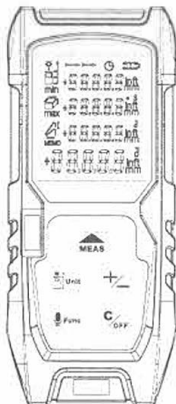


# Laser Distance Meter

(Y & E Series)

## Manual



English

## Safety Regulations

In order to use the hand-held laser rangefinder safely, please read the user manual carefully.



### Warning

1. Failure to use the instrument in accordance with the operating instructions in this manual may cause damage to the instrument, affect measurement accuracy, or cause personal injury.
2. It is strictly forbidden to use in harsh environment and flammable and explosive environment
3. It is strictly forbidden to irradiate yourself or others' eyes with the laser beam of the instrument, and do not place it in a place where children can reach, don't used by unrelated persons.
4. Don't try to repair this product by yourself. When there is any problem with this product, please contact your local dealer or return to the factory in time, we will solve it for you as soon as possible.
5. Do not charge non-NiMH rechargeable batteries via USB cable

Scope of responsibilities: If the instrument is not used in accordance with this manual, any loss caused by using third-party accessories or directly modifying the instrument, the company will not be responsible for it.

## Install and replace the battery

1. Open the battery cover on the back of the instrument, place the battery correctly according to the polarity instructions, and close the battery cover.
2. The instrument can use 1.5V AAA alkaline batteries or 1.2V AAA Ni-MH rechargeable batteries.
3. When not using the instrument for a long time, please remove the battery to avoid the battery corroding the main engine.

## Notes on battery charging

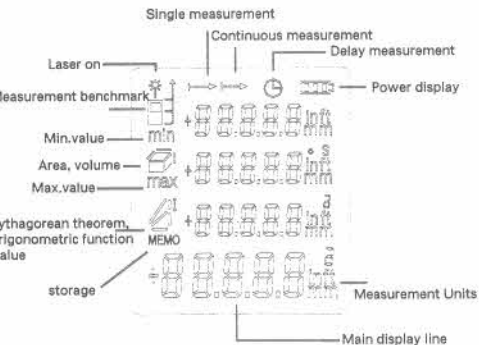
1. Some models of this product are rechargeable models and only use 1.2V AAA Ni-MH rechargeable batteries.
2. Power adapter requirements: 5A === 1A
3. Description of the status of the LED indicator during charging: a. Steady on, indicating that the power supply is not being charged. B. The indicator flashes during normal charging, the light goes out when the battery is fully charged. c. The indicator flashes quickly, indicating that the output is short-circuited. Please check whether the battery is used incorrectly to avoid accidents.



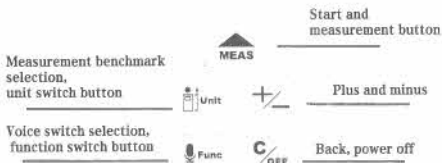
### Warning

1. When using an ordinary battery, please do not charge it to avoid accidents.
2. Do not mix rechargeable batteries with dry batteries at the same time to avoid accidents.
3. Please use the 5V === 1A power adapter as required to avoid accidents.
4. Do not charge the empty battery compartment to avoid accidents.






# Display






# Button




## Basic Settings


1. Push  button, When  the laser light is on, the instrument enters the distance measurement mode.
2. Without any operation, the instrument will automatically shut down after 2 minutes.
3. Press  to clear the measurement data, long press to turn off the instrument.
4. Press  to switch functions, long press to turn the voice on or off
5. Press  to select the measurement reference side. The default reference side of the instrument is the bottom side, long press to switch the units.

## Measurement


1. Push  button, start the laser, push the button again to measure the unit. The measurement result is displayed in the main measurement display area.
2. Long press  button, enter into the continuous measurement mode.
3. The screen will display the maximum and minimum values of the tracked measurement. Short press  button to pause continuous measurement.


## Area, volume

1. Press **F** once to display this icon . Press the measurement key to turn on the laser. At this time, the first edge flashes. After measuring the first edge, press the measurement key to turn on the laser. The second side flashes, then press the measurement key to measure the second side, and the area value will be automatically calculated in the main display area.

2. Press **F** for two times to display this icon . Press the measurement key to turn on the laser, and the first edge flashes at this time. After measuring the first edge, press the measurement key to turn on the laser. The second edge flashes, then press the measurement key to measure the second edge, press the measurement key to turn on the laser, the third edge flashes, and then press the measurement key to measure the third edge, at this time, volume value will be automatically calculated in the main display area.

## Pythagorean Theorem Indirect Measurement

1. Press **F** for three times to display this icon . Press the measurement key to turn on the laser, and the hypotenuse flashes at this time, press the measurement key to measure the hypotenuse, and press the measurement key to turn on the laser. One right-angle side flashes, and then press the measurement key to measure the length of the right-angle side. At this time, the length of the other right-angle side will be automatically calculated in the main display area.


2. Press **F** for four times to display this icon . Measure one by one according to the flashing, the instrument will automatically calculate the length of (1) segment in the main display area.

## Add and subtract measurement function


Single-end distance measurement can be added or subtracted through addition and subtraction operations

1. Push **+**, "+" will appear in the measurement display area of the screen to perform the cumulative measurement mode, and press the measurement key again,

that is, the measurement result is added to the previous measurement value, which can be continuously performed in sequence. And calculate the result on the upper line of the main display area.

2. Push , “-” will appear in the measurement display area of the screen to perform the reduction measurement mode, and press the measurement key again, that is, the measurement result is subtracted to the previous measurement value, which can be continuously performed in sequence. And calculate the result on the upper line of the main display area.

## Delay measurement and memory function

1. Press  for five times. Enter the delay measurement mode, the default delay measurement is 5s. You can use the plus and minus symbols to select the delay time, press the measurement key to start the delay measurement.

2. Press  for six times. Enter memory mode to view historical data.

### NOTES:

Error code	possible cause
Err11	Reply factory Settings
Err21	The signal error
Err22	Out of the range

## Technical specifications

1	Measuring range	0.05 ~ 40m /60m /80m /100m
2	Accuracy of measurement	+/- 2m m
3	Measurement speed	0.5 ~ 1S
4	Measurement benchmark	Front and rear benchmark
5	Unit of measure	m /inch/feet
6	Area measurement	Yes
7	Volume measurement	Yes
8	Pythagorean theorem	Yes
9	Height difference	Yes
10	Add and subtract	Yes
11	Continuous measurement	Yes
12	Timing measurement	5 ~ 60S
13	Storage	20
14	Angle measurement	
15	Charging function	
16	The battery	3-AAA
17	Battery life	10000
18	Laser Class	Class II
19	Working temperature	-5 ~ 40 °C
20	Storage temperature	-20 ~ 60 °C
21	Weight	95.2g
22	Size	120*51*29m m