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## MILESEEEY D5-APP-US

# MILESEEEY D5-APP-US Laser Measuring Tool User Manual

Model: D5-APP-US

### 1. PRODUCT OVERVIEW

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The MILESEEEY D5-APP-US is a high-precision laser distance meter designed for various measurement tasks. It features smart app connectivity, an electronic angle sensor, and multiple measurement modes for efficiency and accuracy.



Figure 1: MILESEEEY D5-APP-US Laser Measuring Tool and included accessories. The package contains the laser measure, a portable bag, a portable bracelet, a user manual, and 2 x 1.5V AAA batteries.

## 2. SETUP

### 2.1 Battery Installation

The device requires 2 x 1.5V AAA alkaline batteries. Ensure correct polarity when inserting the batteries into the compartment located on the back of the device.

### 2.2 Power On/Off

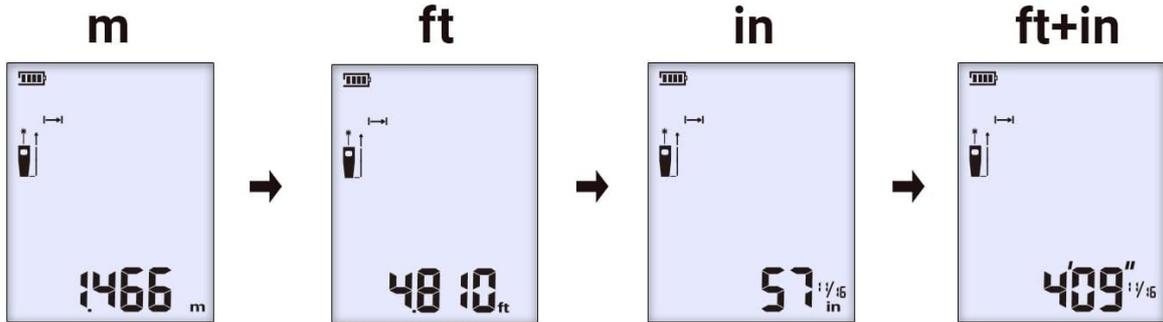
To power on the device, press the **MEAS** button. The laser will stand by for measurement. To power off, long-press the **OFF/CLEAR** button. The device will automatically shut off after 180 seconds of inactivity to conserve power.

### 2.3 Unit Switching

To switch measurement units (M/FT/IN), long-press the **UNIT** button. The device supports various units including meters, feet, inches, and fractional inches. For area and volume measurements, only  $m^2 / m^3$  and  $ft^2 / ft^3$  are available.



Long press this key to change units between m/ft/in/ft+in.



Press this key to change the reference point



Figure 2: Instructions for changing measurement units and setting reference points. Long-press the UNIT button to cycle through units (m, ft, in, ft+in). Short-press the UNIT button to change the reference point between front and back.

## 2.4 Reference Point Setting

The default reference point is the end of the device. To change the reference point (front or back), short-press the **UNIT** button. This is crucial for accurate measurements depending on where the device is placed.

## 2.5 Buzzer On/Off

To turn the buzzer sound on or off, long-press the sound button. A speaker icon with a cross will appear on the display when the buzzer is off.

## 2.6 Smart APP Connectivity

The MILESEEEY D5-APP-US syncs with the "Smart Life" app for real-time data transfer and storage of up to 1000 sets. The app allows you to create 2D floor plans or annotate images with measurements.

# Connect to "Smart Life" APP

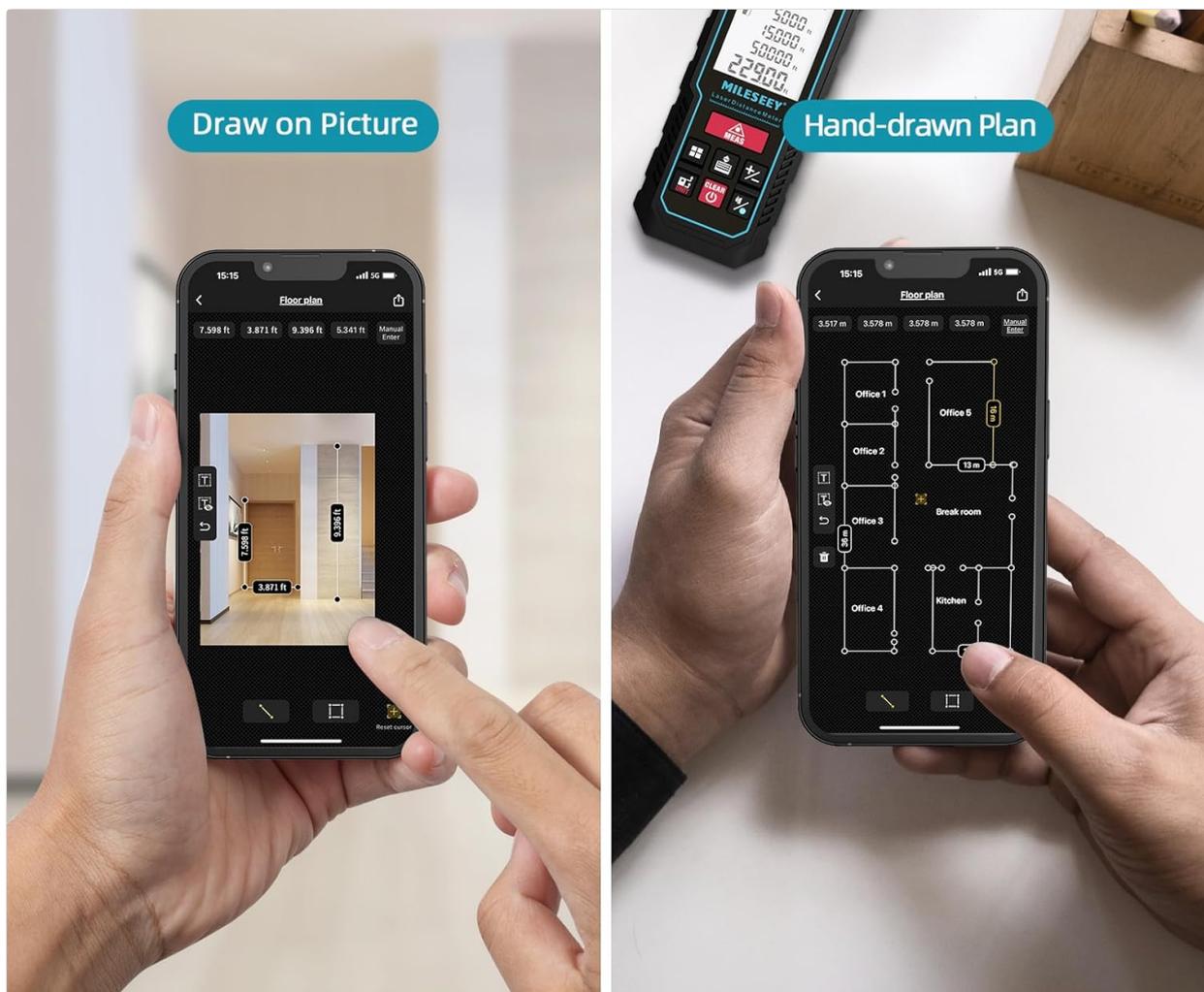


 Real time data transfer

 Up to 1000 sets of data storage

 Note data source available

Figure 3: The laser measuring tool connected to the Smart Life app, showing real-time data transfer and storage capabilities.



## Make your own blueprint with the background of a live photo or on a grid.

Figure 4: The Smart Life app allows users to draw on pictures or create hand-drawn floor plans with integrated measurements.

Your browser does not support the video tag.

Video 1: This video demonstrates how the Huepar (similar brand) app works with a laser measuring tool, showcasing features like real-time data transfer and floor plan creation. This functionality is comparable to the MILESEEEY D5-APP-US with the Smart Life app.

### 3. OPERATING MODES

#### 3.1 Single Measurement

Press the **MEAS** button once to activate the laser. Press it again to take a single distance measurement. The result will be displayed on the screen.

#### 3.2 Continuous Measurement

Long-press the **MEAS** button for 2-3 seconds to enter continuous measurement mode. The device will continuously measure and display the maximum, minimum, and current values. Short-press **MEAS** again to stop and display the final data.

#### 3.3 Area Measurement

Press the **MODE** button until the area icon appears. Take two consecutive measurements (length and width). The device will automatically calculate and display the area.

#### 3.4 Volume Measurement

Press the **MODE** button until the volume icon appears. Take three consecutive measurements (length, width, and height). The device will automatically calculate and display the volume.

### 3.5 Pythagorean Measurement (Indirect Length)

The device supports 2-point and 3-point Pythagorean measurements for indirect length calculations. Press the **MODE** button until the desired Pythagorean icon appears. Follow the on-screen prompts to take the required measurements. For best accuracy, especially with handheld measurements, using a tripod is recommended.

Your browser does not support the video tag.

Video 2: This video provides a detailed guide on various measurement methods for a laser measuring tool, including single, continuous, area, volume, and Pythagorean measurements. This is directly applicable to the MILESEEEY D5-APP-US.

### 3.6 Addition and Subtraction

To add or subtract measurements, take the first measurement, then press the + or - button. Take the next measurement, and the result of the operation will be displayed. This function can be used for length, area, and volume calculations.

### 3.7 Electronic Angle Sensor

The device features an advanced electronic angle sensor that provides real-time angle display. This allows for faster and more accurate measurements compared to traditional bubble levels, especially for indirect height and distance calculations.



Figure 5: The electronic angle sensor provides real-time angle display, enhancing accuracy for various measurements.

## 4. MAINTENANCE

### 4.1 Accuracy Check

To check the accuracy of the measuring tool, select a permanently unchangeable indoor measuring section (approx. 9.8 to 32 ft or 3 to 10 m long) with weak backlighting and a smooth, reflective target area (e.g., a white-painted wall). Measure the distance 10 times in succession. The deviation of individual measurements from the average value must not exceed  $\pm 0.12$  in ( $\pm 2$  mm). Record these measurements to compare accuracy at a later date.

### 4.2 General Care

Keep the device clean and dry. Avoid exposing it to extreme temperatures or direct sunlight for extended periods. The device has an IP54 rating, indicating protection against dust and splashing water, but it is not fully waterproof.



Figure 6: The device features an IP54 rating for dust and splash resistance.

## 5. TROUBLESHOOTING

The device displays error codes for various issues. Refer to the table below for common error codes and their corrective measures.

Error Code	Cause	Corrective Measure
Err10	Battery too low	Change batteries or charge the device
Err15	Out of range	Measure target within the range
Err16	Received signal too weak and measuring time too long	Use high reflectivity reflector
Err18	Background brightness too high	Use low reflectivity reflector
Err26	Out of the device's digital display range	Switch units or measure within the digital display range

## 6. SPECIFICATIONS

Feature	Specification
Measuring Range	Up to 229 ft
Accuracy	±2mm
Measurement Speed	0.5 seconds
Angle Sensor	Electronic, real-time display
Units	Meters (M), Feet (FT), Inches (IN)
Display	2" Large Easy Read Backlit LCD
App Connectivity	Smart Life app (data transfer, floor plans, image annotation)
Data Storage	Up to 1000 sets (via app), 30 sets (on device)

<b>Feature</b>	<b>Specification</b>
Auto Shut-off	180 seconds of inactivity
Battery Type	2 x 1.5V AAA Alkaline batteries
Material	Acrylonitrile Butadiene Styrene
Dimensions	2.49 x 11 x 4.55 cm
Weight	200 g
Water Resistance	Not Water Resistant (IP54 dust and splash resistant)

## **7. WARRANTY & SUPPORT**

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The MILESEEEY D5-APP-US Laser Measuring Tool comes with a 2-year warranty. For technical support or warranty claims, please refer to the contact information provided in the product packaging or on the official MILESEEEY website.