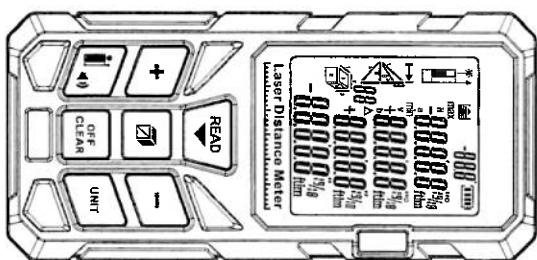


- 60M ○ 100M
- 80M ○ 120M

Laser Distance Meter Instruction Manual



Introduction

This Laser Distance Meter is an instrument that accurately measures the distance to a target using laser technology. It features light weight, small size, simple operation, high speed, and high accuracy.

Safety Precautions

Before using the instrument for the first time, please carefully read the safety regulations and operation instructions.

1. Do not open or repair the instrument by any means on your own. It is strictly prohibited to illegally modify or change the performance of the instrument's laser emitter. Please keep the instrument properly and do not place it where children can reach it to avoid use by unauthorized persons.
2. It is strictly prohibited to use the instrument's laser to irradiate your own or others' eyes and other parts of the body. It is also prohibited to irradiate the laser on the surfaces of highly reflective objects.
3. The electromagnetic radiation of the instrument may interfere with other devices and equipment. Please do not use this instrument near aircraft or medical equipment, and do not use it in flammable or explosive environments.

Features

1. Single/Continuous Measurement
2. Area/Volume/Pythagorean Calculation Measurement
3. Cumulative/Subtractive Calculation Measurement
4. Display Maximum/Minimum Values during Continuous Measurement
5. Measurement Reference Selection
6. Unit Switching
7. Built-in Spirit Level
8. Data Storage: Up to 30 Groups
9. Data Viewing/Deletion

LCD Display

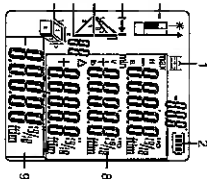
1. Data Storage
2. Battery Level
3. Laser Measurement Reference Indicator
4. Continuous Measurement Mode
5. Pythagorean Measurement Mode
6. Area/Volume Measurement Mode
7. Data Serial Number
8. Secondary Display Area:

- (1) Displays recorded data during single measurement

- (2) Displays maximum/minimum values during continuous measurement
- (3) Displays calculated values for cumulative/subtractive/area/volume/Pythagorean calculations

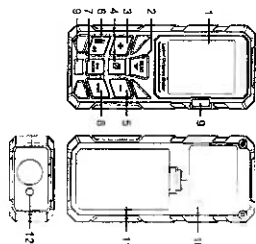
9. Main Display Area:

- (1) Displays the last recorded data during single measurement
- (2) Displays the current measurement data during continuous measurement
- (3) Displays the calculation results for cumulative/subtractive/area/volume/Pythagorean calculations



Component Introduction

1. Display Screen
2. Power On/Record Data Button
3. Cumulative/Next Data Button
4. Area/Volume/Pythagorean Measurement Mode Switch Button
5. Subtract/Previous Data Button
6. Measurement Reference Selection/Sound Button
7. Power On/Data Delete Button
8. Unit Switch/Data View Button
9. Spirit Level
10. Buzzer
11. Battery Compartment
12. Laser Emitter



Operation Instructions

1. Power On/Off

Short-press the READ button to turn on the device. If it fails to power on, replace the batteries and try again.

- (2) Power Off

Long-press the OFF/CLEAR button to turn off the device in any interface.

- (3) Auto Power Off

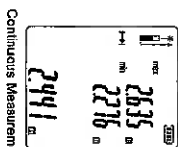
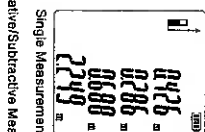
The device will automatically power off after about 180 seconds of inactivity (no button presses) after powering on.

2. Single/Continuous Measurement

(1) Single Measurement
After powering on, it defaults to single measurement mode, and the LCD displays [---]. Short-press the READ button to record the first data point. Short-press it again to record the second data point. Short-press the OFF/CLEAR button to clear the current data, and short-press it again to clear the previous data point.

- (2) Continuous Measurement

After powering on, long-press the READ button. When the LCD displays [---], it indicates that the device has entered continuous measurement mode. Release the button and move the instrument to start measuring. During the measurement, the maximum and minimum values are displayed. Short-press the READ button to pause continuous measurement, and short-press the OFF/CLEAR button to exit continuous measurement.

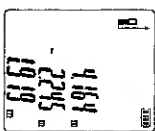
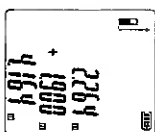


3. Cumulative/Subtractive Measurement

After powering on, short-press the + button (or - button). The secondary display area of the LCD will show [+/-] (or [-/+]), indicating that the device has entered addition (or subtraction) measurement mode. Short-press the READ button to record the first data point. Short-press it again to record the second data point, and the main display area of the LCD will show the cumulative (or subtractive) result. At this time, short-pressing the READ button again will continue the cumulative (or subtractive) calculation based on the previous result. You can also short-press the - button (or + button) to switch the calculation method.

Note:

After recording the first data point, short-press the OFF/CLEAR button to clear the data. After recording two data points, short-press the OFF/CLEAR button twice to clear the data and return to single measurement mode.



4. Area/Volume/Pythagorean Measurement

After powering on, short-press the [] button to cycle through the following measurement modes in sequence: area - volume -

- Pythagorean measurement 1 - Pythagorean measurement 2 -

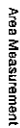
Pythagorean measurement 3. At this time, short-press the READ button to record the data of the flashing side. Short-press the OFF/CLEAR button to clear the data (if there is no data, short-press the OFF/CLEAR button to return to single measurement mode).

- (1) Area Measurement:

When the LCD displays [L27], aim the laser at the target to be measured. Short-press the READ button to measure two sides of the target respectively for area calculation.

- (2) Volume Measurement:

When the LCD displays [L28], aim the laser at the target to be measured. Short-press the READ button to measure three sides of the target respectively for volume calculation.



When the LCD displays []

(4) Pythagorean Measurement 2:

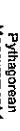
Pythagorean measurement 1

mode. Place the rangefinder in a horizontal position and keep the

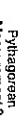
(5) Pythagorean Measurement 3:

When the LCD displays [],

1



⦿



After powering on, short-press the

The buzzer is

In any measurement

(11)

After power

(1) Units for single/continuous/additive

(2) Units for area measurement; [m²-ft²], and the measurement results are

(1) Find a sta

For example, if the standard distance is 0.1 m and the measured distance is 0.105 m, the relative error is 5%.

Brief Message

Moraine	Count
---------	-------

1

[illegible]

100

1. It is strictly prohibited