



说明书材质要求：105g 有光铜版纸	说明书成品尺寸：70*150mm
第一：专色用6级防晒油墨+CMYK油墨要求： 1.PANTONE137C专色油墨(专色用6级防晒油墨)； 如果自己配色，油墨配比为：酒联中黄(防晒)2000g 酒联金红(防晒)225g 2.C色油墨：酒联天蓝墨 3.M色油墨：酒联金红墨 4.Y色油墨：pantone123C专色油墨 5.K色油墨：酒联黑墨	第二：特别注意： 1.印刷时看样请参考我司提供的实物样品颜色。不得偏色 2.137C的专色不得参考C=0,M=35,Y=90,K=0对应的四色 色谱颜色来看样印刷 Pantone 137C Black (两色印刷)
折叠方式：风琴折	备注：

特别注意： 此页内容不印刷

风琴折 + 对折 页面顺序

16P 页面顺序

9	10	11	封面
12	13	14	封底

1	2	3	4
5	6	7	8

20P 页面顺序

11	12	13	14	封面
15	16	17	18	封底

1	2	3	4	5
6	7	8	9	10

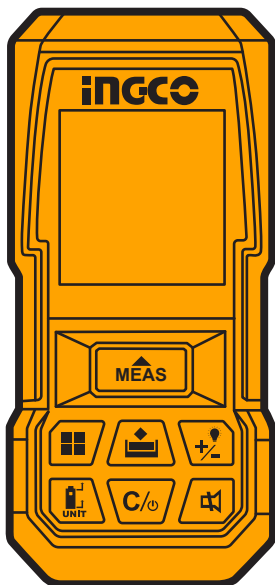
更改记录	1. 新制作			1. 删除内页屏幕度数			1. 修改说明书尺寸		
	0624.V01	2024.6.6	QQY	0924.V02	2024.9.19	QQY	1124.V03	2024.11.13	QQY
	版本号	日期	设计师	版本号	日期	设计师	版本号	日期	设计师

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PRODUCT MANUAL

LASER DISTANCE DETECTOR



HLDD0708 HLDD0708xy
x(blank,1,2,3,4,5,6,7,8,9,E,S,A,M)
y(blank,-1,-2,-3,-4,-5,-6,-7,-8,-9,E,S,A,M)



SCAN FOR VIDEO

Original Instructions

GENERAL SAFETY WARNINGS

1. This product is a class II laser product. DO NOT stare into beam at any time when operating this product!
2. DO NOT looking directly into the beam with optical aids to avoid causing serious laser radiation!
3. DO NOT remove any safety labels on this product!

WARNING!

1. DO NOT use this product in an unstable situation.
2. Please avoid kids to contact and use the meter.
3. DO NOT disassemble or restructure the meter.
Otherwise, it may lead to laser emission resulting in unnecessary personal injury.
4. Please keep the manual, it is useful when you use it.

Accessories

Laser distance meter 1pcs

Battery 2pcs

User manual 1pcs

Packing box 1pcs

Hand rope 1pcs

Tools bag 1pcs

Technical specifications

Model No.	HLDD0708 HLDD0708xy
Single measurement	√
Continuous measurement (max/min)	√
Area/Volume/Pythagoras	√
Plus and minus	√
Unit Conversion	√
Historical data review	√
Error code	√
Battery power indication	√
Third reference point	√
Laser auto switch of	30s
Instrument auto switch off	180s
Measuring range	0.05m~70m
Measuring accuracy (Standard deviation)	±2.0mm
Measuring unit	m, ft, in, ' "
Area unit	m ² , ft ² , in ² , ft ²
Volume unit	m ³ , ft ³ , in ³ , ft ³
Laser type	620~690nm
Laser class	class II <1mW
Operating temperature	0~+50°C
Storage temperature	-20~+65°C
Batteries	2×1.5V
Working time (fully charged)	>5000 times

Model No. NOTE: x (blank, 1,2,3,4,5,6,7,8,9,E,S,A,M)
y (blank, -1,-2,-3,-4,-5,-6,-7,-8,-9,E,S,A,M)

- Due to our continuing program of research and development, the specifications herein are subject to change without notice.

NOTE:

- When measuring distance within 10m, measurement accuracy is ±2mm ; more than 10m, measurement accuracy is calculated as follows: $\pm 2\text{mm} \pm 0.05 \times (D - 10)$ (D: Measuring Distance, Unit: m).
- When measuring too poorly reflecting target or

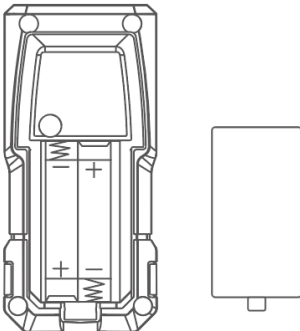
very rough surfaces, or the environment temperature is too high or too low or ambient brightness is too bright, such as under sunlight, The deviation will be unfavorable.

Forbidden

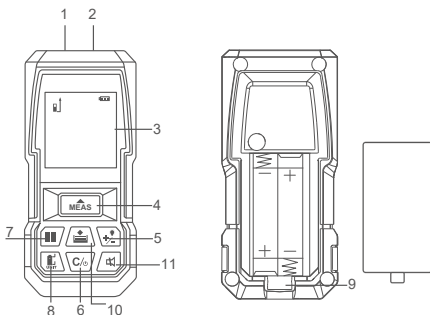
1. Opening or repairing the equipment without allow.
2. Measuring on sun.
3. Others measuring out of appointed range.
4. Immersing the equipment in water.
5. Cleaning the lens using alcohol or any other organic solvent.
6. Wiping the lens directly with fingers or other rough surfaces.
7. Powering the equipment beyond the rated DC voltage.

Battery installation

According to figures, remove battery compartment lid and insert 2*AAA batteries (alkaline).



Structure of product



Components

- | | |
|-------------------------------|--|
| 1. Laser emitter | 7. Function key |
| 2. Laser receiver | 8. Reference switch key /Unit switch key |
| 3. Display screen | 9. Battery compartment |
| 4. Power key/Measuring key | 10. Data review key |
| 5. Plus key/ Minus key | 11. Trumpet off key |
| 6. Clear key/Exit key/OFF key | |

OPERATION

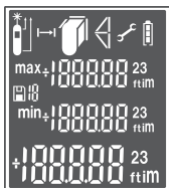
Firstly, thank you for your choice on our handheld laser distance meter. Please carefully read the safety instructions and the user manual before using this product, otherwise it may result in hazardous laser radiation and electric shock.



Operation

1. Switch-on

Short-time press  to switch on the equipment, screen will show as below very quickly:



Then the meter enter Single Measurement Mode and laser point is opened, indication as shown as figure A. Laser point is automatically shut down if no any operation after 30 seconds. Or short-time press  to close the laser point, indication as shown as figure B. Short-time press  again to open laser point, indication as shown as Figure C.

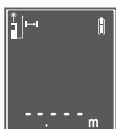


Figure A

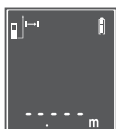


Figure B

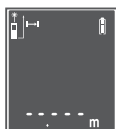


Figure C

Change measurement reference

Default measuring reference is the bottom of meter, indication as shown as figure D. Short-time press  to change the measuring reference to the top of meter, indication as shown as figure E.

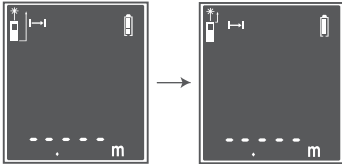


Figure D

Figure E

Unit conversion

Factory default that unit is m, indication as shown as figure F. Long-time press  to switch unit m to Ft, indication as shown as figure G. Long-time press  again to switch the unit Ft to In, indication as shown as figure H. (Note: Long-time press  to switch the unit of measurement, the value will switch correspondent at the same time if there is value of measurement.)

When the unit is m², Long-time press , the unit will switch unit m² to Ft². long-press again, switch unit “Ft²” to “in²”

When the unit is m³, Long-time press , the unit will switch unit m³ to Ft³. long-press again, switch unit “Ft³” to “in³”

Later when you switch on meter, the meter will remember the last measuring unit you used.

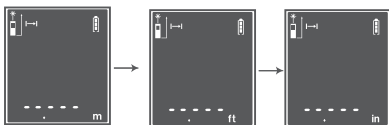


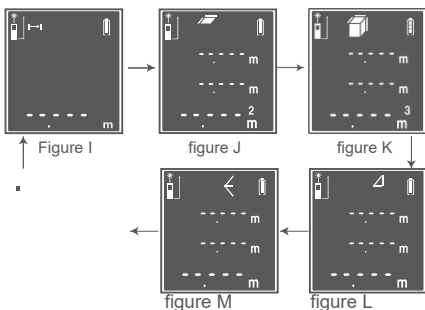
Figure F

Figure G

Figure H

Change measurement mode

Default setting of measurement is Single Measurement Mode, indication as shown as figure I. Short-time press  to switch Area Measurement Mode, indication as shown as figure J. Short-time press  again to switch Volume Measurement Mode, indication as shown as figure K. Short-time press  again to switch Single Pythagorean Theorem Measurement Mode, indication as shown as figure L. Short-time press  again to switch Dual Pythagorean Theorem Measurement Mode, indication as shown as figure M.



Historical data review and delete

Short-time press  to switch Historical Data Review Mode, the last measuring data will be displayed, indication as shown as Figure N. At

this mode, short-time press  to view the measurement backward, short-time press  to view the measurement forward, Short-time press  to delete the measurement one by one. Historical Data range: 0-99. (**NOTE:** At this Historical Data Review Mode, there will be some measuring data that factory tested. It does not mean this equipment has been used.)



figure N

Switch off

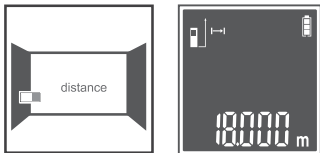
The equipment can be switched off at any time by long-time press .

Function description

Single measurement

At the Single Measurement Mode, aim the laser onto target. Short-time press . The measuring result will be displayed immediately as shown as Figure O.

Figure O



Continuous measurement

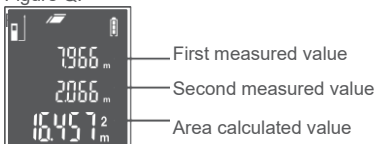
At the Single Measurement Mode only, aim the laser onto target. long-time press  to enter the continuous measurement, the Max measuring value, Mix measuring value and Current measuring value will be displayed at screen. Indication as shown as Figure P.

Figure P



Area measurement

At the Area Measurement Mode, aim the laser onto target. Short-time press **MEAS** to measure the two side lengths of the target respectively, area calculated value will be displayed as shown as Figure Q.



Volume measurement

At the Volume Measurement Mode, aim the laser onto target. Short-time press **MEAS** to measure three lengths of the dimensional target orderly. The volume calculated value will be displayed immediately as shown as figure R. (Note: the length value of third side do not display at screen, because the screen can display three lines only.)

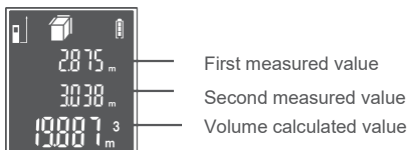


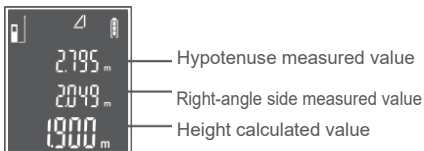
Figure R

Single Pythagorean theorem measurement

At Single Pythagorean Theorem Measurement Mode, aim the laser onto target. Short-time press

MEAS to measure the length of the hypotenuse and right-angle side of a right triangle. The height calculated value of the right triangle will be displayed immediately on the screen as shown as Figure S.

Figure S



Dual Pythagorean theorem measurement

At Dual Pythagorean Theorem Measurement Mode, aim the laser onto target. Short-time press MEAS to measure the length of the hypotenuse, right-angle side and other hypotenuse of a triangle orderly. The total height calculated value will be displayed immediately on the screen as shown as Figure T.

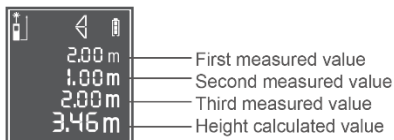


Figure T

At the another dual pythagorean theorem measurement mode, aim the laser onto target. Short-time press MEAS to measure the length of the first hypotenuse, the second hypotenuse and the right-angle side of a triangle orderly. The subtract height calculated value will be displayed immediately on the screen.

Plus and minus functions

At the Single Measurement Mode, aim the laser onto target. Short-time press  to get a measurement, indication as shown as Figure U, Then Short-time press , indication as shown as Figure V, then short-time press  to get another measurement, The summation will be displayed immediately, indication as shown as figure W. It is plus function; minus function is same as plus function.

At Area Measurement Mode and Volume Measurement Mode, plus function and minus function is available.



Figure U



Figure V

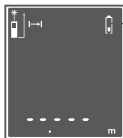


Figure W

Battery power indication

When the battery power indication as shown as Figure X, it means the battery should be changed.

Figure X



Battery Power
Indication

Error code

Code	Possible cause	Remedy
Err 08	Error of pythagorean theorem measuring	Remeasure
Err 10	Battery too low	Change batteries
Err 15	Out of measuring range	Measure target within the range
Err 16	Received signal too weak	Measuring high reflectance target or use high reflectance reflector
Err 18	Received signal too strong	Measuring low reflectance target or use low reflectance reflector
Err 26	Value is too big to display at screen	Reduce measuring range

