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› [atolla 328Ft Digital Laser Measurement Tool \(Model T201-100\) User Manual](#)

**atolla T201-100**

# atolla 328Ft Digital Laser Measurement Tool

**MODEL: T201-100 USER MANUAL**

## 1. Introduction

Thank you for choosing the atolla 328Ft Digital Laser Measurement Tool. This device is designed for precise distance, area, and volume measurements, offering various functions to assist in professional and DIY projects. Please read this manual thoroughly before use to ensure safe and optimal operation.



Image: The atolla 328Ft Digital Laser Measurement Tool, showing the device, wrist strap, and two AAA batteries.

## 2. Safety Information

This device emits a Class II laser. Observe the following safety precautions:

- Do not stare directly into the laser beam.
- Do not aim the laser beam at people or animals.
- Avoid using the device in explosive environments.
- Keep the device out of reach of children.
- Do not attempt to modify or disassemble the device.
- Use only specified batteries.

### 3. Product Overview

Familiarize yourself with the components and display of your laser measurement tool.

#### 3.1 Function Buttons

# Function Buttons



*Image: A detailed diagram illustrating the function buttons on the atolla laser measurement tool, including ON/READ, Area/Volume/Indirect Measurement, Reference/Mute, Addition (+)/Subtraction (-)/Unit, History, and Return/OFF.*

- **ON/READ**: Powers on the device, activates laser, initiates measurement.
- **Area/Volume/Indirect Measurement**: Cycles through measurement modes.
- **Reference/Mute**: Changes measurement reference point (front/back) or mutes sound.
- **+/-UNIT**: Switches between addition/subtraction mode or changes measurement units (m/in/ft+in).
- **History**: Accesses stored measurement records.
- **OFF/Return**: Powers off the device or returns to the previous screen.

#### 3.2 Display Icons

The LCD backlit display shows measurement data, mode indicators, battery status, and other relevant information for clear readability in various conditions.

## 4. Setup

### 4.1 Battery Installation

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

### 4.2 Initial Power On

Press the **ON/READ** button to power on the device. The display will illuminate, and the device will be ready for use.

## 5. Operating Instructions

### 5.1 Basic Distance Measurement

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

### 5.2 Changing Measurement Units

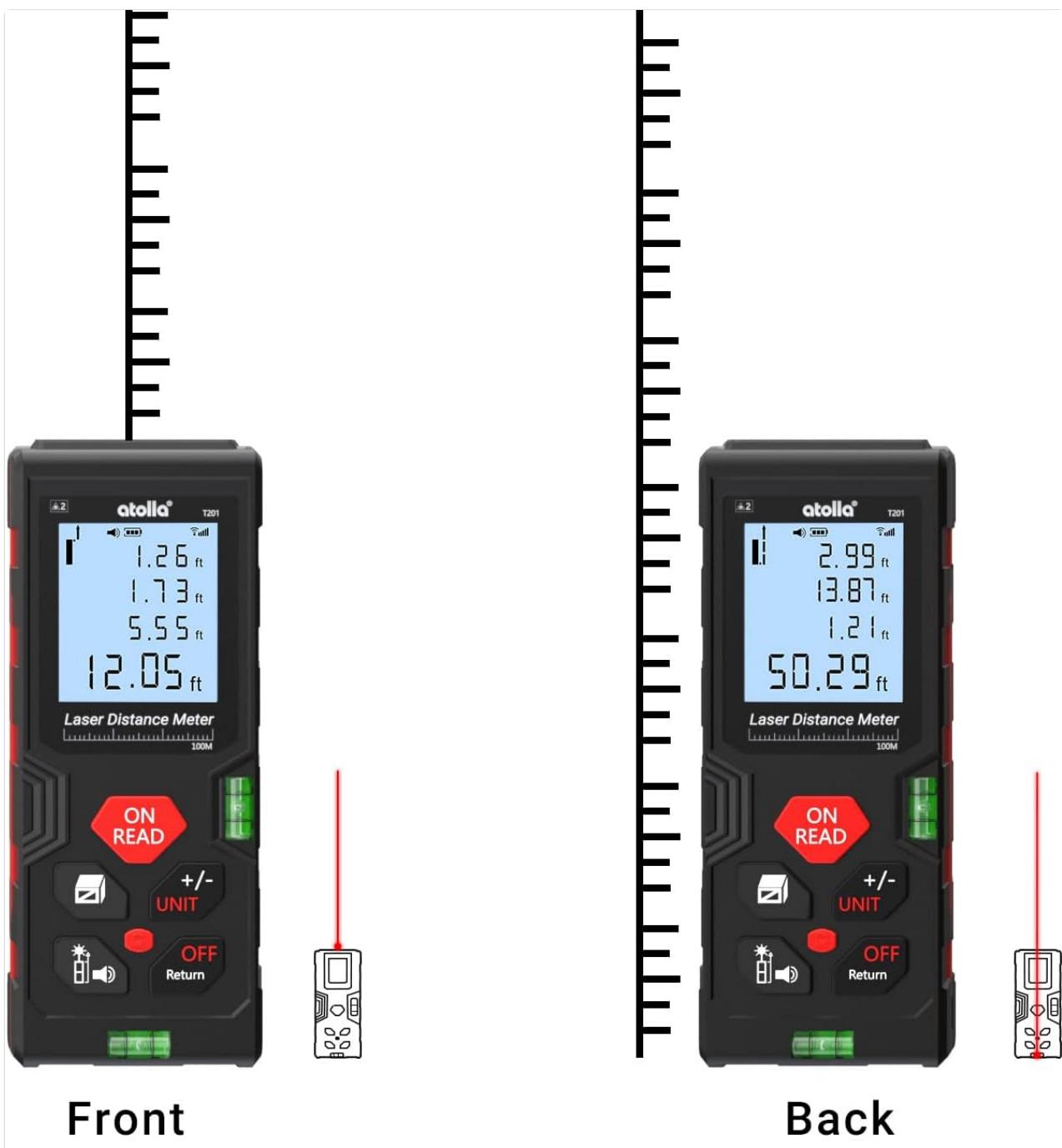
Press the **UNIT** button to cycle through available units: meters (m), inches (in), feet (ft), and feet+inches (ft+in).



*Image: The device display showing various unit options (m, ft, in, ft/in) for measurement results.*

### 5.3 Setting Reference Points

The device can measure from its front or back edge. Press the **Reference** button to switch between these two reference points. An icon on the display will indicate the active reference point.



## Two Reference Points

*Image: A visual representation of the two reference points (front and back) on the laser measurement tool, indicating where measurements originate.*

### 5.4 Mute Function

To mute the device's sound, press and hold the **Mute** button. Repeat to unmute.

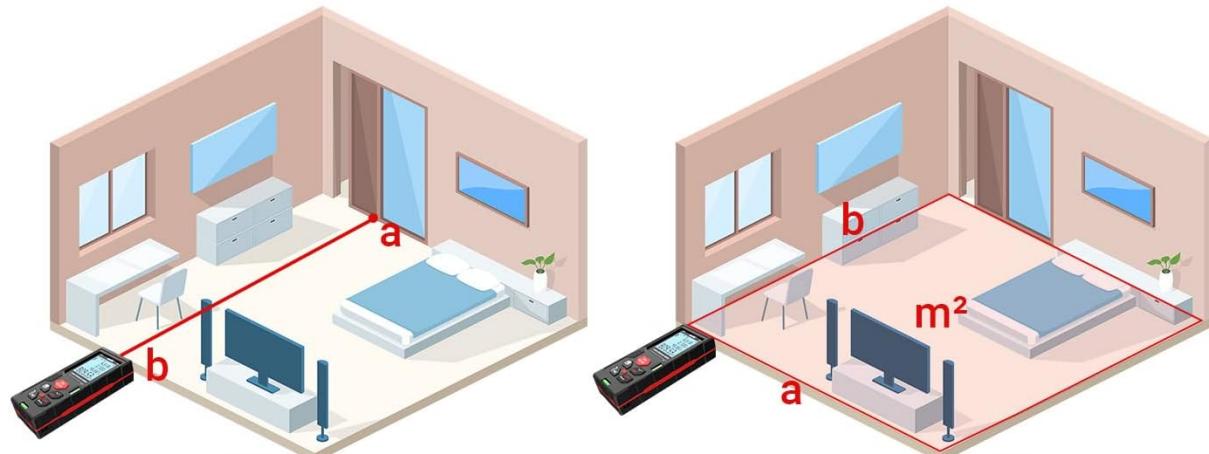


*Image: The atolla laser measurement tool being used in a quiet environment, highlighting its mute function.*

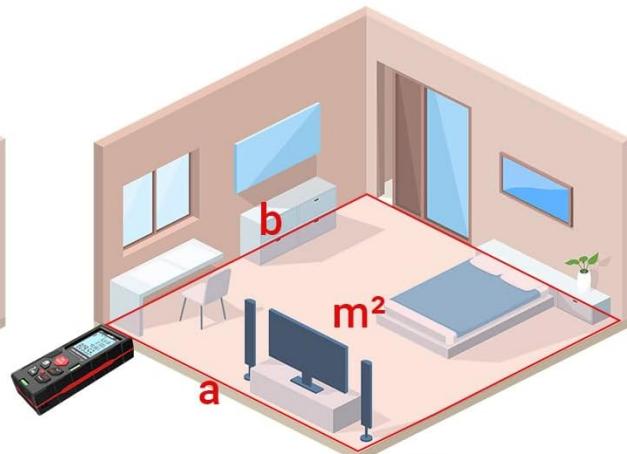
## 6. Measurement Modes

Press the **Area/Volume/Indirect Measurement** button to cycle through the following modes:

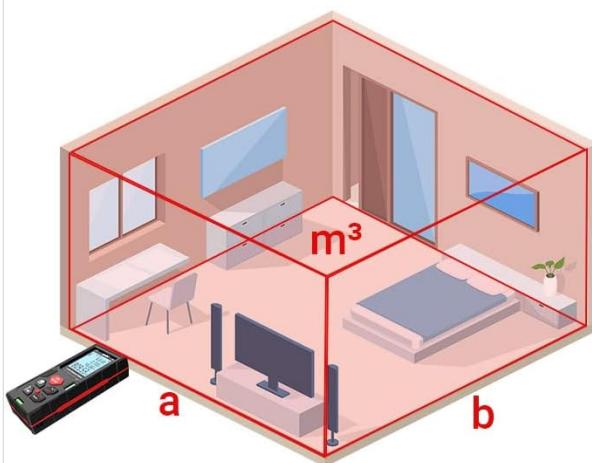
### Multiple Measurement Modes



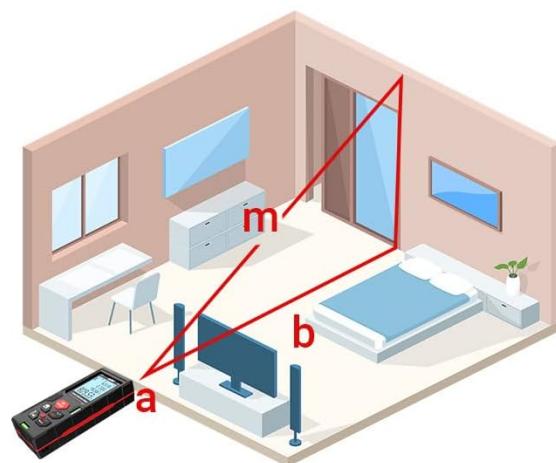
Distance



Area



Volume



Pythagorean

*Image: Illustrations demonstrating the four primary measurement modes: single distance, area calculation,*

volume calculation, and Pythagorean theorem for indirect height measurement.

## 6.1 Single Distance Measurement

Measures the linear distance between two points. (Refer to 5.1 Basic Distance Measurement).

## 6.2 Area Measurement

1. Select Area mode.
2. Measure the length.
3. Measure the width. The device will automatically calculate and display the area.

## 6.3 Volume Measurement

1. Select Volume mode.
2. Measure the length.
3. Measure the width.
4. Measure the height. The device will automatically calculate and display the volume.

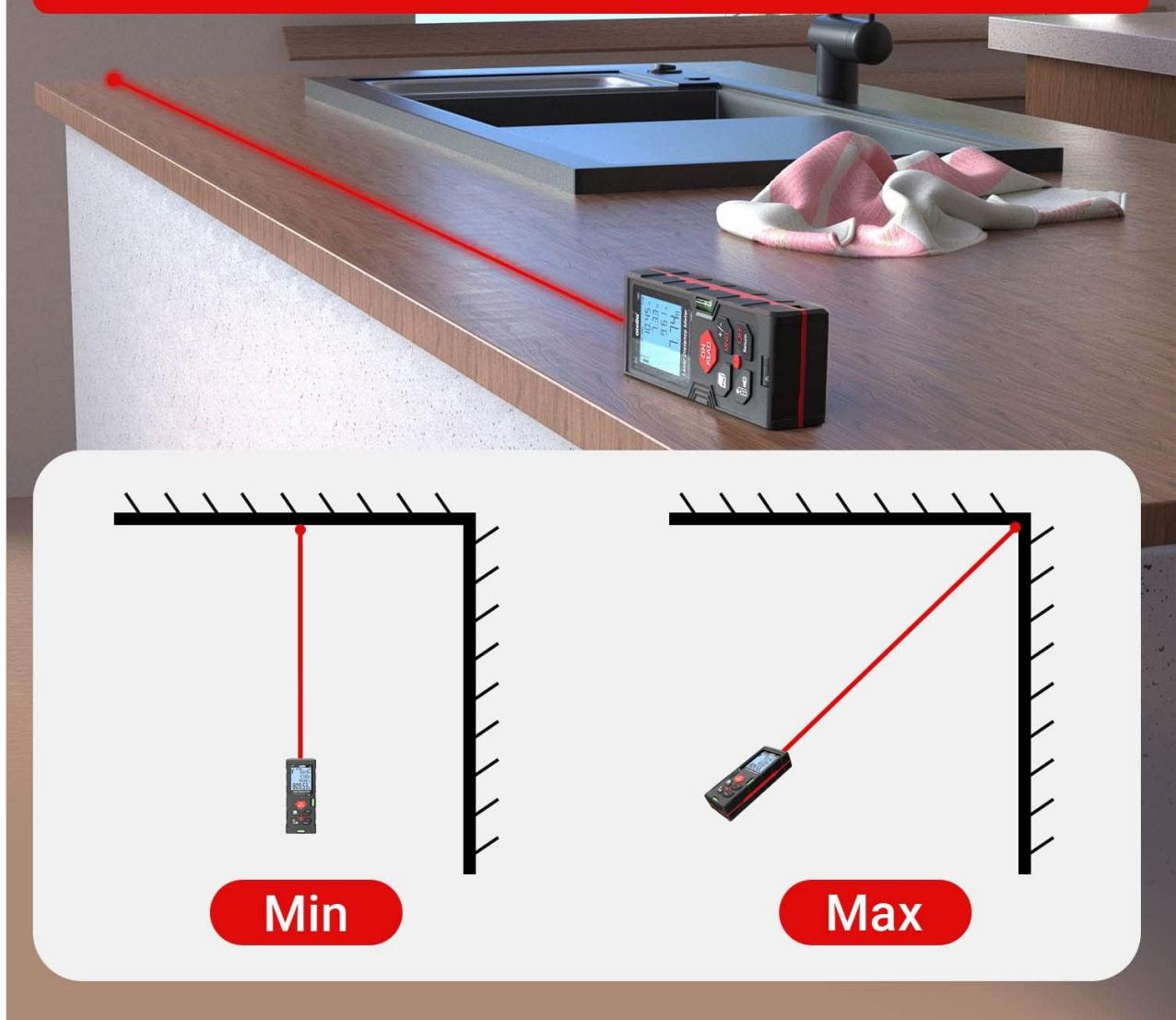
## 6.4 Pythagorean Measurement (Indirect Measurement)

Used to measure heights or distances indirectly when direct measurement is obstructed. Follow the on-screen prompts to take the required measurements (e.g., hypotenuse and one leg for height calculation).

## 6.5 Continuous Measurement (Min/Max)

In this mode, the device continuously measures as you move it, displaying the current, minimum, and maximum distances. This is useful for finding the shortest or longest distance to a surface.

# Continuous Measurement



*Image: The device performing continuous measurement, illustrating how it tracks minimum and maximum distances as the user moves the tool.*

## 6.6 Addition and Subtraction

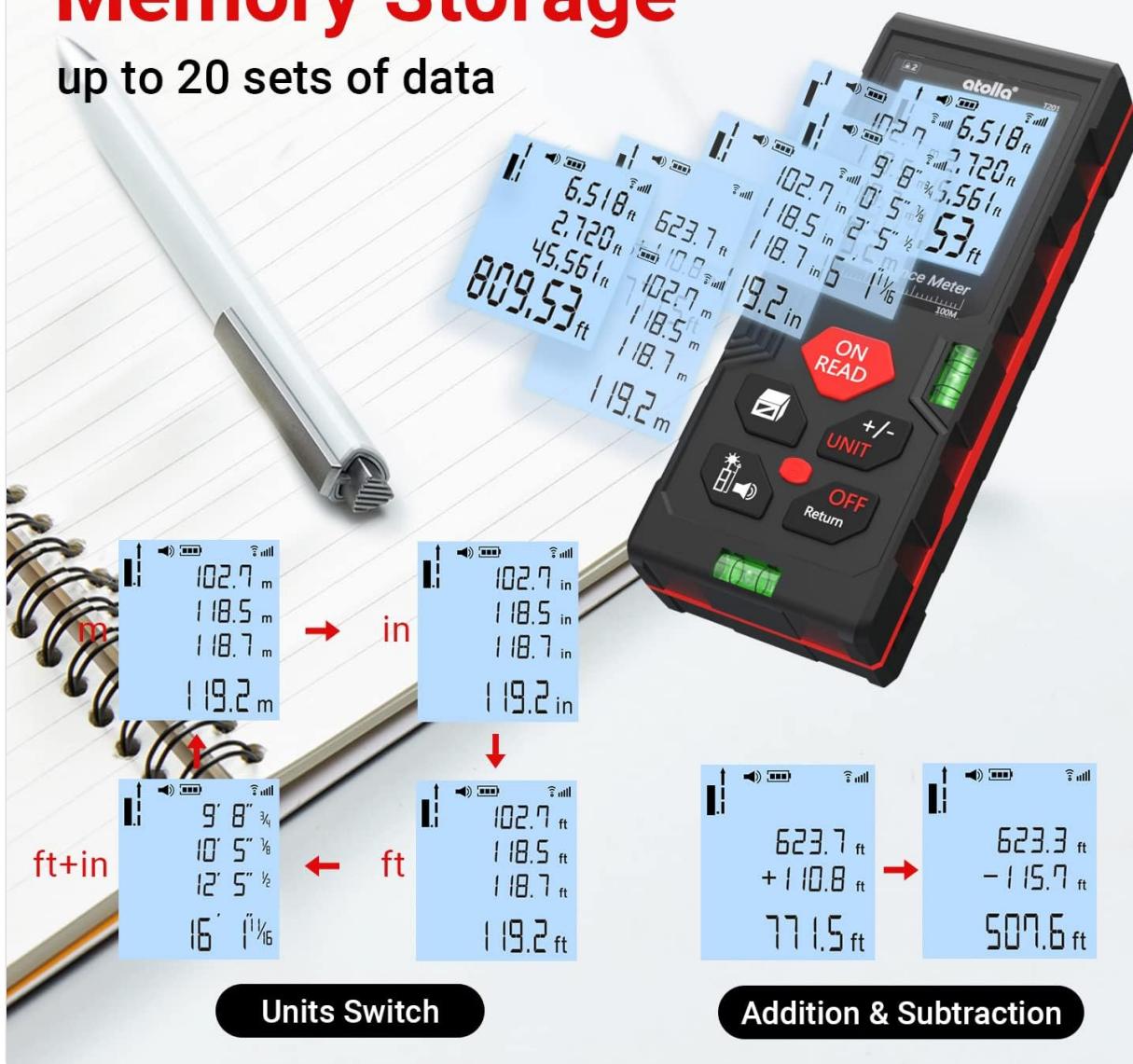
After taking a measurement, press the  $+\/-$  button to enter addition or subtraction mode. Take another measurement, and the device will add or subtract it from the previous result.

## 6.7 Memory Storage

The device can store up to 20 sets of measurement data. Press the **History** button to view stored records.

# Memory Storage

up to 20 sets of data



*Image: The device display showing multiple stored measurements and examples of unit switching and addition/subtraction calculations.*

## 7. Maintenance

- Clean the device with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Keep the laser lens clean and free from dust.
- Remove batteries if the device will not be used for an extended period.
- Store the device in a dry, cool place, away from direct sunlight and extreme temperatures.

## 8. Troubleshooting

Problem	Possible Cause	Solution
Device does not power on	Low or incorrectly installed batteries	Replace batteries or check polarity.

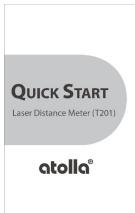
Problem	Possible Cause	Solution
Inaccurate measurements	Unstable surface, obstructed laser, incorrect reference point, environmental factors (e.g., strong sunlight)	Ensure stable measurement, clear laser path, correct reference point. Avoid strong light. Calibrate if necessary (refer to advanced settings in user reviews for calibration info).
Laser not visible	Strong ambient light, long distance	Use in lower light conditions or at shorter distances.
Error message on display	Measurement out of range, internal error	Move closer to target, restart device. If error persists, contact support.

## 9. Specifications

- **Brand:** atolla
- **Model:** T201-100
- **Measuring Range:** 328ft / 100m
- **Accuracy:**  $\pm 2\text{mm}$
- **Laser Class:** Class II, <1mW
- **Units:** m / in / ft / ft+in
- **Measurement Modes:** Distance, Area, Volume, Pythagorean, Continuous (Min/Max)
- **Memory Storage:** Up to 20 records
- **Features:** LCD Backlit Display, Mute Function, 2 Bubble Levels, Addition/Subtraction
- **Power Supply:** 2 x AAA Alkaline Batteries (Included)
- **Water Resistance:** IP54 (Waterproof and Dustproof)
- **Product Dimensions:** 4.98 x 1.97 x 1.12 inches
- **Item Weight:** 4.5 ounces / 127 Grams
- **Color:** Black, Red
- **Material:** Plastic

## 10. Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the documentation included with your purchase or contact atolla customer service directly. Keep your purchase receipt as proof of purchase.

	<p><a href="#"><u>Atolla T201 Laser Distance Meter Quick Start Guide</u></a></p> <p>A concise guide to operating the Atolla T201 Laser Distance Meter, covering its features, functions, and basic measurements, translated into English.</p>
	<p><a href="#"><u>atolla 4-Port USB-C Adapter (C8): Quick Start Guide - HDMI, VGA, USB 3.0, PD Charging</u></a></p> <p>Get started quickly with the atolla 4-Port USB-C Adapter (C8). This guide details its HDMI, VGA, USB 3.0, and PD charging ports for expanding your laptop's connectivity. Compatible with Thunderbolt 3.</p>
	<p><a href="#"><u>APEX FORGE MAGIC D50 Pro Laser Distance Meter User's Manual</u></a></p> <p>User's manual for the APEX FORGE MAGIC D50 Pro Laser Distance Meter, covering safety regulations, operation, features, measurement modes, specifications, and warranty information.</p>
	<p><a href="#"><u>Bosch GLM 100-25 C Professional Laser Distance Measure User Manual</u></a></p> <p>This user manual provides comprehensive instructions for operating the Bosch GLM 100-25 C Professional laser distance measure. Learn about its features, safety guidelines, technical specifications, and troubleshooting for accurate measurements in various professional applications.</p>
	<p><a href="#"><u>CEM LDM-100 Laser Distance Meter User Manual - Operation, Features, and Specifications</u></a></p> <p>Detailed user manual for the CEM LDM-100 Laser Distance Meter. Learn about its features, functions, safety instructions, technical specifications, and troubleshooting for accurate distance measurements.</p>