LASER DISTANCE METER

INSTRUCTION MANUAL

NF-270

ORIGINAL
AUTHENTIC
Patented products,
Counterfeiting not allowed

VER: V1

Please read the complete instructions including safety precautions before attempting any testing.

⚠ Please read all of the operational guide and safety regulations in this manual before operation. Improper operations without complying with this manual guided could cause damage to the device, influence on measurement result or bodily injury to the user.

⚠ The instrument is not allowed to disassemble or repair on any ways. It is forbidden to do any illegal modification or performance change for laser emitter. Please keep it out of reach of children and avoid using by any irrelevant personnel.

⚠ It is strictly prohibited to shoot eyes or other parts of body with the laser; it is not allowed to take the laser to shoot any objects' surface with strong reflecting.

⚠ Due to electromagnetic radiation interference to other equipment and devices, please don't use the meter in the plane or around medical equipment, don't use it in inflammable, explosive environment.

⚠ Discarded batteries or meter device shall not process just like household garbage, please handle them in line with related law and regulations.

⚠ Any quality issues or any questions on the meter, please contact local distributors or manufacturer in time, we are ready to offer solutions for you.
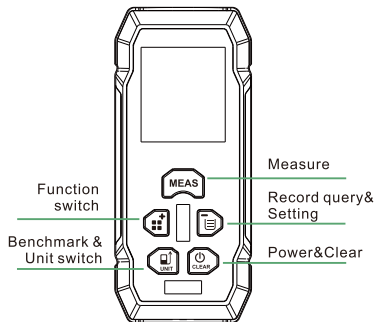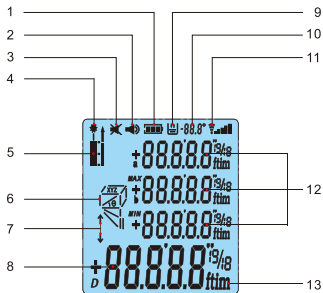
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Overview

NF-270 is used to measure distance,length, height ,width,and area ,volume.
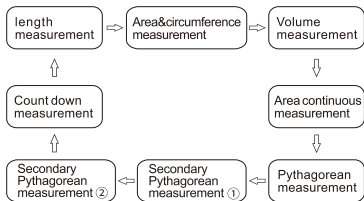It is also with the function of Pythagorean measurement,voice indicator,record query,and bidirectional blisters ect.

NF-270

Measure
Function switch
Record query& Setting
Benchmark & Unit switch
Power&Clear

1.Display instruction

1	Battery condition	7	Setting
2	Beep	8	Display
3	Buzzer	9	Data storage
4	Laser function opener	10	Data storage number
5	Benchmark point	11	Signal
6	Area/volume/ Pythagorean indicator	12	Auxiliary indicator
		13	Unit

2.Product features

```
length          →  Area&circumference  →  Volume
measurement        measurement            measurement
    ⇧                                          ⇩
Count down                              Area continuous
measurement                             measurement
    ⇧                                          ⇩
Secondary          Secondary           Pythagorean
Pythagorean    ⇦   Pythagorean      ⇦  measurement
measurement ②      measurement ①
```

3. Operation instructions

3.1. Turn on & off

Long press " ⚫ " 2s to turn on,

Long press " ⚫ " 2s to turn off.

3.2. Single measurement

Press " MEAS " turn on the laser and Press
" MEAS " again, the result will display on the screen.

3.3. Continuous measurement

Long press " MEAS " 2s to go in,the MAX &MIN
will shows,press " MEAS " or " ⚫ " to quit.
Besides,it will stop if no operation after 3mins.

3.4 Area&circumference measurement

Under area & circumference measurement,
press " MEAS " to measure the length and width
of the area,the result will display the
circumference on the third line and the area
data display on the last line.

3.5 Volume measurement

Under volume measurement,press " MEAS " to
measure the length,width,height,the result
will display on the screen.

3.6 Area continuous measurement

Under Area continuous measurement,press
" MEAS " to measure the height of the wall,press
" MEAS " to measure the width ① of the wall① ,
the result will display the area of wall ①;
Press "Meas" to measure the width ② of the
wall ② , the result will display the area of Wall
② ,and so on,the sum of the area is the height x
(width ①+width②+width③+……+width N)

①   ②   ③

3.7 Pythagorean measurement

Under Area continuous measurement,press " 🔲 " to enter first Pythagorean measurement, press " MEAS " to get ①&② values,it will work out the height "L" on the screen.
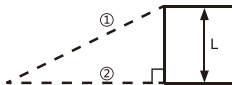
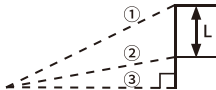### Secondary Pythagorean measurement ①

Under the first Pythagorean measurement, press " 🔲 " to enter the second Pythagorean measurement. Press " MEAS " to get ①,②&③ values,it will work out the height "L" on the screen.
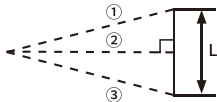
Secondary Pythagorean measurement ②

Under the second Pythagorean measurement①, Press " MEAS " to get ①,②&③ values,it will work out the height "L" on the screen.

3.8 Countdown measurement

Under the second Pythagorean measurement②, press " 🔲 " to enter count down measurement. When countdown time is up,it will work out the height "L" on the screen.'

3.9 Addition&subtraction measurement

Under the single ,area,volume measurement mode,long press " " 2s or " " to enter Addition& subtraction measurement,press " MEAS " to get a result "A",then press " "or " ",press " MEAS " again to get a another result "B",then it will automatically Calculate the value("A+B"or"A-B").

3.10 Unit switching

Long press" " 2s to switch the unit, optional from (0.000m-→0.00m-→0.00ft-→ 0'00"-→0.0in-→0in)

3.11 Benchmark switching

Press " " to go in, you can set the benchmark to measure from the front side ①, or from the end side ②.

①   ②

3.12 Record query

After measuring ,press " " to save the data. Press " " & " " to go in, and press " " or " " to query the record,press " " and " " 3s to delete all data.

3.13 Setting

Press " " and " " 3s to go in,the flashing arrow on the screen indicates that the Buzzer switch setting has been entered. By press " " and " " to adjust the off/on. Press " MEAS " to go self-help calibration setting,by press " " and " " to adjust the parameters,press " " to quit.

Buzzer
Switch

Calibration
Value
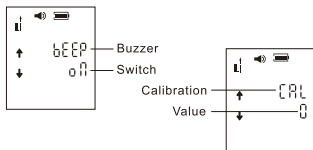
4. Technical parameters

Model number	NF-270
Measuring range	As indicated on the label
Accuracy	±1.5mm(d*0.005%)
LCD screen	2.0 inch HD screen
Wavelength &Output	620-670nm,<1mW
Laser level	Class II
Lateral bubble	√
Vertical bubble	√
Laser-off	No operation for 30 s
Auto-off	No operation for 180 s
Single measuring	√
Continuity measuring	√
Max/Min	√
Area measuring	√
Circumference measuring	√
Wall area measuring	√
Volume measuring	√
Pythagorean measuring	√
Countdown	√
Addition&subtraction measuring	√
Unit switch	M/ft/in/ft+in
Benchmark switch	Front/end benchmark

Beep	√
Data storage	99 set
Working temperature	0°C~40°C
Storage temperature	-20°C~60°C
Battery type	1.5V AAA*3pcs
Dimension	120*52*29mm

5.Packing List

1	Device	1pc
2	Giftbox	1pc
3	User manual	1pc
4	Certification	1pc
5	Lanyard	1pc

6. Error reasons and solution

Code	Reason	Solution
203	High or low temperature	Measure at the required temperature range
220	Low battery	Replace new battery
254	Wrong calculate	Measure again in correct operation
255	Weak signal	Test strong reflection ablility of target
256	Strong signal	Don't measure under strong light
257	Out of measure range	Measure within the range
300	Harware error	Restart, or contact dealer if it happens again

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编号	201	202	301	302	303	304	305	比例:	1:1	品号:	304-H2901-0001
类目	塑胶件	五金类	镜片	PVC贴纸	不干胶贴	说明书	包装盒	单位:	mm		
选择						√		设计	CZG	品名:	NF-270说明书骑马订英文-V1 20240314
306	307	308	309	310	311	312	313	核准			
彩卡	吸塑	工具包	PE袋	纸箱	宣传单	合格证	打印标签	标准:	√	文件类型:	做货文件(相较于打样文件,调整了参数表信息)
								定制:			

制作日期	2024.03.14	样式	骑马订	印刷材质		128g双铜纸
印刷要求	彩色	页码	16P	变更记录		
尺寸大小	100×55mm	版本	V1			