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## ATOLLA T201

# ATOLLA Laser Distance Meter T201 User Manual

Model: T201 | Brand: ATOLLA

## INTRODUCTION

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The ATOLLA T201 Laser Distance Meter is a digital measuring tool designed for precise distance, area, and volume calculations. It is suitable for both indoor and outdoor applications, making it ideal for architects, craftsmen, and DIY enthusiasts. This manual provides essential information for the safe and effective use of your device.





Image: The ATOLLA T201 Laser Distance Meter, showing its compact design and digital display.

## SAFETY INFORMATION

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Please read this operating manual carefully before using the device. Failure to follow these instructions may result in injury or damage to the device.

- **Laser Radiation:** Do not stare directly into the laser beam. Direct exposure to the laser beam can be hazardous to the eyes.
- **Beam Direction:** Do not point the laser beam at other people or reflective surfaces. Ensure the laser is directed above or below eye level.
- **Intended Use:** The ATOLLA T201 is designed solely as a measuring device. Do not use it as a control device or for any other unintended purpose.
- **Maintenance:** Do not attempt to modify or disassemble the device. Repairs should only be performed by authorized service personnel.
- **Environment:** Avoid using the device in explosive environments or near flammable liquids and gases.

## PACKAGE CONTENTS

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Verify that all items are present in the package:

- 1 x ATOLLA Laser Distance Meter
- 2 x 1.5V AAA Batteries
- 1 x Hand Strap
- 1 x Instruction Manual (this document)



Image: The laser distance meter shown with the hand strap and two AAA batteries.

## SETUP

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### 1. Installing Batteries

1. Locate the battery compartment cover on the back of the device.
2. Open the cover by sliding or lifting it according to the markings.
3. Insert two 1.5V AAA batteries, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

### 2. Attaching the Hand Strap

Thread the hand strap through the designated loop on the device to prevent accidental drops during use.

## OPERATING INSTRUCTIONS

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### Power On/Off

- Press the **ON/READ** button to power on the device.
- The device will automatically power off after 180 seconds of inactivity. The laser will turn off after 30 seconds of inactivity.
- To manually power off, press and hold the **OFF/Return** button.

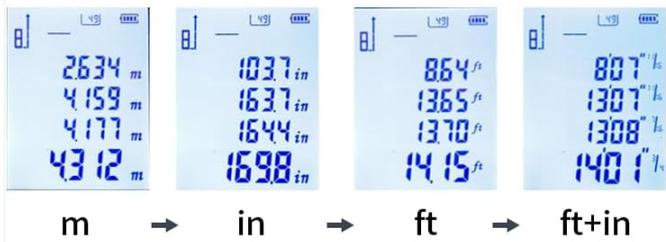
### Changing Display Units

The device supports measurement in meters (m), inches (in), and feet (ft).

1. Press and hold the **U** button for 2 seconds to cycle through the available display units.

# Changing Display Units

Press and hold the button for 2 seconds to change the display unit



## Bubble Level

Optimal balance for more accurate measurements



Image: The device display showing different measurement units (m, in, ft) and how to switch between them.

## Setting Reference Point

The measurement reference point can be set to the front or rear of the device. This is crucial for accurate measurements depending on your starting point.

- Press the reference point button (often indicated by an icon showing the device's base) to toggle between front and rear reference.



## Two reference measurements

Suitable for a wide range of scenarios

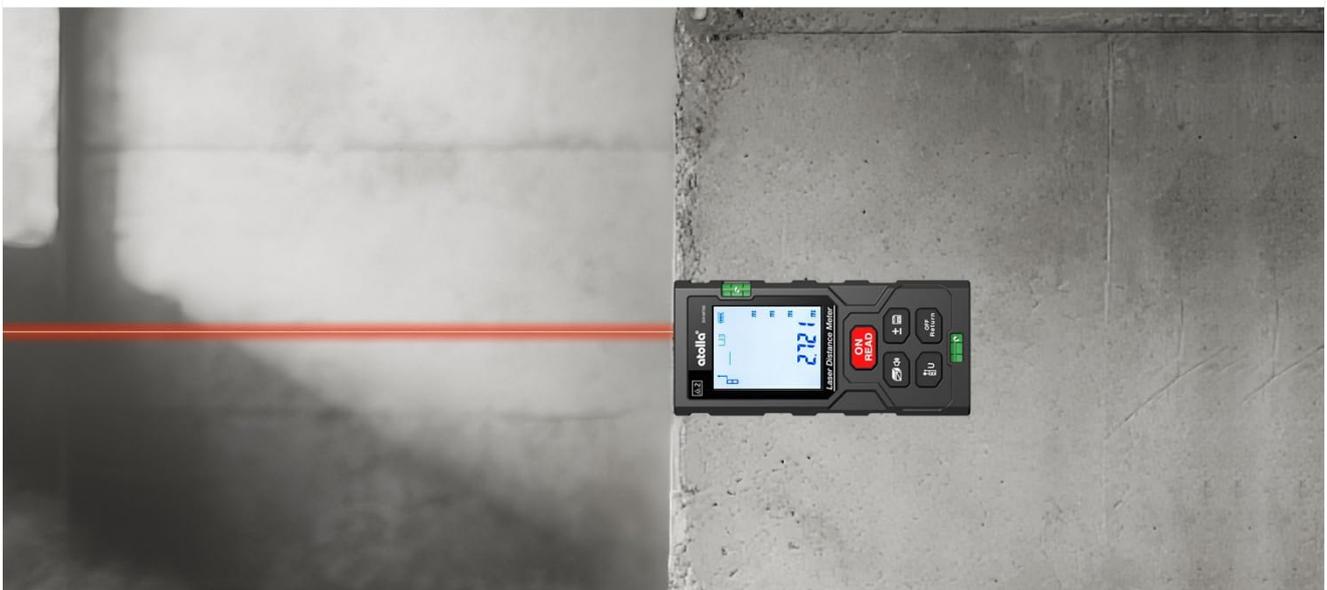


Image: The laser distance meter demonstrating two reference measurement points, showing the laser originating from different ends of the device.

### Measurement Modes

The ATOLLA T201 offers various measurement modes for different applications:

- **Single Measurement:** Press **ON/READ** once to activate the laser, then press again to take a single measurement.
- **Continuous Measurement (Min/Max):** This mode allows for tracking minimum and maximum distances as you move the device. Press the mode button until the continuous measurement icon appears.
- **Area Measurement:** Measure two sides (length and width) to calculate the area.
- **Volume Measurement:** Measure three sides (length, width, and height) to calculate the volume.
- **Pythagorean Measurement (2 or 3 points):** Used for indirect measurement of heights or distances where direct measurement is not possible. Follow the on-screen prompts to take the required measurements.

# Multiple measurement modes

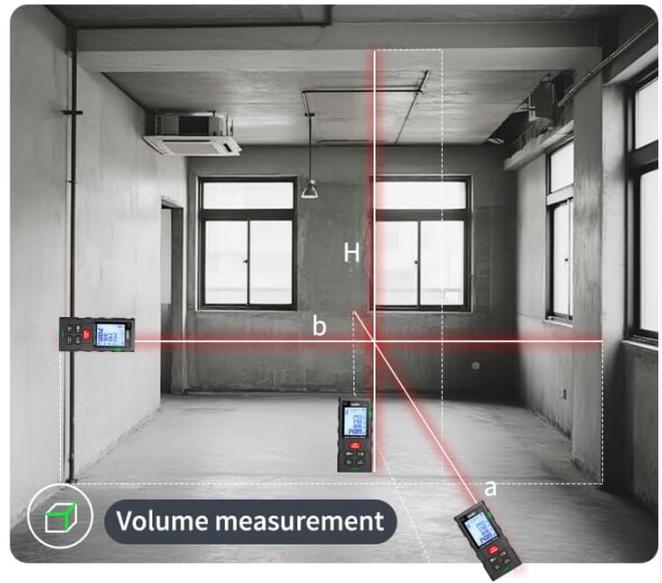
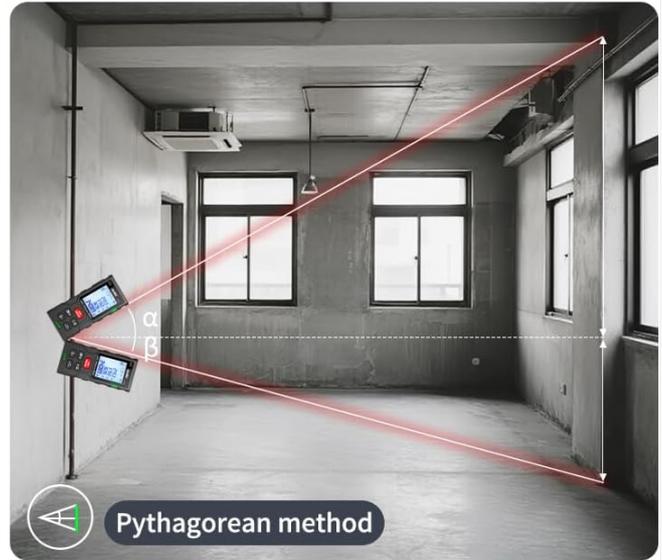
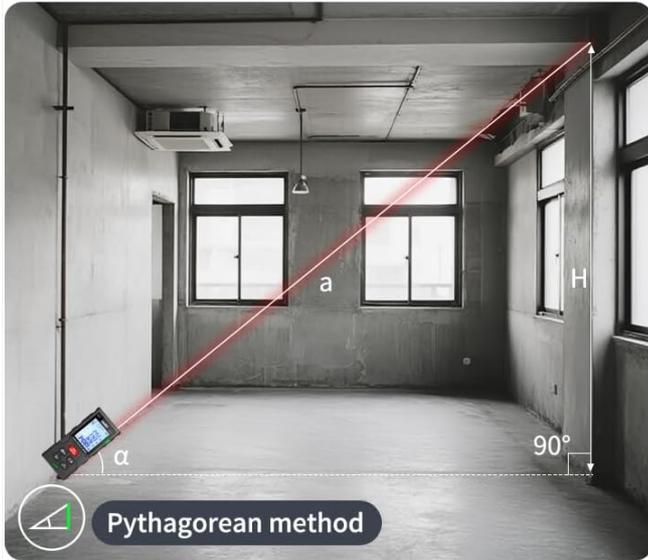


Image: Illustrations showing Pythagorean method (2 and 3 points), area measurement, and volume measurement modes in action.

## Addition and Subtraction Function

You can add or subtract measurements directly on the device.

- After taking a measurement, press the **+** button to add the next measurement, or the **-** button to subtract it.
- Take the next measurement, and the device will automatically perform the calculation.

# Addition/Subtraction Function



Image: A visual representation of how to use the addition and subtraction functions for measurements.

## Reviewing Stored Measurements

The device can store up to 20 measurement records.

- Press the memory button (often indicated by a list or folder icon) to access stored measurements.
- Use the arrow buttons to navigate through the records.

# Reviewing the last 99 measurements



Image: The device display showing a list of previously stored measurements.

## Self-Calibration

The device features a self-calibration function to ensure accuracy. If necessary, measurement results can be adjusted by +/- 7 mm.

- Refer to the on-screen menu or specific button combinations for initiating self-calibration.

## Bubble Level

The integrated bubble levels assist in achieving precise vertical and horizontal alignment for more accurate measurements.

# Multiple measurement modes

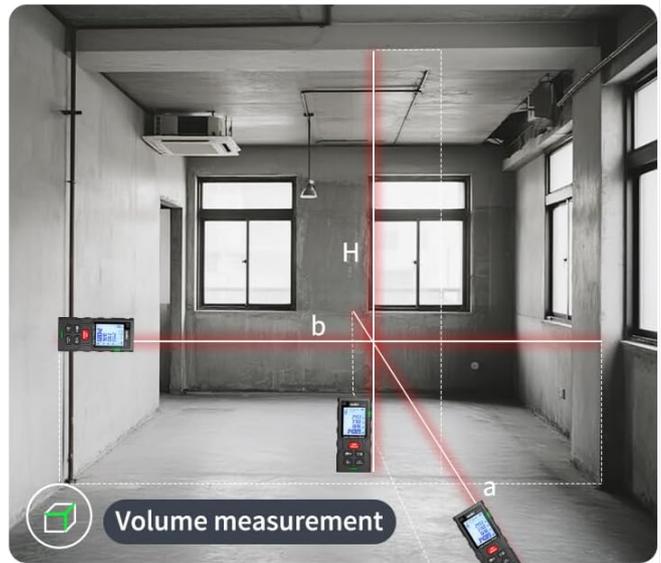
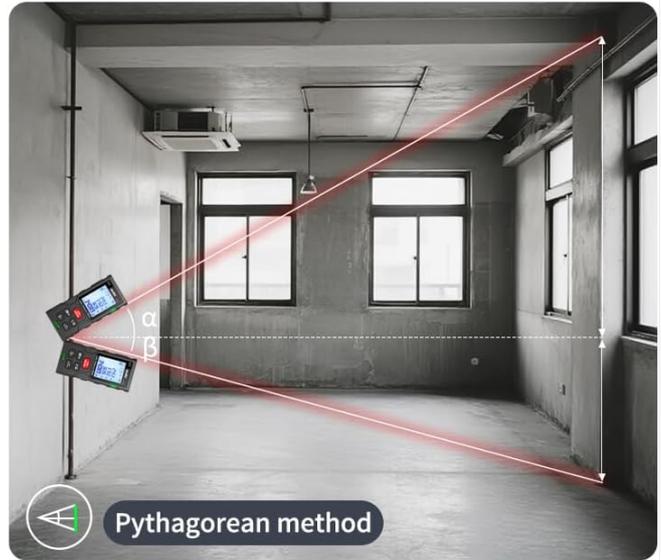
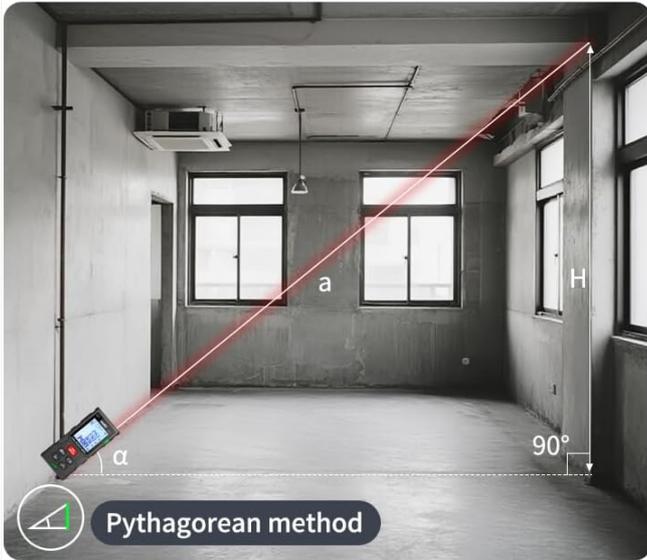


Image: Close-up of the ATOLLA T201 showing the integrated bubble levels for horizontal and vertical alignment.

## MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the device. Do not use abrasive cleaners or solvents.
- **Storage:** Store the device in a dry, cool place, away from direct sunlight and extreme temperatures. Remove batteries if the device will not be used for an extended period.
- **Water Resistance:** The device has an IP54 rating, meaning it is protected against dust and splashing water. Do not immerse it in water.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Low or dead batteries; incorrect battery installation.	Replace batteries with new 1.5V AAA batteries. Ensure correct polarity.

Problem	Possible Cause	Solution
Inaccurate measurements.	Incorrect reference point; environmental factors (e.g., strong light, reflective surfaces); device needs calibration.	Verify reference point setting. Ensure target surface is non-reflective. Perform self-calibration if needed.
Laser not visible or weak.	Strong ambient light; dirty laser lens.	Use in lower light conditions if possible. Clean the laser lens with a soft cloth.
Display is blank or flickering.	Low batteries; device malfunction.	Replace batteries. If problem persists, contact customer support.

## SPECIFICATIONS

Feature	Detail
Measuring Range	0.15 - 60 meters
Measuring Accuracy	+/- 2 mm
Measurement Units	Meter (m), Inch (in), Foot (ft)
Laser Class	Class II
Laser Type	620-670 nm, <1 mW
Display	4-line multi-line LCD with backlight
Auto Power Off	After 180 seconds of inactivity
Auto Laser Off	After 30 seconds of inactivity
Water Resistance Rating	IP54 (Dust protected, splash water protected)
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Storage Humidity	75% RH
Stored Records	20
Battery Type	2 x 1.5V AAA
Materials	PC/ABS
Dimensions (L x W x H)	122 x 47 x 25 mm (approx. 4.8 x 1.85 x 0.98 inches)
Weight	84 grams (approx. 2.96 oz)
Functions	Min/Max, Area, Volume, Pythagorean (2/3 points), Addition/Subtraction, Mute, Self-calibration

## WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official ATOLLA website. Keep your purchase receipt as proof of purchase for warranty claims.

## APPLICATIONS

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The ATOLLA T201 Laser Distance Meter is versatile and can be used in various scenarios:

- Interior Renovation: Measuring rooms for flooring, painting, or furniture placement.
- Furniture Installation: Ensuring accurate dimensions for assembly and fitting.
- Home Decoration: Precisely hanging pictures, shelves, and other decorative items.
- Building Construction: Quick and accurate measurements on construction sites.



Image: A collage showing the laser distance meter being used in interior renovation, furniture installation, home decoration, and building construction.