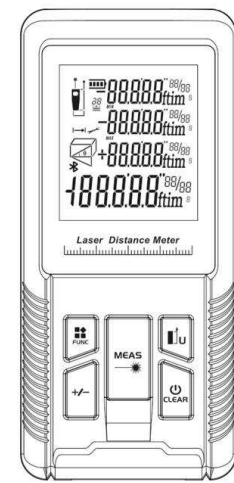


SK SERIES

LASER DISTANCE METER

SK40A/SK50A/SK70A/SK100A/SK120A



Operation Instruction

Reference Setting

The default reference side of the instrument is the rear reference, and the display shows the icon. Press the key. The datum is set to the front datum, the screen displays , press again to return to the back datum.

Clear Off

Short press , Clear the last action or line by line data. While marking area or volume measurements, each single measurement can be deleted and re-measured.

Unit

The default state unit of the instrument is metric M. long press the key to switch the measurement unit. The following units are available: m(meter)、ft(feet)、in(ich)、ft+in(feet-inch -1/16)

6 Measuring

Measuring

Single Distance measurement

Under instrument turn on, short press to activate the laser, and direct the beam to the measured item, press again to trigger the single distance measurement, the result if displayed immediately. As Figure B

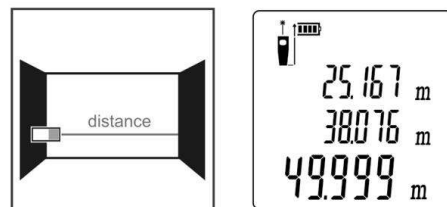


Figure B

5

Continuous/Maximum-Minimum measurement

Long press to enter into continuous measurement function, As Figure C. The order from top to bottom is the minimum value, the maximum value, and the current value. Short press to exit the measurement, or automatically stop after 5 minutes of continuous measurement.

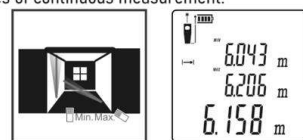
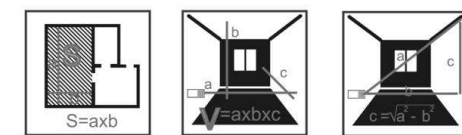


Figure C

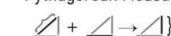
7 Functions

Short press the to switch the function. Refer to Item 2 (icon introduction) to select the required function. Measure according to figure D

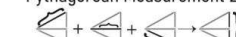


Area Measurement Volume Measurement Pythagorean Measurement

Pythagorean Measurement 1



Pythagorean Measurement 2



Addition and Subtraction Measurement

Press , Addition function, Press again, Subtraction function.

+ the next measurement is added to the previous one,

- the next measurement is subtracted from the previous one.

Measure according to figure E

6

User Manual

Congratulations on the purchase of our product. Carefully read the Safety Instructions and the person responsible for the instrument must ensure that all users understand these directions and adhere to them.

Catalogue

1.Safety Instruction	2
2.Screen Display Icons Introduction	3
3.Menu Function	3
4.Start-Up	4
5.Operation	4
6.Measuring	5
7.Function	6
8.Parameters	8

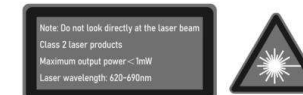
Error Code	10
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1

1 Safety Manual

Safety Instruction

- Please do not look directly at the laser when using this instrument at any time! Digital laser meter is a class II laser product.
- Please do not use this product with other optical products to avoid serious laser damage Radiation!
- Please do not damage any safety warning signs on the instrument!



Preface

Thank you for purchasing our digital laser distance meter!

Please read all contents of this manual carefully before using the instrument, otherwise it is possible to cause dangerous laser radiation injury and electric shock.

note

- Do not use the instrument under unstable conditions
- The instrument should be kept away from children.
- Do not try to disassemble or modify this instrument, otherwise it may cause laser emission power.Increase, causing unnecessary personal injury.
- Please keep this manual for future inquiry.
- It is recommended to use 1.5V AAA battery X2.

2

8 Technical parameter

Model	SK-40A	SK-50A	SK-70A	SK-100A	SK-120A
Measuring Range	0.05-40m	0.05-50m	0.05-70m	0.05-100m	0.05-120m
Measuring Accuracy	±2mm	±2mm	±2mm	±2mm	±2mm
Display Accuracy	1mm				
Laser Class	Class II				
Laser Power	<1mW				
Area/ Volume Measurement	√				
Pythagorean Measurement	√				
Addition and Subtraction	√				
Storage Function	√				
Continuous Measurement	√				
MAX/MIN Measurement	√				
Multi-line Display	√				
Waterproof Level	IP54				
Operating Temperature Range	0℃~+40℃				
Storage Temperature Range	-10℃~+50℃				
Battery	3xAAA Batteries				
Laser Auto-off Time	30 seconds later				
Machine Auto-off Time	3 minutes later				

Note: Do not charge alkaline dry batteries

The measurement accuracy: the measurement error should be under favorable working environment, if the working environment in bad condition (the illumination is too high, the temperature difference is too large or the surface of the measured object is not ideal), it will affect final measurement data.

8

Prohibited Using:

- Users open or repair the instrument by themselves.
- Using the instrument directly into the sun.
- Using outside the specified scope of the instrument.
- Immerse the instrument in water.
- Wipe the lens with organic solvent.
- Wipe the lens directly with your hands or other rough objects.
- Using power supply outside the rated voltage to supply power to the instrument.

2 Screen Display Icons Introduction

Laser on

Area Measurement

Volume Measurement

Pythagorean Measurement

Double Pythagorean Measurement

Continuous/Maximum-Minimum Measurement

Measurement Datum

History Memory

Power display

Bluetooth icon

Measurement error

3 Menu Function

Turn on / measurement Key

Function Key

Switch Key for Datum/Unit

Addition and subtraction keys

Turn off/Clear off Key



3

4 Start-Up

Battery Installation

- Open the batter cover as figure A.
- Install or replace 3X AAA alkaline dry batteries according to the battery polarity mark at the end of the battery compartment.
- Close and Fasten the battery cover.

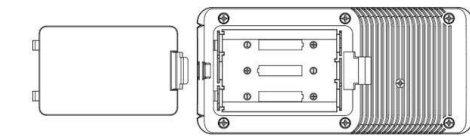


Figure A

Cautions

- Please use batteries from regular manufacturers.
- Please do not use old and new batteries together.
- When the instrument shows low battery, please replace the battery in time.
- Remove the batteries if not using instrument for long period.
- Waste batteries should be recycled according to the relevant national or local regulations.

5 Instrument Operations

Turn On/Off

Press the key to turn on the instrument, the backlight will be on, and it will automatically switch to the single measurement mode.

Long press the key for 2 seconds to turn off the instrument, and there is no activity on the instrument within 30 seconds, It will turn off the laser beam by itself; and turn off automatically after 3 minutes.

4

Error Code

All information is displayed as an icon or "error". The following information can be corrected:

Error Code:	Cause:	Solutions:
Er101	The Low power	Replace the battery
Er104	Calculation error	Re-measuremen
Er108	1m correction error	The error between the measured distance and the actual 1m distance should be less than or equal to 9 mm
Er155	Out of range	Please range the target within the range
Er157	The signal is too weak or the measurement time is too long	Use high reflectivity reflectors
Er159	The ambient light is too strong	Use reflectors with low reflectivity
Er194	Out of range of numerical display	Measure within the range of numerical display

10