



说明书材质要求: 105g铜版纸	说明书成品尺寸: 100x148mm
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 <div><div></div> Pantone 137C <div></div> C=0, M=100, Y=100, K=0 <div></div> C=83, M=52, Y=0, K=0 <div></div> Black (五色印刷)</div>
折叠方式: 骑马钉	备注:

特别注意: 此页内容不印刷

更 改 记 录	1. 删除说明书第5页下方整个框的文字				
	0422_V04	2022_3_29	QQY		
	版本号	日期	设计师		

INGCO

3D All-Lines Green

EN 3D All-Lines Green



HLL255267



SCAN FOR VIDEO



SAFETY CLAUSE



Before using this product, be sure to read and understand all the full safety terms and operating instructions in this manual.

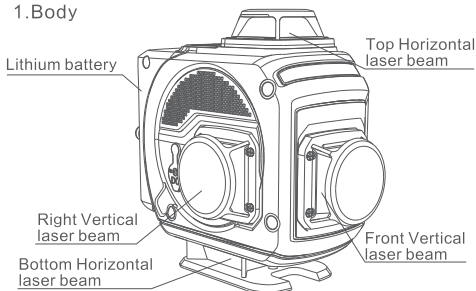
- ⚠ The product should be handled with care to prevent the product from being accidentally dropped, resulting in poor accuracy of the use result.
- ⚠ Don't try to change the characteristics of the laser beam in any way, which can cause the laser exposure to be dangerous.
- ⚠ This produce belongs to Class II laser products. But laser radiation is harmful and do not look directly at the laser. Turn on the laser only when using this instrument.
- ⚠ The use of this product in conjunction with other optical instruments will increase the damage to the human eye.

CAUTIONS ON OPERATION

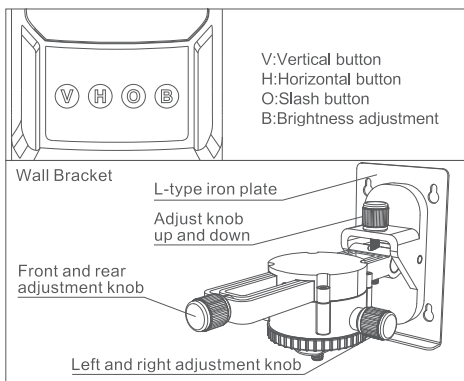
- Please charge the Lithium-electric laser level before using because the product in the factory is only weak electricity.
- Check the accuracy of the instrument according to the operation manual before every operation, or go to the distribution center of the company regularly to align the accuracy of the instrument.
- Avoid colliding or shaking. Lock the lock switch when not in use.
- Do not use organic solution to wipe the surface of the instrument.
- Avoid sun exposure to the instrument.
- The battery should be removed when the instrument is out of use for a long time.
- Instruments shall be stored in a dry and ventilated environment.

I. INSTRUMENT INTRODUCTION

1.Body



2.Control panel and Wall Bracket



II. SPECIFICATION

Product specifications	12 lines
Laser safety standard	Class-2 laser
Laser wave	Green 515nm
Compensator performance range	$<3^{\circ}$
self-leveling time	$<4S$
Horizontal leveling accuracy	$\pm 1.5mm/5m$
Vertical leveling accuracy	$\pm 1.5mm/5m$
Laser width	2mm/5m
Output power	$<1mW$
Power	DC3.7V 5000mAh
Working temperature	$-10\sim+40^{\circ}C$
Storage temperature	$-20\sim+55^{\circ}C$
Base thread size	1/4,5/8 inch

III. PRECISION CHECK

◆ Horizontal line check

1. Place the machine in the middle of a room about 10 meters long and 8 meters wide.
2. Establishment of four points as the original coordinates in the horizontal laser projection on the four walls of the arbitrary.
3. Rotate the instrument at the original position about 180° , and view the deviation of the horizontal line from the four original coordinates, which should be within 1mm.

◆ Vertical line inspection

1. Hang a lead vertical line on the wall.
2. Place the instrument 5 meters away from the wall.
3. Use the vertical laser line of the instrument to align the vertical lead line to see if the distance between the two is greater than the error range, and then rotate the instrument 180° to place the vertical laser line of the instrument to align the vertical lead line to see if the distance between the two is greater than the error range.
4. Check the remaining 1 laser beam with step 2.

IV. MEASUREMENTS

1. The instrument is placed on the ground, a lifting platform or a bracket fixed on the wall.
2. Fix the instrument on the bracket and adjust the tail and side knobs on the bracket to make the instrument flat on the wall.
3. Turn on the instrument lock switch, and control the vertical line or horizontal line through V or H on the key board; adjust the B key to control the brightness of the horizontal line and vertical line.
4. When this model is turned on:
Long press (2-3S) the O key on the key panel, the instrument enters the diagonal mode;
Long press (2-3S) the O key on the key panel again to exit the oblique line mode.

V. COMMON TROUBLESHOOTING

Phenomenon	Analysis of causes	Solutions
Switch to the "ON" position, but the laser line is not bright	Low battery power	Charging lithium batteries
	Switch not pushed in position	Switch off and push back to "ON" position
	Instruments beyond working temperature range	Ensure that the operating temperature of the instrument is between -10° C and 40° C
Laser Line Flicker	Instruments out of scope	Adjust the instrument to approximate level
Laser Line Accuracy Super Poor	A sudden change in the ambient temperature of the instrument	Place for a period of time to align the temperature and environment of the instrument
	The instruments suffered strong collisions and falls	Send back factory to repair
Laser line thickened or blurred	Dust on the glass surface	Clean with a soft cloth
Laser line visibility becomes worse	The ambient light is too bright	Reducing ambient brightness
	Low battery power	Charging lithium batteries

INSPECTION CERTIFICATE

Checker: _____

Date: _____

**Upon examination of the product,
it is permitted to leave the factory**

VI. WARRANTY AND SERVICES

1. Please send the products to the local dealer by yourself and provide the valid warranty card and original invoice/receipt. If the card is missing, we won't provide any new one and please take good care of it.

2. Warranty period:

Within one year from the date of purchase under normal conditions of use and the failure caused by the quality of the product belongs to the warranty.

3. During the warranty period, the following cases are not covered by the warranty and are subject to maintenance charge:

- 3.1 Damaged by improper use, maintenance and custody of the user;
- 3.2 Self-repairing or non-factory maintenance site;
- 3.3 No warranty card or purchase invoice/receipt;
- 3.4 The fuselage number on the warranty card does not conform to or alter the repair product;
- 3.5 Damage to product due to force majeure;
- 3.6 Replacement parts under normal wear;
- 3.7 Loss or damage caused by abnormal factors not controlled by the company, such as temperature/humidity in the environment in which the product is used;
- 3.8 Damage caused by failure to operate as prescribed.

Customer name			
Company name			
Address			
Postcode			
Telephone		Fax	
Product type		Instrument ID	
Date of purchase		Invoice number	
Distributor			
Address			
Telephone		Fax	
Dealers seal			

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