MiLESEEY D5

MILESEEY D5 Laser Measurement Tool User Manual

Model: D5-229ft

1. Introduction

The MILESEEY D5 Laser Measurement Tool is a high-precision device designed for accurate distance, area, volume, and angle measurements. It features an electronic angle sensor, app connectivity for data transfer and sketching, and multiple measurement modes, making it ideal for construction, industrial, and home use.



Figure 1.1: MILESEEY D5 Laser Measurement Tool with its companion smartphone application.

2. Safety Information

This device utilizes a Class II laser. Adhere to the following safety guidelines:

- Do not stare directly into the laser beam.
- Avoid direct eye exposure to the laser beam.
- Do not aim the laser beam at people or animals.
- Laser Type: 635nm <1mW.
- Keep the device out of reach of children.

3. Package Contents

Verify that all items are present in the package:

- 1 x MILESEEY D5 Laser Measure with APP
- 2 x 1.5 V AAA Batteries
- 1 x User Manual
- 1 x Pouch Bag
- 1 x Holding Rope



Figure 3.1: Included components of the MILESEEY D5 Laser Measurement Tool.

4. Setup

4.1. Battery Installation

1. Locate the battery compartment cover on the back of the device.
2. Slide the cover open in the direction indicated by the arrow.
3. Insert the two 1.5V AAA batteries, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.



Figure 4.1: Proper battery installation for the device.

4.2. Initial Power On

Press the **MEAS** button to power on the device. The LCD display will illuminate.

5. Operating Instructions

5.1. Basic Measurement (Single Distance)

1. Point the laser at the target surface.
2. Press the **MEAS** button once. The measurement will be displayed on the screen in approximately 0.5 seconds.

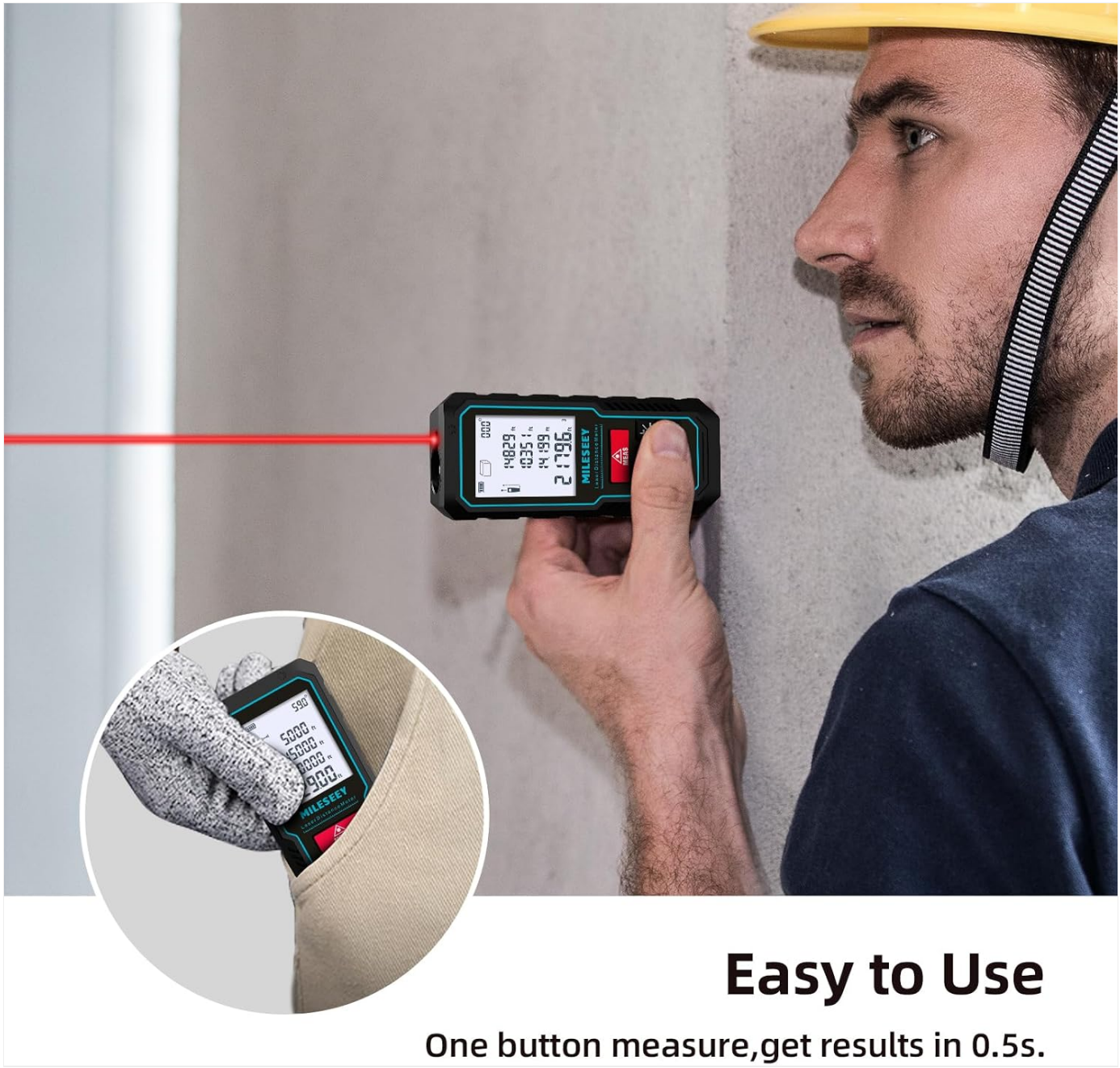


Figure 5.1: Performing a single distance measurement.

5.2. Unit Switching

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

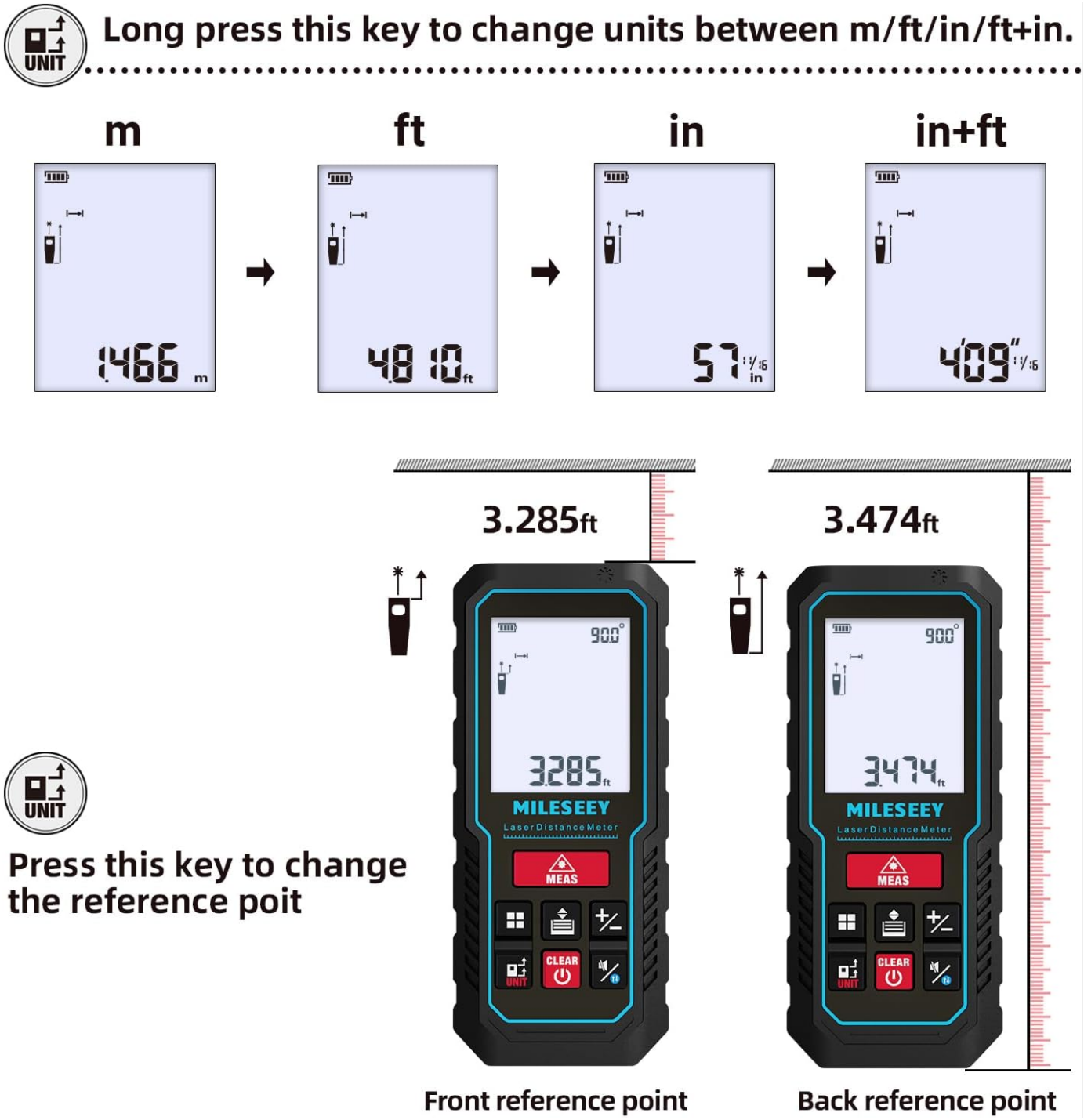


Figure 5.2: Unit conversion options.

5.3. Reference Point Adjustment

Press the **UNIT** button briefly to switch the measurement reference point between the front and back of the device. The icon on the display will indicate the current reference point.



Figure 5.3: Adjusting the measurement reference point.

5.4. Continuous Measurement

Press and hold the **MEAS** button to activate continuous measurement. The distance will update in real-time as you move the device.

5.5. Area Measurement

1. Press the **Function** button (usually indicated by a square icon) until the area measurement icon appears.
2. Measure the length of the first side.
3. Measure the length of the second side. The device will automatically calculate and display the area.

5.6. Volume Measurement

1. Press the **Function** button until the volume measurement icon appears (cube icon).
2. Measure the length, width, and height sequentially. The device will automatically calculate and display the volume.

5.7. Pythagorean Measurement

The device supports 2-point and 3-point Pythagorean measurements for indirect height or distance calculations.

- **2-Point Pythagorean:** Measure the hypotenuse and one side. The device calculates the other side.
- **3-Point Pythagorean:** Measure two hypotenuses and one intermediate distance. The device calculates the total height.

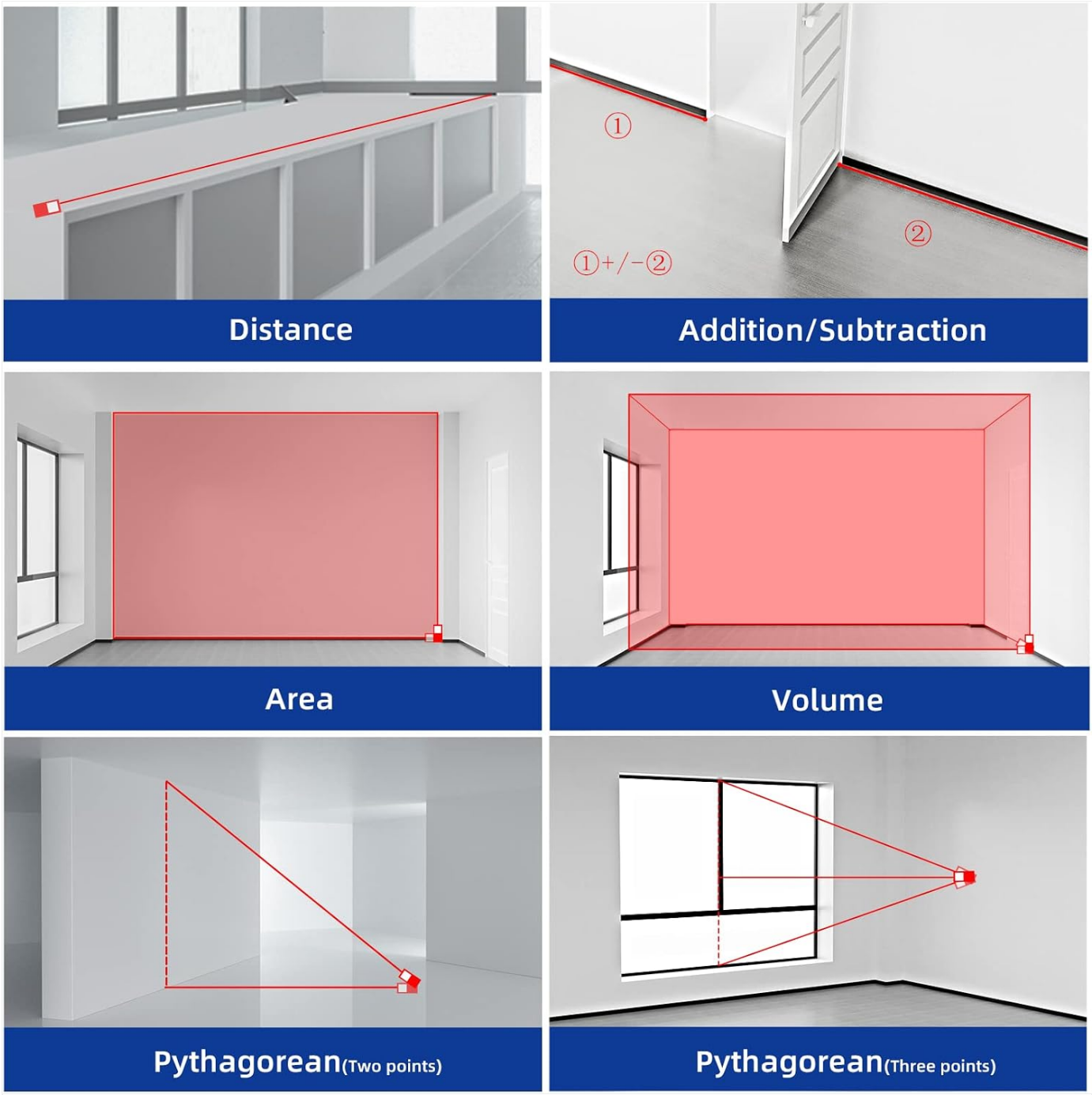


Figure 5.4: Overview of various measurement functions.

5.8. Digital Angle Level

The integrated electronic angle sensor provides real-time angle display (±90° accuracy ±0.3°). This feature assists in finding horizontal directions and self-calibration for more accurate measurements.



Figure 5.5: Real-time angle display and auto-leveling function.

5.9. Data Storage and App Connectivity

The device can store up to 30 groups of data internally. For extended memory (up to 1000 sets) and advanced features like 2D floor plan sketching or drawing on pictures, connect the device to the "Smart Life" phone application via Bluetooth.



Figure 5.6: Connecting the device to the Smart Life App for data management.

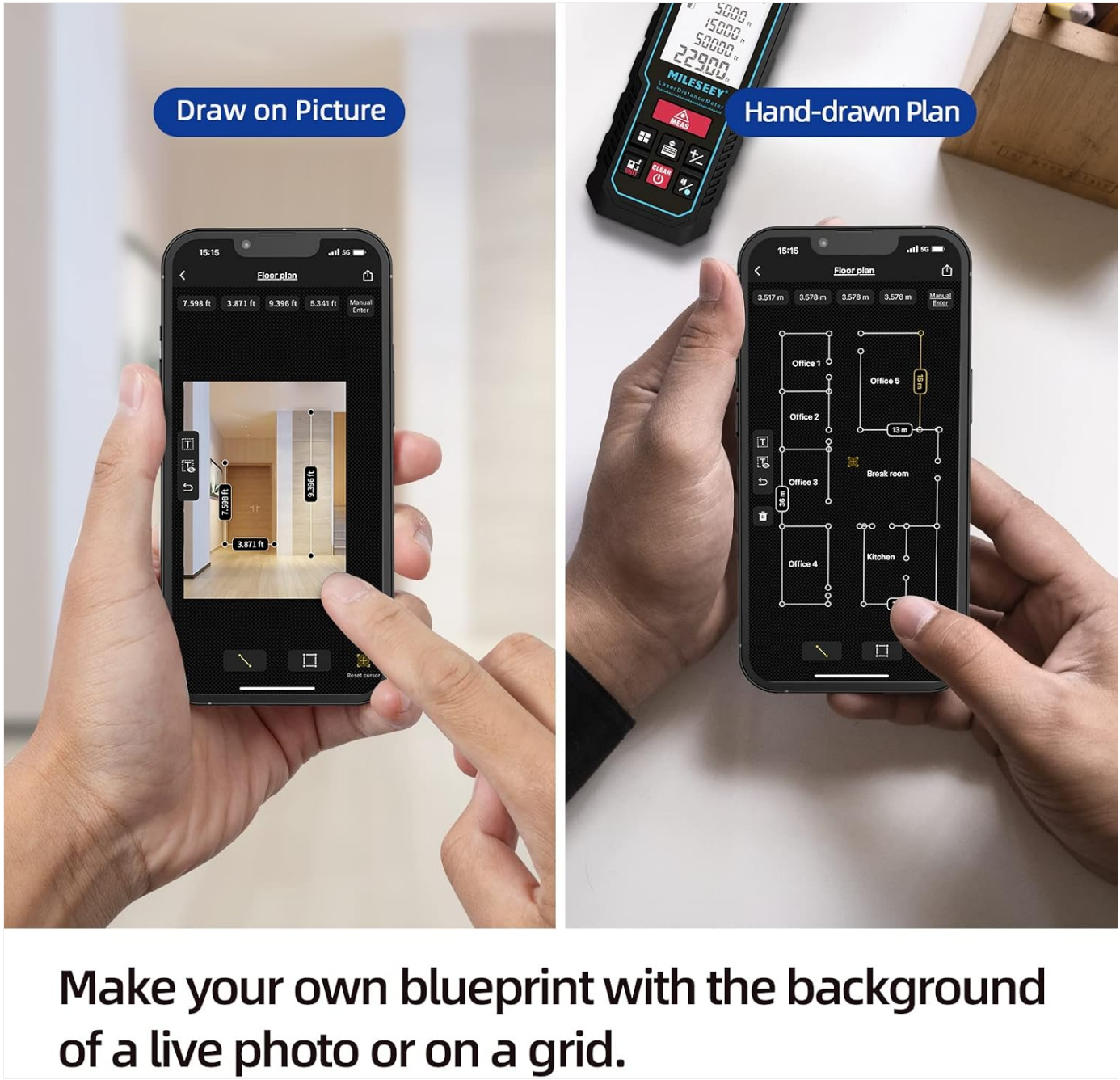


Figure 5.7: Utilizing the app for drawing on pictures or creating floor plans.

5.10. Official Product Video

Video 5.1: An official product video demonstrating the MILESEEY D5 Laser Measure with its angle sensor and various measurement functions.

6. Maintenance

6.1. Cleaning

Wipe the device with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure the laser lens is clean for accurate measurements.

6.2. Storage

Store the device in its pouch bag in a cool, dry place when not in use. Remove batteries if storing for extended periods to prevent leakage.

6.3. IP54 Rating

The device is IP54 rated, meaning it is splash-proof and dust-proof. While it can withstand light splashes and dust, it is not designed for submersion in water.



Figure 6.1: The device's IP54 rating for splash and dust resistance.

7. Troubleshooting

Problem	Possible Cause	Solution
Device does not power on.	Low or dead batteries; incorrect battery installation.	Replace batteries; ensure correct polarity.
Inaccurate measurements.	Dirty laser lens; incorrect reference point; device not stable.	Clean lens; check reference point setting; ensure stable measurement surface.
App connectivity issues.	Bluetooth off; app not updated; device not paired.	Ensure Bluetooth is on; update app; re-pair device in app settings.
Laser not visible outdoors.	High ambient light.	This is normal for laser measures in bright conditions. Use indoors or in shaded areas.

8. Specifications

- **Model:** D5
- **Measurement Accuracy:** ±2mm
- **Measurement Range:** Up to 229ft
- **Laser Class:** Class II
- **Laser Type:** 635nm <1mW
- **Angle Sensor Accuracy:** ±0.3°
- **Data Records:** 30 groups (internal), up to 1000 sets (via APP)
- **Units:** m / ft / in / ft + in
- **Display:** 2" Large Easy Read LCD Display with Backlight
- **Power Source:** 2 x AAA batteries (included)
- **Automatic Shutdown:** 180 seconds (to save power)
- **Protection Rating:** IP54 (splash-proof and dust-proof)
- **Material:** Plastic

- **Color:** Black blue
- **Item Weight:** 180 Grams (6.3 ounces)
- **Product Dimensions:** 1.97"L x 1.17"W x 4.53"H
- **Country of Origin:** China

9. Warranty & Support

The MILESEEY D5 Laser Measurement Tool comes with a 2-year warranty. For technical support or warranty claims, please contact the seller or manufacturer directly.
Additional resources, including a PDF user manual, may be available on the product's Amazon page or the manufacturer's website.

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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