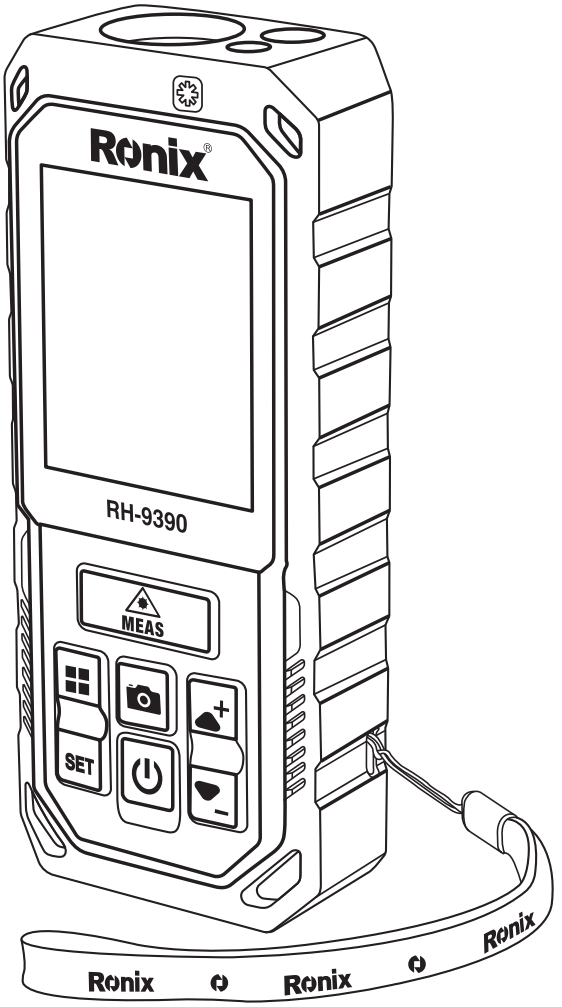
Ronix®
Premium Quality

CAMERA POINT FINDER LASER DISTANCE METER 100m

RH-9390



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BANK SPARE PARTS

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TECHNICAL SPECIFICATION

Model	**RH-9390**
Battery Type	3×AAA NI-MH Rechargeable Batteries
Battery Capacity	900mAh
Laser Beam Color	Red
Material	ABS+RUBBER
Dimension	115/49/26mm
Distance	100m
Measurement Accuracy	±2mm
Weight	0.14Kg
Include	Pouch×1, QC Certificate×1 USB Cable×1, Battery×1, Wristband×1

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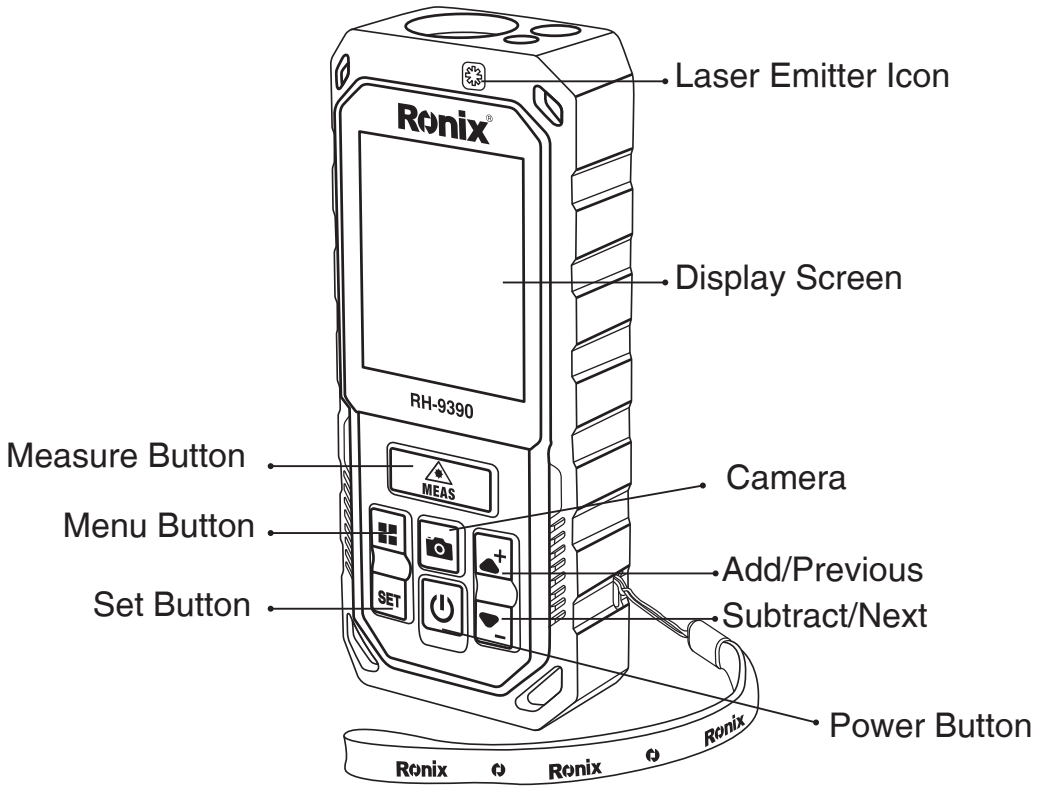
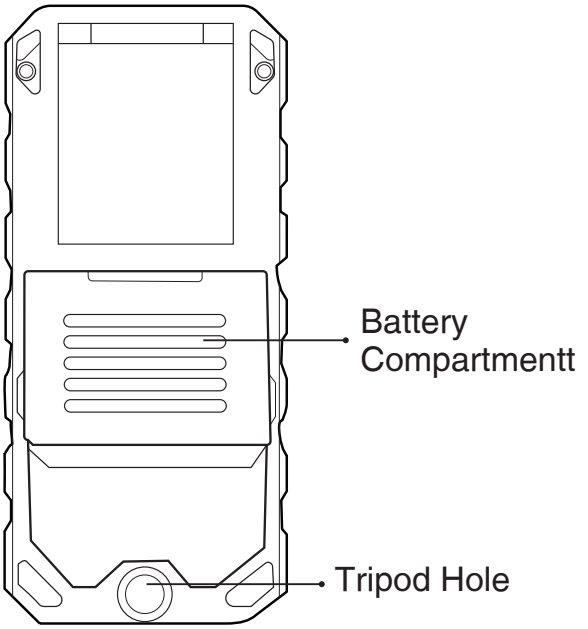
PART LIST





▪MEASURE BUTTON

Activate the measuring mode, short press to measure, long press to Continuous measure.

▪MENU BUTTON

Press to change measuring mode: Area/Volume/Pythagorean two points/Pythagorean three points/Auto level/Auto height/ Point to point/ Trapezium measurement (1)/Trapezium measurement (2)/ Triangle Area measurement/Circular Area measurement/ cylindrical Volume measurement/Stake out.

▪SET BUTTON

Press the button to select Bluetooth, Unit Change, Reference, 3D level, Screen rotation, History and Time-delayed measurement.

▪LASER EMITTER ICON

▪DISPLAY SCREEN

Mode selection display.

▪CAMERA

Press the button to activate the camera, press again to switch between zoom in or out.

▪ADD/PREVIOUS

▪SUBTRACT/NEXT

▪POWER BUTTON

Long press to switch ON/OFF, short press to return to single measurement.

BATTERY COMPARTMENT
TRIPOD HOLE

▪SAFETY INSTRUCTION

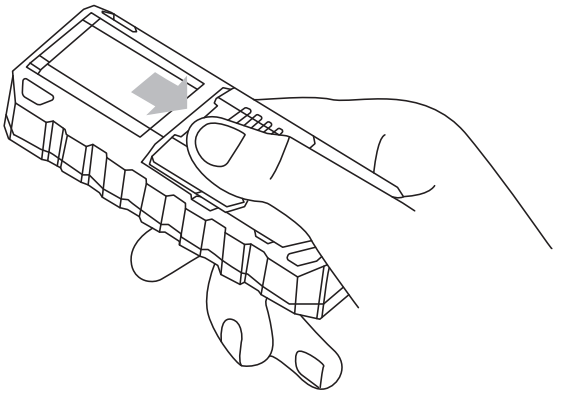
The safety instructions should be read through carefully before the product is used for the first time.

WARNING:

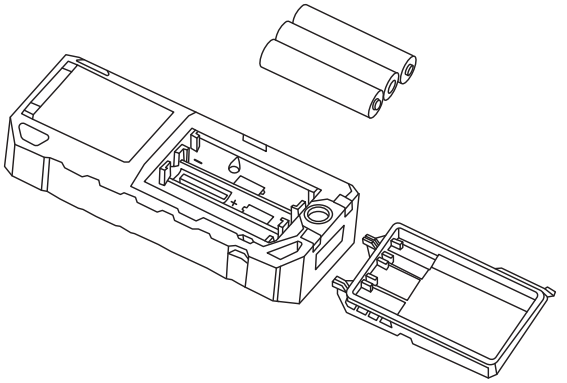
a. the device is categorized into Class 2 laser product. DO NOT stare at laser directly or shoot at others or it will cause damage to eyes.
b. The product is in accordance with strict standards and regulations through the development and manufacturing, but still can't entirely exclude the possibility of interference to other devices, may cause discomfort to human and animals.
- Please DO NOT use this product under explosive or corrosive environment.
- Please DO NOT use this product near medical devices.
- Please DO NOT use this product on the plane.

▪BATTERY INSTALLATION AND INSTRUCTIONS

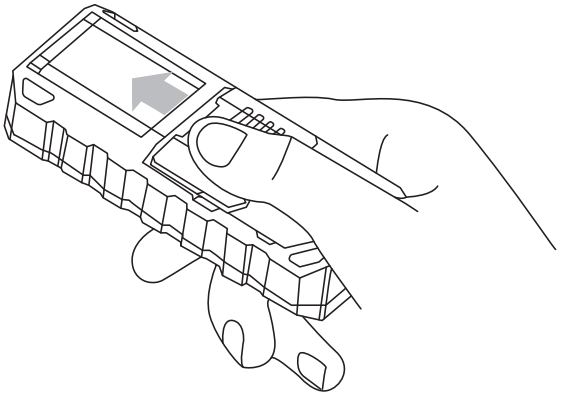
Press and slide the cover toward the rear of the body to open the battery door.



Insert 3×AAA
Rechargeable NI-MH batteries.
Observing correct polarity.



After the battery is placed, cover and hold the battery door, press and slide to the top, the cover can be sealed.

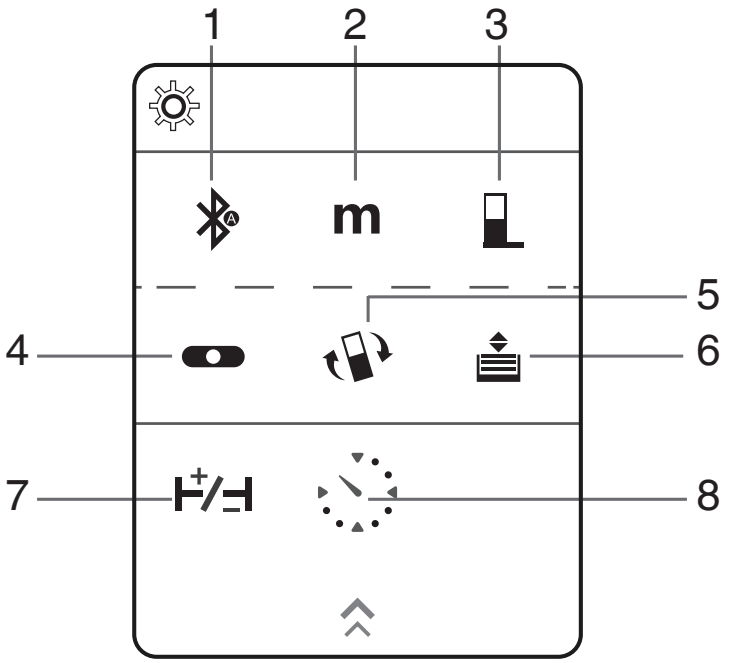


The product uses rechargeable NI-MH
batteries. Please use provided USB cable while charging. The computer can also be used to charge, but this takes more time.

WARNING:

When use dry batteries, please DO NOT use USB to charge.
While charging, the device may heat up, this is normal, and will not affect the product performance and lifetime.
Please unplug the charger and take off the batteries when not in use.

DISPLAY SCREEN



1. BLUETOOTH

To select , then press MEAS to activate or deactivate the Bluetooth tremote control the measurement and data transmission by connecting with App.

When the icon turns grey, the Bluetooth shut off.

2. MEASURING UNIT

To select m, then press MEAS to change the units (m/ft/in/ft+in)

3. MEASURING REFERENCE

To select , then press MEAS to change the reference (Front/ Tripod/Rear), Rear is the default reference.

4. 3D LEVEL

To select , then press MEAS to enter 3D level function.

5. DISPLAY ROTATION

To select , then press MEAS to confirm, it will automatically switch to landscape display when the device placed horizontally.

6. MEMORY

To select , then press MEAS to confirm, then press MEAS or add/subtract to check the records, press to delete the record selected.

7. CONSTANT SETTINGS

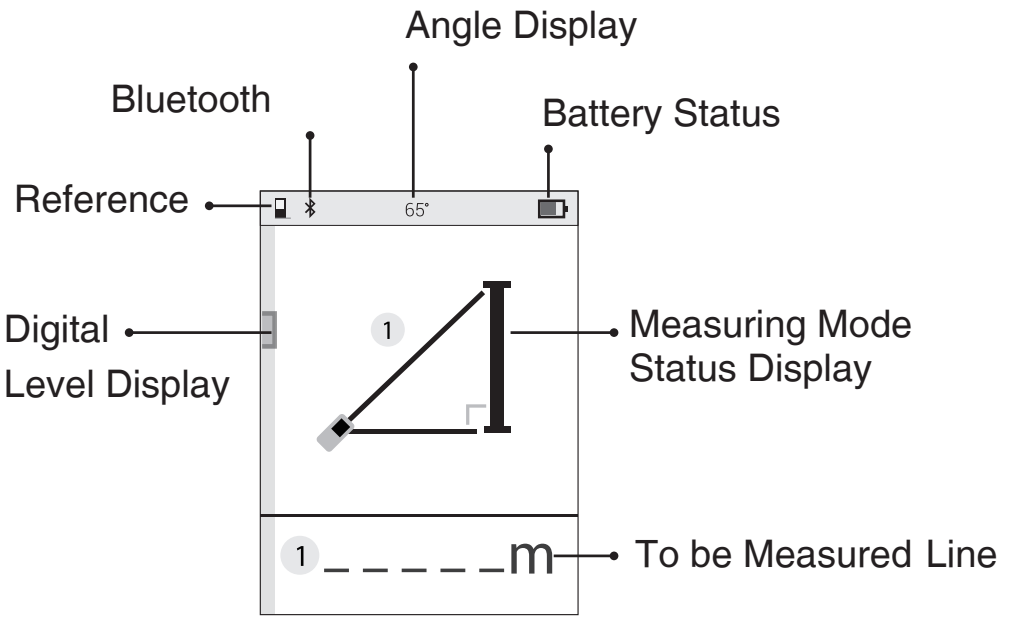
To select ,then press MEAS to confirm, press to move the cursor among the digits, adding or subtracting the value via button. The measuring results will automatically add/subtract that

constant value.

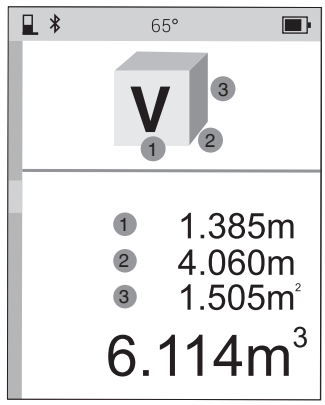
8. TIME DELAYED MEASUREMENT

To select, then press MEAS to confirm, the device shall start measuring after 5 seconds.

▪MEASURING INTERFACE:

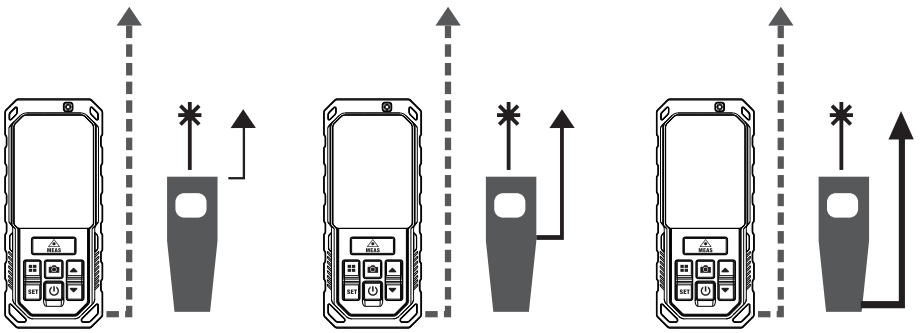


▪SUMMARY LINE



OPERATION INSTRUCTIONS

The Single Distance Measurement prompt when it is switched ON. Press ⊞ to change the measuring mode, the red indicating the current measuring line, and distance data are displayed in Red, measured data marked in Grey, the summary line displayed in Green.



The measuring data should be different due to different reference settings.

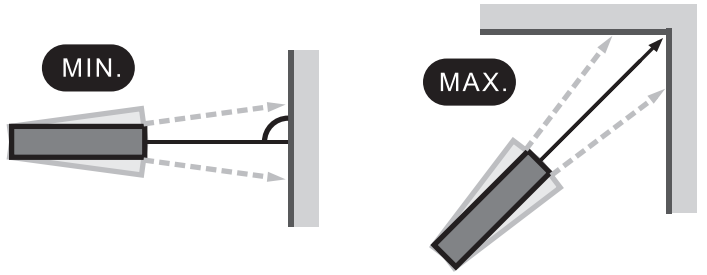
▪SINGLE DISTANCE MEASUREMENT

The device will come to Single Distance Measurement MEAS when it is switched ON. Press MEAS after aiming at target to get result in summary line.

▪CONTINUOUS MEASUREMENT

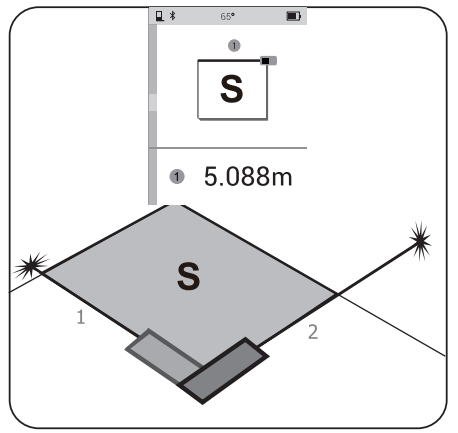
The Continuous Measurement allows the user to measure the Maximum or Minimum distance from a fixed measuring point. Press and sweep slowly the laser back and forth and up and down over the desired target point. The value foe maximum and Minimum distances are indicated in the display as well as the last

measured value marked in green.
You can choose Max or Min value according to your needs.



▪AREA MEASUREMENT

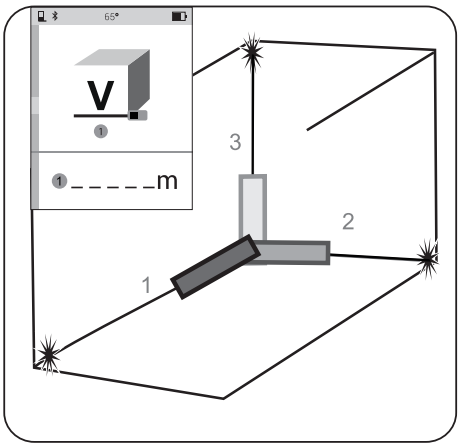
Press ▦ to select Area Measurement via (S), according to reminding of the red line, press [MEAS] to get the distance for 1st line (e.g., Length), press [MEAS] according to the reminding line again to get the distance of 2nd line (e.g., Width), the Area is calculated and displayed in the summary line



▪VOLUME MEASUREMENT

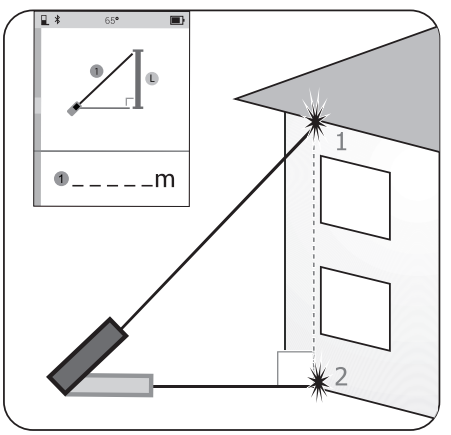
Press ▦ to select Volume Measurement via V according to reminding of the red line, press [MEAS] to get the distance for 1st line (e.g., Length), press [MEAS] again for 2nd line (e.g., Width), press [MEAS] third time for 3rd line (e.g. Height), the Volume is calculated

and displayed in the summary line.



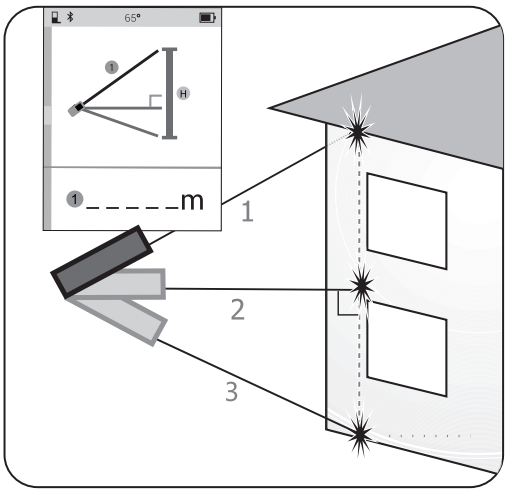
▪PYTHAGORAS (2-POINT)

Press ⊞ to select Pythagoras via ∠ according to reminding of the red line, press MEAS to get the distance of 1st line, change to the horizontal direction of the object from the fixed measuring point, press MEAS again to get the distance of 2nd line, the result is displayed in the summary line.



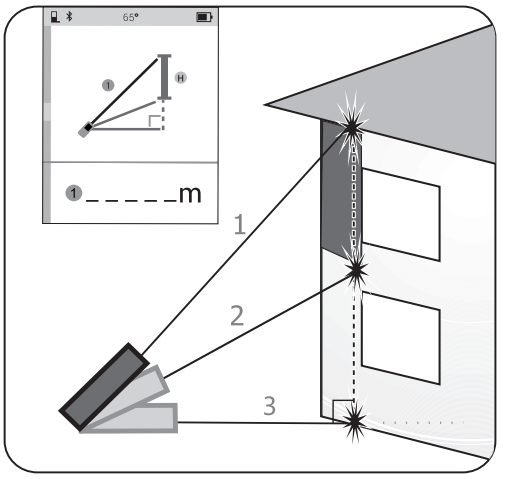
▪PYTHAGORAS (3-POINT)

Press ⊞ to select Pythagoras ① via according to reminding of the red line, aiming at 1st target point, press MEAS to get the distance of 1st line, change to the horizontal direction of the object from the fixed measuring point, press MEAS again to get the distance of 2nd Line, move to the 3rd target point, press MEAS to get the distance of 3rd line, the result is displayed in the summary line.



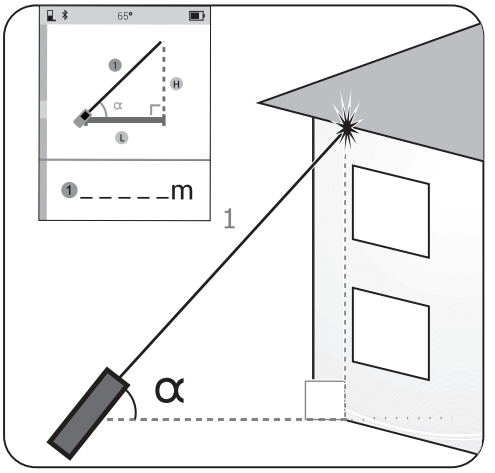
▪PYTHAGORAS (3-POINT) (2)

Press ⊞ to select Pythagoras ② via according to reminding of the red line, aiming at 1st target point, press MEAS to get the distance of 1st line, change to the horizontal direction of the object from the fixed measuring point, press MEAS again to get the distance of 2nd Line, move to the 3rd target point, press MEAS to get the distance of 3rd line, the result is displayed in the summary line.



▪AUTO LEVEL MEASUREMENT

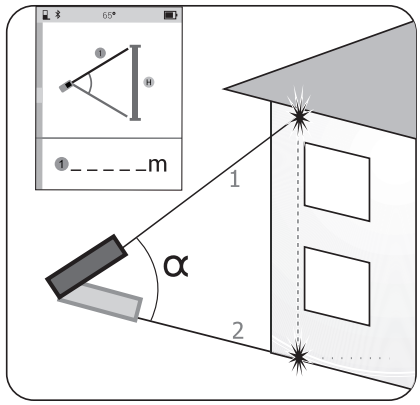
Press ⊞ to select Auto level Measurement via ∠ according to reminding of the red line, press MEAS to get the distance of hypotenuse, vertical and horizontal lines, the result is displayed in line accordingly.



▪AUTO HEIGHT MEASUREMENT

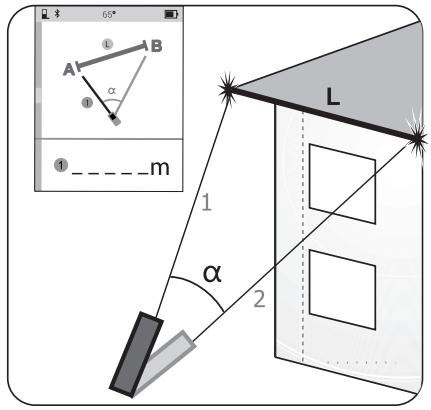
Press ⊞ to select Auto Height Mode ∠, according to reminding of the red line, press MEAS to get the distance for 1st line; press

MEAS again for 2nd line, then you can get vertical height displayed in summary line.



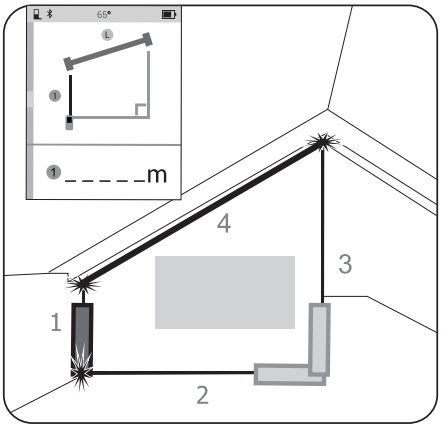
▪POINT TO POINT (P2P) MEASUREMENT

Follow the instruction: “To set the measuring reference for the center point of rotation, wait for stable performance before operating”, hold the device still and wait until the instruction icon disappear. According to reminding of the red line, press MEAS to get the distance to 1st laser point, move the device from the fixed measuring point, press MEAS again to get the distance to 2nd laser point, the distance between two points is displayed in the summary line.



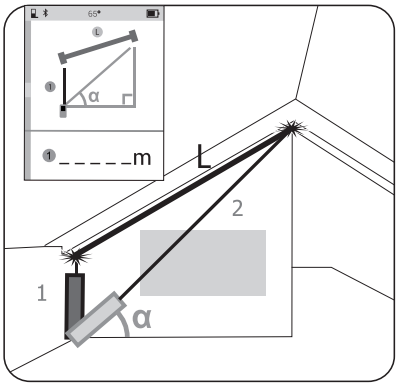
TRAPEZIUM MEASUREMENT

Press ⊞ to select Trapezium Measuring mode ,according to reminding of the red line, press MEAS to get the distance for 1st line; press MEAS according to the reminding line again to get the distance of 2nd and 3rd line, meanwhile, the last line shall be displayed in the summary line.



TRAPEZIUM MEASUREMENT

Press ⊞ to select Trapezium Measuring mode according to reminding of the red line, press MEAS to get the distance for 1st line; taking the fixed measuring point as center then rotate the meter aiming at next target, press MEAS to get the distance of 2nd line; The angle between the diagonal edge and the horizontal edge, the length of right angle side, the length of diagonal edge and hypotenuse shall be displayed accordingly on screen.

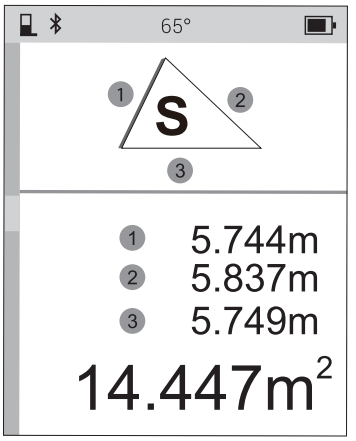


▪TRIANGLE AREA MEASUREMENT

Press ⊞ to select Triangle Measuring mode S according to reminding of the red line, press MEAS to measure the length of the three lines of the triangle ①②③ ,the result of area shall be displayed on screen.

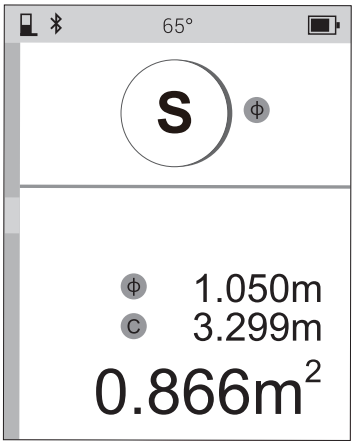
ATTENTION:

if the Triangle could not be composed by those three measured lines, then outputs error.



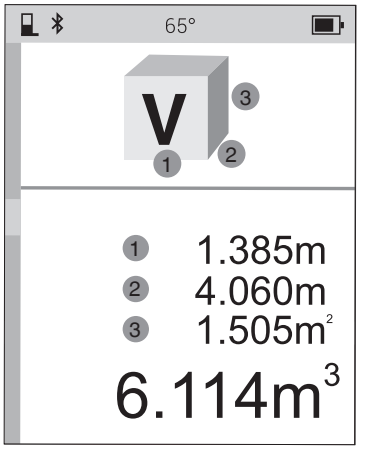
▪CIRCULAR AREA MEASUREMENT

Press ⊞ to select Circular Area Measuring mode (S), according to reminding of the red line, press [MEAS] to get the diameter, then area and circumference shall be automatically output on the screen.



▪CYLINDER VOLUME

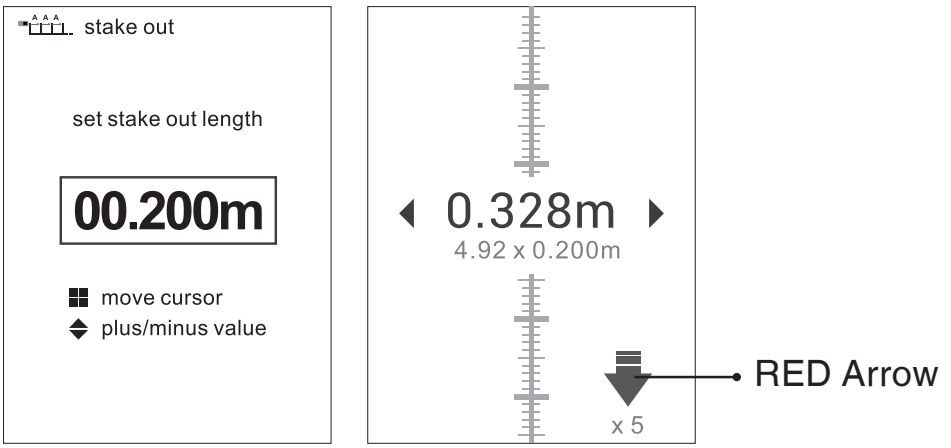
Press ⊞ to select Cylinder Volume Measuring mode V ,according to reminding of the red line, press [MEAS] to get the diameter and height of the cylinder, the device will automatically calculate the area and volume, and display on screen.



▪STAKE OUT

Press ⊞ to select Stake out , press ⊞ to move the cursor and select the corresponding number, press ▲+ ▼- to add/subtract the value until the desired distance is reached. Press MEAS and start Stake out measurement. The green value would be the distance in real time. You can move the device forward or backward according to the red arrow, when approaching the target, the instrument starts buzzing.

The X1/X2/X3 well below or above the red arrow stands for the order of data group.



ADD/SUBTRACT

Under the mode of single measurement, Area and Volume measurement, press ▲+ or ▼- to make add/subtraction calculations on the basis of previous record, the result is displayed in the summary line.

▪CAMERA

Under any measurement mode, when the laser point cannot be

confirmed, press to locate the target in the image. Press to zoom in/out the image and press the

when you confirm the target, the display will automatically switch to measuring mode, the result will be displayed at the bottom of the line.

▪BLUETOOTH APP DOWNLOAD

Users need download “Joyplan” App on mobile phone to use Bluetooth.
Follow this link : https://www.zbjsaas.com/joyPlan/page

▪ERROR CODE

All errors or failures will be shown as codes. The following table explains the meaning of codes and solutions.

Code	Description	Solution
204	Calculation Error	Refer to user manual, repeat the procedures.
208	Excessive Current	Please contact your Distributor
220	Low Battery	Replace Batteries or Charge the Batteries
255	Received Signal too Weak or Measuring Time too Long	Change Target Surface
256	Received Signal too Strong	Change Target Surface
261	Out of the Range of measurement	Select the measurement distance within the range of measurement.
500	Hardware Error	Switch on/off the Device Several Times. If the Symbol Still Appears, Please Contact your Dealer for Assistance.

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