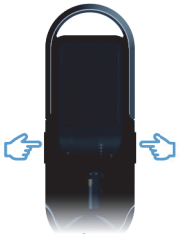
NeoRuler GO

QUICKSTART GUIDE

Model : G01 | Ver:1.0



Press Both Buttons to Turn On the Device

Basics

Pull out the key ring to use the Type-C charging port.

Power	input:5V-1A, Battery:300mAh
Materials	Aluminum Alloy, ABS/PC/TPU
Accuracy	±1/32in (± 1mm)* +(Dx0.5%) in Ideal Circumstances
Range	5 digits before the decimal point
Laser	635nm(Red Cross Laser)
Scales	93 built-in scales in 8 modes +Customized Scales

Getting started - Ruler

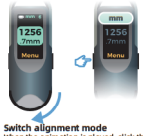
Click the main button (left), after seeing the guide animation, roll the device on a flat surface to measure. The device should be perpendicular to the measuring surface. Align the rolling direction with the horizontal laser line, keeping a straight line. Use the vertical laser line to locate the start and end points.

Click to Start Measuring, Stop Moving to End.
Or Press and Hold to Start, Release to End.

During the measurement process, try to keep the device perpendicular to the measuring surface. Tilting or changing the tilt angle may cause slight errors.

Change units

Before or after measurement (when the value is displayed in a blue box and the cross laser is off), control the wheel to switch to the unit option, and click the main button (left) to change the measurement unit.

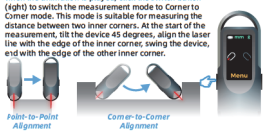


mm	inch
cm	ft in
meter	feet
km*	mile*

** Only available in scale mode and greater than 1:1000.*

Switch alignment mode

When the animation is played, click the switch button (right) to switch the measurement mode to Corner to Corner mode. This mode is suitable for measuring the distance between two inner corners. At the start of the measurement, tilt the device 45 degrees, align the laser line with the edge of the inner corner, swing the device, end with the edge of the other inner corner.



Point-to-Point Alignment

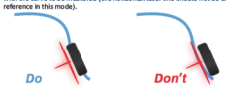
Corner-to-Corner Alignment

Switch Functions

After the measurement is completed, long press the switch button (right) to access function menu.

Measure Curves

When measuring curves and arcs, to ensure the most accurate measurement results, keep the device as perpendicular to the surface as possible. Use the vertical laser line to determine the start/end points. Align the edge of the wheel with the curve to be measured (the horizontal laser line should not be used as a reference in this mode).



Send Measurement to the MEAZOR APP

After connecting the procuct to the MEAZOR APP, click the main button to automatically send the measurement dimensions to the APP after completing the measurement. The app also allows for switching the dominant hand, adding new scales, measurement calibration, and other advanced functions. For specific functions, please download the app from your mobile application store to explore.

Tap to Send & Clear

MEAZOR APP 2.0

Free for Lifetime

Available on the App Store

ANDROID APP ON Google Play

ONLINE USER INSTRUCTIONS

Access to detailed multilingual instruction manuals, FAQ & Instruction videos in: English | Chinese | Japanese |German| Spanish | Italian |French

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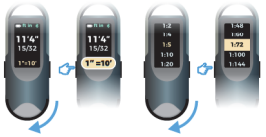
Scale Ruler

Choose from 93 standard scales. Use the wheel tomeasure on a scaled drawing. Use the laser line for auxiliary positioning.

Change Scales

After the measurement is completed, control the wheel to switch to the scale option, and click the main button (left) to enter the scale selection interface. In the scale interface, control the wheel to select the scale, and click the main button (left) to confirm the scale.



According to industry standards, we divide the 93 scales into 8 modes. You can switch between these scale modes in the settings interface.

Switch Scale Mode

After entering the settings interface, control the wheelto switch to scale selection.Click the main button (left) to enter, and control the wheelto select the scale mode. You can switch between the 8 scale modes, and see the specific scales in the table: Confirm the scale.

41 Built-in Metric Scales				52 Built-in US Standard Scales			
MT-Arch	MT-ENG I	MT-ENG II	MT-MAP	US-Arch	US-ENG I	US-ENG II	US-MAP
1/1				1' = 1'			
1/2	1/125	1/1000	1/100k	6" = 1'	1" = 10'	1" = 300'	1" = 1 Mi
1/3	1/150	1/1250	1/125k	4" = 1'	1" = 20'	1" = 333'	1" = 1.5 Mi
1/4	1/200	1/1500	1/200k	3" = 1'	1" = 30'	1" = 416.6'	1" = 2 Mi
1/5	1/250	1/1625	1/250k	2" = 1'	1" = 40'	1" = 500'	1" = 3 Mi
1/10	1/300	1/2000	1/500k	1 1/2" = 1'	1" = 50'	1" = 583.3'	1" = 4 Mi
1/20	1/400	1/2500	1/1000k	1" = 1'	1" = 60'	1" = 600'	1" = 5 Mi
1/25	1/500	1/5000	1/2000k	3/4" = 1'	1" = 70'	1" = 625'	1" = 6 Mi
1/30		1/6000	1/2500k	1/2" = 1'	1" = 80'	1" = 666'	1" = 10 Mi
1/40		1/10k		3/8" = 1'	1" = 83.3'	1" = 750'	1" = 20 Mi
1/50		1/12.5k		1/4" = 1'	1" = 90'	1" = 1000'	1" = 24 Mi
1/72		1/20k		3/16" = 1'	1" = 100'	1" = 1200'	1" = 25 Mi
1/75		1/25k		1/8" = 1'	1" = 166.6'	1" = 2000'	
1/100		1/50k		3/32" = 1'	1" = 200'	1" = 3000'	
				1/16" = 1'	1" = 250'		

Customized Scale Ruler

For Drawings with Non-Standard Scales， Use this feature when drawings are off-scale or in non-standard scales. The device will calculate the measuring scales based on inputted lengths.

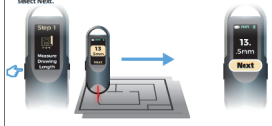
$$Scale = d \div D$$

How to Setup?

After the measurement is completed in custom scale mode, control the wheel to switch to the scale option, click the main button (left) to enter the custom scale setting. In this interface, follow the guide to first measure the drawing, and then measure the actual object to complete the custom scale setting.

Step 1: Measure Drawing Length

Measure the length on the drawing using the rolling ruler then select Next.



Step 2: Measure Actual Length

Measure the actual length of the object corresponding to the drawing using the rolling ruler then select Done.

Setting

In the settings interface, use the wheel to operate the menu options. Use the main button (left) to confirm the options.

Screen Direction
You can set the screen display to horizontal/vertical according to personal habits.

Handedness
You can change the dominant hand to left hand according to personal habits. In left-hand mode, the direction of the main button (left) and switch button (right) is reversed.

Scale mode
Choose one of the 8 industry-standard scale modes to use. See the table on the left for details.

Product Information
Learn about the product firmware version number, or restore factory settings.

Set using the MEAZOR APP

After connecting the device in the MEAZOR APP, there are more setting functions available in the "Control Panel", such as saving custom scales, setting sleep time, and device calibration.

Calibration

The product is precisely calibrated before shipping. If re-calibration is required after a period of normal wear, please download the MEAZOR APP and connect the device, and follow these steps to re-calibrate.

Preparation: Standard ruler (greater than 30cm/12in)
Recommended to use a 24inch/60cm steel ruler. Not recommended to use a tape measure for calibration.

Step 1: Restore factory settings
Enter the settings interface - product information, select Reset to restore factory settings.

Step 2: Enter the control panel of the MEAZOR APP
After connecting the device with the APP, enter the device control panel, and click "Advanced Settings" at the bottom. Click to start calibration.

Step 3: Use the device to measure the length of the ruler
Use the device to measure the length of the ruler (it is recommended to measure 3-4 times and take the median value) and enter it, then click next.

Step 4: Enter the actual length of the ruler
Enter the actual length of the ruler, and click next, then confirm. Calibration is complete.

Warranty

Warranty period
HOZO Design. CO. - One-year Limited Consumer Warranty covers your product against manufacturing defects for one year from the date you bought your product.

How to send it for repair
If the product needs to be repaired, please contact the distributor and send the product accordingly, and provide a valid batch number with proof of purchase.

Support Email: customersupport@hozodesign.com
Online Form: hozodesign.com/pages/support-center

Special cases
The following cases are not covered by the warranty policy during the warranty period and will be repaired at extra cost.
1) Damage caused by improper use, maintenance, or storage by the user.
2) Dismantling of parts under unauthorizedcircumstances.
3) No proof of purchase.
4) The serial number does not correspond to the product sent for repair or has been altered
5) Damage to the body caused by force majeure
6) Normal wear and tear of the parts, which need to be replaced
7) Damage caused by abnormalities in the temperature/humidity of use or storage
8) Damage to the battery caused by not charging in accordance with the instructions
9) Any damage caused by not following theinstructions.

FCC warning：

1. This device should be installed and operated with minimum distance 0cm between the radiator&your body.

2. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation.

3. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

4. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.

—Increase the separation between the equipment and receiver.

—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

—Consult the dealer or an experienced radio/TV technician for help.