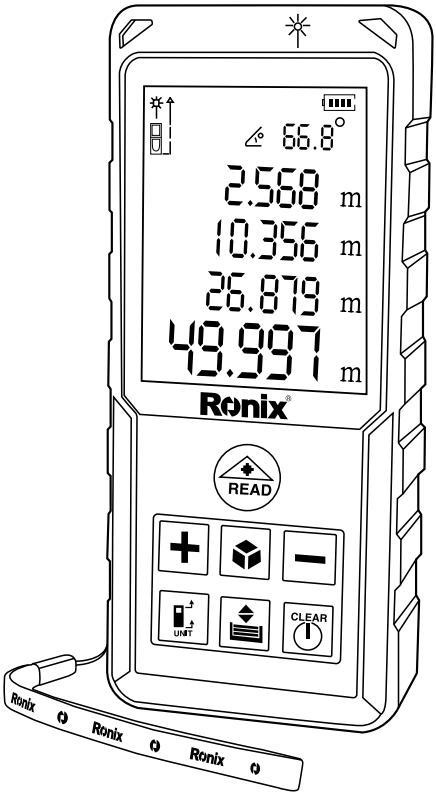
Ronix®

Premium Quality

LASER RANGE FINDER

RH-9353

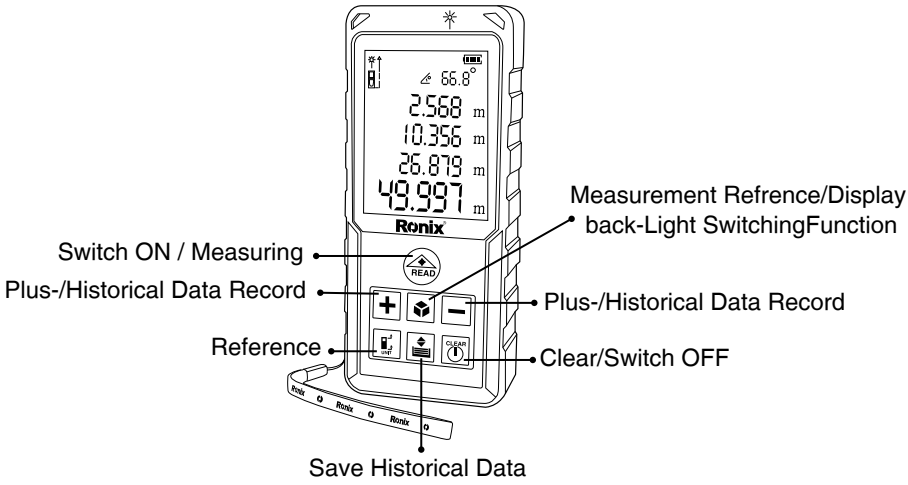


SPECIFICATIONS

Model	RH-9353
Measuring Range	0.05m-100m
Measuring Accuracy(Standard Deviation)	±2.0mn
Measuring Unit	m,ft,in
Area Unit	m^2,ft^2
Laser Type	620-690nm,< 1mW
Laser Class	II
Single Measurement Time	0.25 s
Operating Temperature	0~+40 °C
Storage Temperature	- 20~ +65 °C
Batteries	AAA(Alkaline),2 X 1.5V > 5000"
Weight(	92 g
Dimension(LXWXH)	120X50X25 mm
The laser automatically shuts off	10 seconds
the instrument automatically shuts off	5 minutes

- Maximum deviation error or Shorter range occurs under unfavourable conditions such as bright sunlight or when measuring too poorly reflecting or very rough surfaces. The environment temperature is too high or too low.
- When measuring within 10m, measurement accuracy is ± 2.0mm; more than 10m, measurement accuracy is calculated as follows: ±2.0mm×±0.05 (D-10) (D:Measuring Distance, Unit: m)

PARTS LIST



▪SAFETY INSTRUCTIONS

1. This product is a classII laser product. Please DO NOT stare into beam at any time when operating this product!
2. Please DO NOT looking directly into the beam with optical aids (e.g.bioculars, telescopes)!
3. Please DO NOT remove any safety labels on this product!

INSIDE THE BOX

1. Laser distance meter	one
2. Mainframe	one unit
3. User Manual	one copy
4. Safety strap	one piece
5. carry case	one
6. AAA Battery (2×1.5V)	Two pieces

BASIC FUNCTIONS

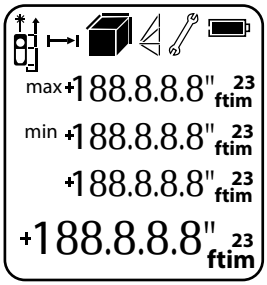
Single Measurement	✓
Max. / Min. Measurement	✓
Continuous Measurement	✓
Area / volume Pythagoras	✓
Unit Setting	✓
Reference Setting	✓
Buzzer Indicator	✓
Historical Data Records	✓
Data Cleanup	✓
Error Message Code	✓
Battery Indicator	✓
Laser Auto. Switch off	10s
Instrument Auto. Switch off	5min

PROHIBITED USE

1. Opening the equipment by using tools (screwdrivers, etc.), as far as not specifically
4. Immersing the equipment in water
5. Cleaning the lens using alcohol or any other organic solvent
6. Wiping the lens directly with fingers or other rough surfaces
7. Powering the equipment beyond the rated DC voltage

LCD DESCRIPTION

SIGNAL POWER INDICATION
AREA/ VOLUME/PYTHAGORAS
LASER “ON”
REFERENCE
CONTINUOUS MEASREMENT
CURRENT READING
HISTORICAL READINGS
BATTERY STATUS
HARDWARE ERROR
UNIT



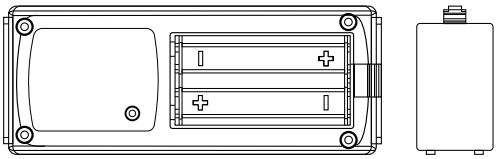
START-UP

1. Battery Installation

a. According to figures, remove battery compartment lid

b. Insert batteries with correct polarity according to battery lid indication

c. Close the battery compartment lid



⚠ CAUTION:

1. Please do not mix new and old batteries, Use alkaline batteries or rechargeable batteries only

2. Please replace batteries when the symbol flashes permanently in the display

3. Please remove the batteries before any long period of non-use

4. Flat batteries must not be disposed of with household Care for the environment and take them to the collection points provided in accordance with national or local regulations

EQUIPMENT OPERATION

▪SWITCH ON AND OFF

Long-time press (READ) button to switch on the equipment with default reference setting of single measurement mode, rear reference and metric unit system;

Short-time press (READ) again, the battery state and laser replection signal ntensity indication as shown in as figure B

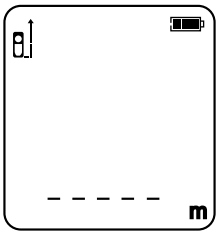


figure B

Long-time press [CLEAR] button to switch off the equipment; the laser will be switched off automatically after 10 seconds and the equipment will be powered off after 5 minutes of inactivity;

CHANGE MEASUREMENT REFERENCE

Default setting of measurement is rear edge when meter switch on, short-time press button [UNIT] will change the measurement reference. Long-time press [UNIT] will turn on the display backlighting, again turns off display backlight.

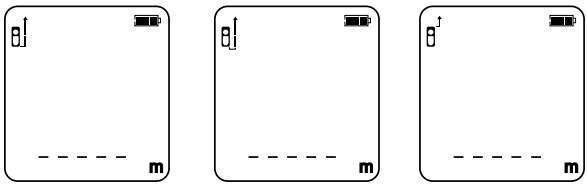


figure C

CLEAR BUTTON

Pressing CLEAR button to clear the last command or displayed data;

UNIT CONVERSION

Instrument default unit is m.Long-time press button to switch the unit of measurement.

MEASUREMENT

▪SINGLE – MODE MEASUREMENT

When equipment is switched on, short-time pressing ON button will activate the laser and aim the laser onto target and Short-time pressing ON button again will trigger single-mode measurement, the result will displayed immediately as shown in figure D.

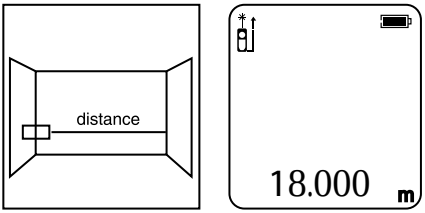


figure D

CONTINUOUS-MODE MEASUREMENT

When the equipment is switched on, long-time pressing READ button will trigger continuous – mode measurement.
MIN: MINIMUM VALUE
MAX: MAXIMUM VALUE

Current measurement value is displayed in LCD bottom line as shown in figure E.

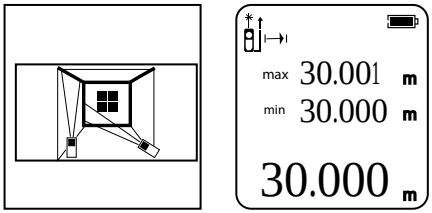


figure E

FUNCTIONS

Area, Volume, Indirect Measurement (Pythagorean Theorem)

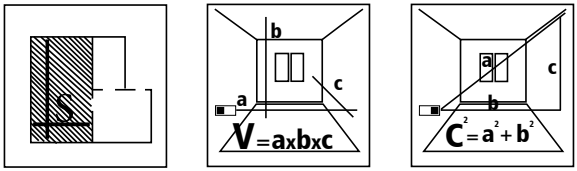


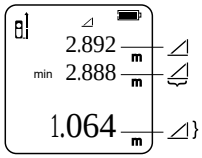
figure F

Press button to change measurement functions respectively, as shown in figure F; select corresponding function and begin the measurement;

MEASUREMENT	ICONS
Area Measurement	
Volume Measurement	
Pythagorean Theorem 1	
Pythagorean Theorem 2	
Pythagorean Theorem 3	

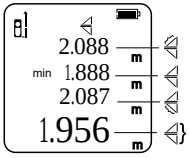
PYTHAGOREAN THEOREM

Pythagorean Theorem1



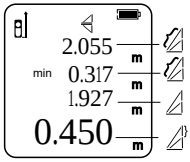
Without Angle

Pythagorean Theorem2



Without Angle

Pythagorean Theorem3



Without Angle

ADDITION AND SUBTRACTION FUNCTIONS

+ The current measurement result is added to the previous one
- The current measurement result is subtracted from the previous one, as shown in figure G

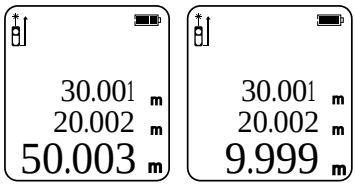
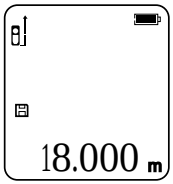


figure G

STORAGE AND RECALL OF MEASUREMENTS

1) Measuring data will be storage automatically, short-time press to the historical reading. The Display will appear like the figure.
2) The higher number (up to 99) indicates the most recent measurement taken.
3) Use the + or ? buttons to scroll through the measurements.



MESSAGE CODE

Message Code	Possible cause	Remedy
Err10	Battery too low	Change batteries
Err15	Out of range	Measure target within the range
Err16	Received signal too weak	Use light color target; hold Quick Measure more steady
Err18	Background brightness too high	Use dark colored target

PERSONAL SAFETY

Stay alert, watch what you are doing and use common sense when operating a power tool. do not use a power tool while you are tired or under the influence of drugs, alcohol or medication A moment of inattention while operating power tools may result in serious personal injury.
Use safety equipment. Always wear eye protection. Safety equipment such as dust mask, non-skid safety shoes, hardhat, or hearing protection used for appropriate conditions will reduce personal injury.

66.8°
2.568 m
10.356 m
26.879 m
49.997 m
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