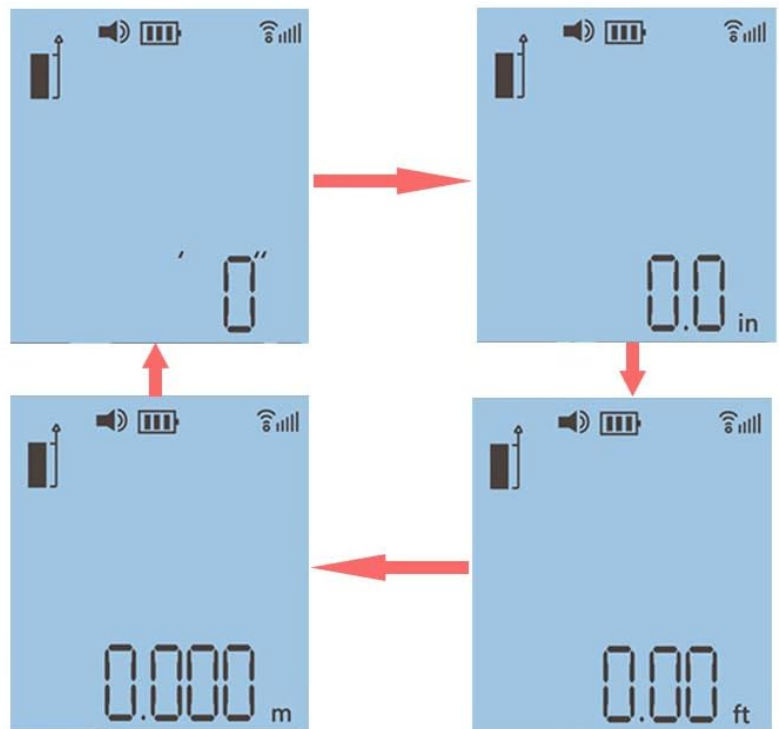


Figure 3: Displaying measurements in different units.

### 4.3 Setting Reference Point

Measurements can be taken from the front or the rear of the device. The default reference point can be adjusted by +/- 7mm if necessary for calibration.

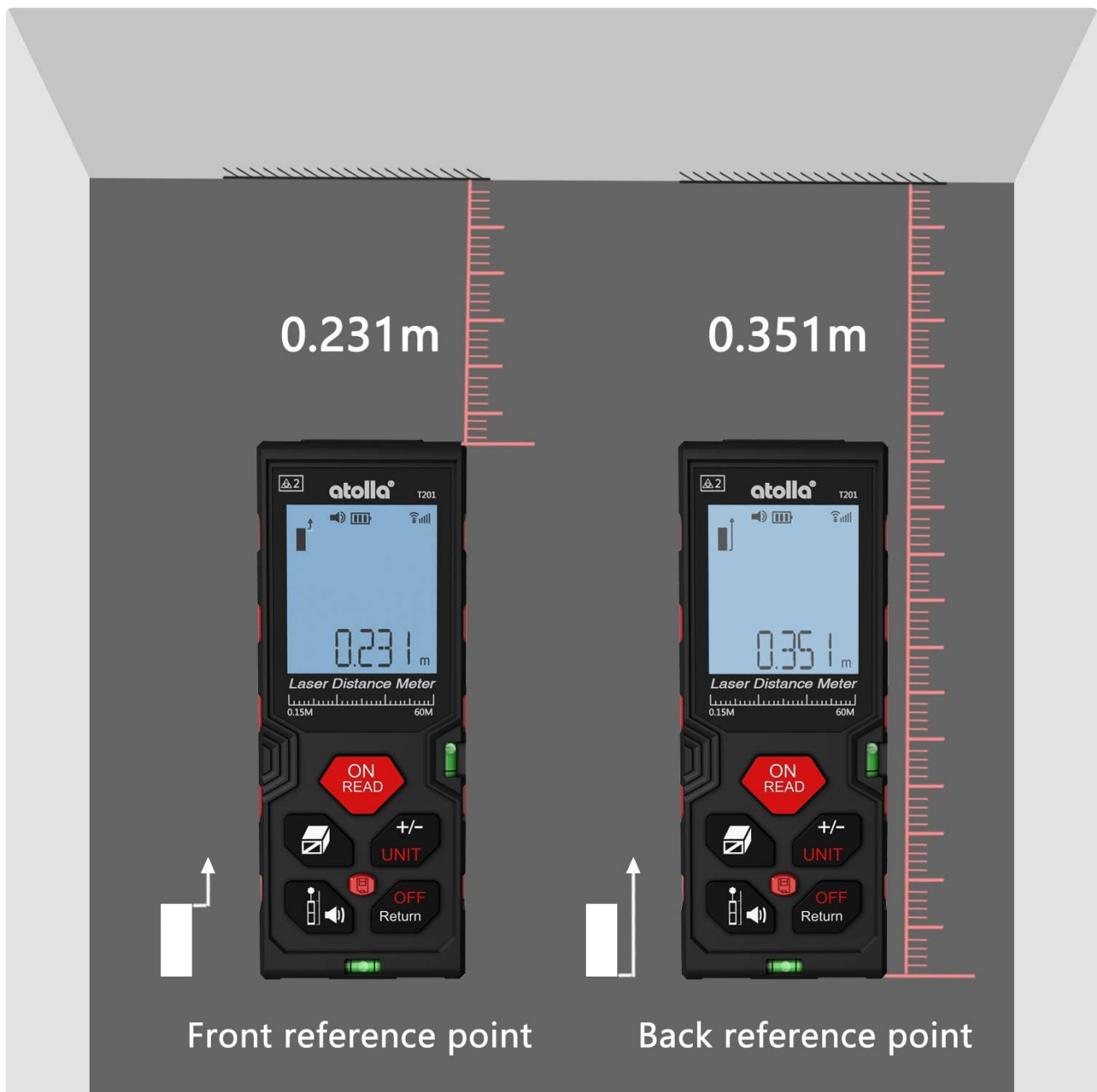


Figure 4: Front vs. Back Reference Point.

#### 4.4 Measurement Modes

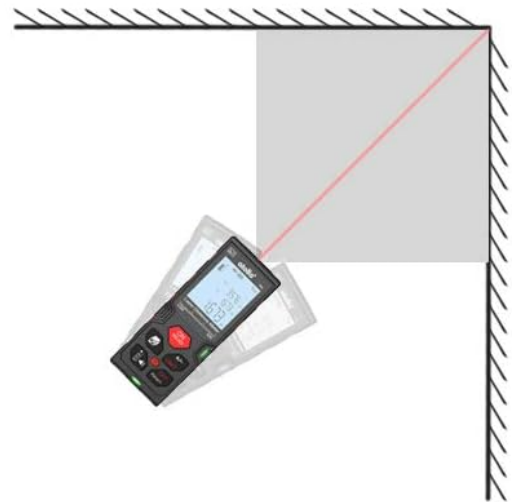
The atolla Laser Distance Meter offers several measurement modes:

- **Single Measurement:** Press **ON/READ** once to activate the laser, then again to take a single measurement.
- **Continuous Measurement (Min/Max):** Press and hold the **ON/READ** button to enter continuous measurement mode. The device will continuously measure and display the current, minimum, and maximum distances. Press **ON/READ** again to stop.

# Continuous Measurement



## Max. and Min



## Measurement

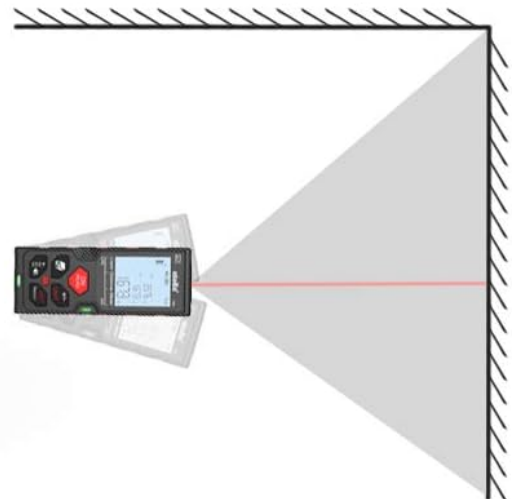
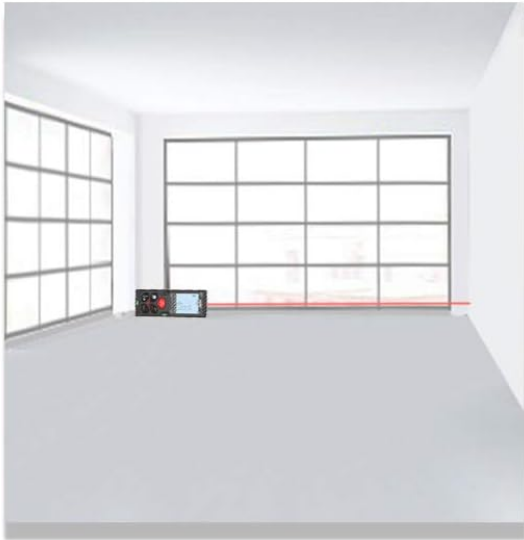


Figure 5: Continuous Measurement Mode.

- **Area Measurement:** Press the **Area/Volume/Indirect Measurement** button once. The display will show an icon for area. Take two consecutive measurements (length and width). The device will automatically calculate and display the area.
- **Volume Measurement:** Press the **Area/Volume/Indirect Measurement** button twice. The display will show an icon for volume. Take three consecutive measurements (length, width, and height). The device will automatically calculate and display the volume.
- **Pythagorean Measurement:** Press the **Area/Volume/Indirect Measurement** button repeatedly until the desired Pythagorean mode icon appears (e.g., for indirect height or length). Follow the on-screen prompts to

take the required measurements (e.g., hypotenuse and one side). The device will calculate the unknown side.

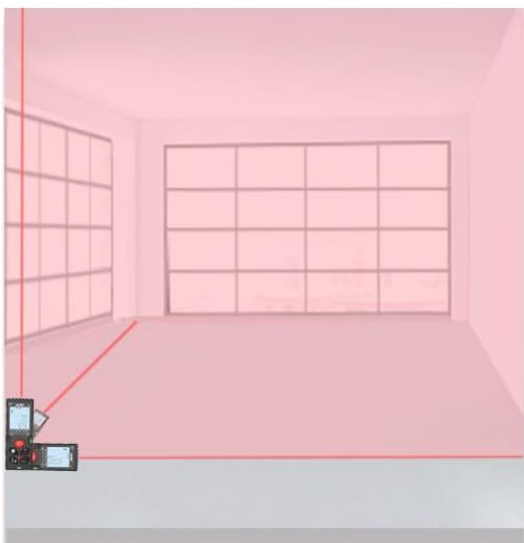
## Measurements



## Area Measurement



## Volume Measurement



## Using Two Points

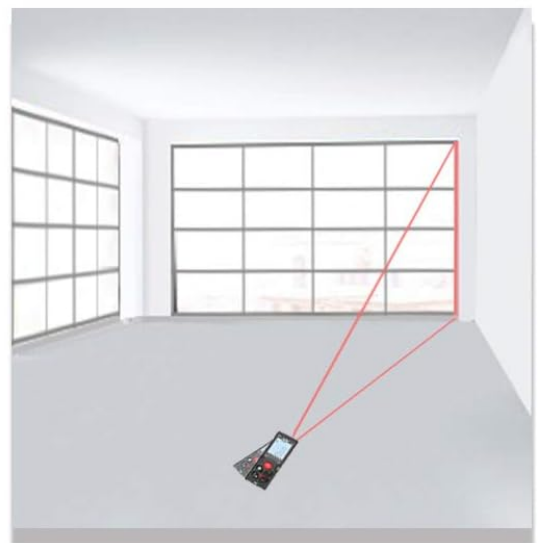


Figure 6: Area, Volume, and Pythagorean Measurement Modes.

### 4.5 Addition and Subtraction

In measurement mode, press the **+/- UNIT** button to switch between addition (+) and subtraction (-) operations. Take subsequent measurements, and the device will add or subtract them from the previous result.

### 4.6 Mute Function

To mute or unmute the device's sounds (e.g., button presses, measurement confirmations), press the **Reference Button / Mute Button** (speaker icon) briefly.

### 4.7 Reviewing Measurement History

The device can save up to 20 measurement records. To review them, press the **History** button (book icon). Use the **+/- UNIT** buttons to navigate through the stored measurements.



Figure 7: Reviewing Measurement History and Mute Function.

#### 4.8 Product Demonstration Video

Video 1: Official atolla Laser Measure demonstration, showcasing various features and applications.

### 5. MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the device. Do not use abrasive materials or solvents. Ensure the laser lens is kept clean for accurate measurements.
- **Storage:** When not in use for extended periods, remove the batteries to prevent leakage. Store the device in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Water and Dust Resistance:** The device has an IP54 rating, meaning it is protected against dust ingress and splashing water from any direction. While resistant, avoid submerging the device in water.

## 6. TROUBLESHOOTING

- **Device not powering on:** Check battery installation and ensure batteries are not depleted. Replace if necessary.
- **Inaccurate measurements:** Ensure the laser lens is clean. Verify the correct reference point is selected (front or rear). Ensure the target surface is reflective enough and the device is stable.
- **Display not visible:** Check battery level. Ensure the backlit display is enabled (if applicable, refer to advanced settings in the full manual).
- **No sound:** Check if the mute function is activated. Press the mute button to toggle sound.

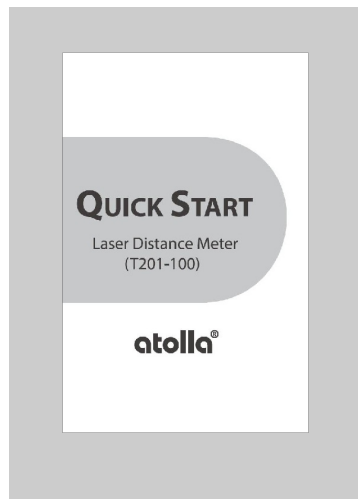
## 7. SPECIFICATIONS

| Feature                | Specification                                           |
|------------------------|---------------------------------------------------------|
| Brand                  | atolla                                                  |
| Model Number           | T201                                                    |
| Measuring Range        | 0.15 to 60m (196Ft)                                     |
| Accuracy               | ±2mm                                                    |
| Laser Class            | Class II, <1mW                                          |
| Units of Measurement   | m / in / ft                                             |
| Measurement Modes      | Single, Continuous (Min/Max), Area, Volume, Pythagorean |
| Memory Storage         | Up to 20 records                                        |
| Auto-Off Function      | 3 minutes of inactivity                                 |
| Water Resistance Level | IP54 (Water Resistant & Dustproof)                      |
| Power Source           | 2 x AAA batteries (included)                            |
| Item Weight            | 111 Grams (3.92 ounces)                                 |
| Product Dimensions     | 1.85"L x 0.98"W x 4.8"H                                 |
| Color                  | Black                                                   |

## 8. WARRANTY AND SUPPORT

atolla products are designed for reliability and performance. For warranty information, technical support, or any inquiries regarding your Laser Distance Meter, please visit the official atolla store or contact customer service through the platform where you purchased the product.

Official atolla Store: <https://www.amazon.com/stores/atolla/page/DE747691-F2A8-46A1-96BB-A8B09E82746F>



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minutes inactivity Long press CLR to switch manually 4 Press cancel last action performed or clear data  
displayed on screen 5 UNIT change measure ft feet in Extech Manual instrumart assets DT Series Meters  
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## USER MANUAL Laser Distance Meter MODELS DT40M, DT60M, and DT100M

Contents Introduction ..... 3

Safety Instructions ..... 3

Descriptions.....

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