

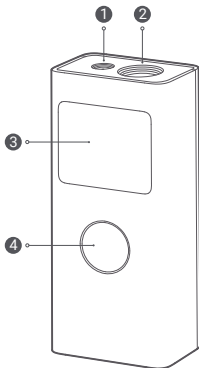
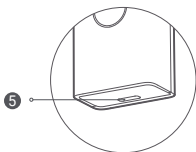
Xiaomi Smart Laser Measure User Manual



Read this manual carefully before use, and retain it for future reference.

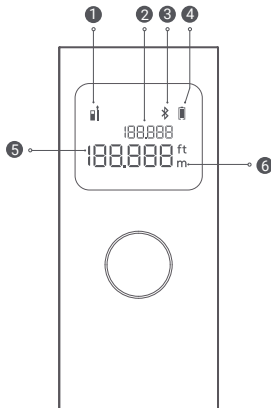
Product Overview

Thank you for using Xiaomi Smart Laser Measure.



- ① Laser Emitting Lens
- ② Laser Reception Lens
- ③ Display
- ④ Power/Measure Button
- ⑤ Type-C Charging Port

Display



- ① Measuring Mode/Laser Emitting Notification
- ② Previous Measuring Value
- ③ Bluetooth Connection Status
- ④ Battery Level
- ⑤ Current Measuring Value
- ⑥ Measurement Unit

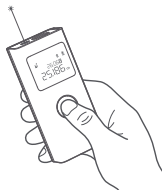
How to Use

Turning on/off

Turning on: When the laser measure is off, press and hold the power/measure button for at least 2 seconds to turn it on. The display will light up, which indicates the laser measure is ready to take a measurement.

Turning off: When the laser measure is on, press and hold the power/measure button for 3 seconds to turn it off.

If no operation is made to the laser measure within 180 seconds, it will automatically turn off.



Measuring

1. Once the laser measure is turned on, press the power/measure button to continuously emit laser light for constant measurements. The display will show the measuring values in real-time.
2. Press the power/measure button again to stop emitting laser light and the display will show the final measuring value. Once the laser measure is connected to the app, this measuring value will be synchronized to the measurement list in the app.
3. The laser measure is generally used indoors. It is not suitable for outdoor use because the sunlight interferes greatly with the laser light, and the measurement accuracy will decrease significantly if you cannot see the red dot of the laser light clearly.
4. This laser measure has two measuring modes based on different original points of the measurement. When using the front-based mode, the measurement range doesn't include the length of this laser measure. When using the rear-based mode, the length of the laser measure, which is 80 mm, will be included in the measurement range.

Switching mode

The default mode for this laser measure is the rear-based mode "R", which means the original point of the measurement is the rear end of the laser measure.

To switch to the front-based mode "F", double press the power/measure button.

Each time the laser measure is turned on, it will be reset to the rear-based mode "R".

Connecting with the Mi Home/Xiaomi Home app

This product works with Mi Home/Xiaomi Home app*. Control your device with Mi Home/Xiaomi Home app.

Scan the QR code to download and install the app. You will be directed to the connection setup page if the app is installed already. Or search for "Mi Home/Xiaomi Home" in the app store to download and install it.



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Open the Mi Home/Xiaomi Home app, tap the icon "+" in the upper right, and then follow the instructions to add your device.

* The app is referred to as Xiaomi Home app in Europe (except for Russia). The name of the app displayed on your device should be taken as the default.

Note:

The version of the app might have been updated, please follow the instructions based on the current app version.

The Mi Home/Xiaomi Home app that the laser measure is connected to requires version 6.9.200 or later. Please update it if necessary.

This laser measure comes with the Bluetooth function. When the laser measure is turned on, the Bluetooth will be automatically enabled, and the " ⌘ icon blinks.

Once connected, the " ⌘ icon will remain lit. The Bluetooth will be automatically disabled if it is not connected for 180 seconds.

Switching unit

The measurement units of this laser measure are meter (m) and foot (ft) with meter as the default unit.

To switch the unit to foot, go to the product settings in the app. When switching the unit, make sure the laser measure is on and the Bluetooth is connected to the app.

Charging

A type-C charging cable is provided.

If the laser measure hasn't been used for an extended period, fully charge it before use.

The laser measure cannot be used for measurement during charging.

Resetting

When the laser measure is on/off, press and hold the power/measure button for 7 seconds. The display will blink twice and the laser measure will be restored to the factory settings.

Warnings

Warnings!

Read the safety and operating instructions carefully before using the laser measure for the first time.

- Read the safety and operating instructions carefully before use. Failure to use the laser measure in accordance with the instructions indicated by this user manual will lead to damage to the laser measure, decreased measurement accuracy, or injuries to users or other people.
- Do not use any methods to disassemble or repair the laser measure on your own. Never illegally modify or change the laser emitting performance of the laser measure. Properly store the laser measure and keep it out of reach of children and unrelated people.
- Do not point the laser light at your eyes and other body parts or those of other people. Never aim the laser light at the surfaces of highly reflective objects.
- Do not use the laser measure near aircraft or medical equipment, or use it in a flammable or explosive environment, because the electromagnetic radiation of this laser measure may interfere with other devices.
- Do not dispose of used batteries and unusable laser measures with household waste. Dispose of them per national or local laws and regulations.

LASER RADIATION
DO NOT STARE INTO BEAM
CLASS 2 LASER PRODUCT
Maximum output of laser radiation < 1 mW
wavelength 630–680 nm
IEC 60825-1:2014; EN 60825-1:2014



Care & Maintenance

- Do not store or use the laser measure for a long time in places where the temperature or humidity is high. When planning not to use the laser measure for a long time, store it in environments with normal ambient temperatures and humidity, and charge the laser measure every 6 months.
- Keep the surface of the laser measure clean. Dust can be wiped away from the surface with a soft, damp cloth, and do not use corrosive liquids to clean the laser measure. You can wipe the laser emitting lens and the laser reception lens clean in the same way as you wipe the optical devices.



All products bearing this symbol are waste electrical and electronic equipment (WEEE as in directive 2012/19/EU) which should not be mixed with

unsorted

household waste. Instead, you should protect human health and the environment by handing over your waste equipment to a designated collection point for the recycling of waste electrical and electronic equipment, appointed by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences to the environment and human health. Please contact the installer or local authorities for more information about the location



We Shanghai HOTO Technology Co., Ltd., hereby, declares that this equipment is in compliance with the applicable Directives and European Norms, and amendments. The full text of the EU declaration of conformity is available at the following internet address:

<http://www.mi.com/global/service/support/declaration.html>

Federal Communications Commission Supplier's Declaration of Conformity

This supplier's declaration of conformity is hereby for

Product: Xiaomi Smart Laser Measure

Model Number(s): MJJGCJYD001QW

Brand/Trade: Xiaomi

We declare that the above mentioned device has been tested and found in compliance with CFR 47 Part 15 Regulation.

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.

Note: 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.

Responsible Party – U.S. Contact Information

Company: TEKMOVIL LLC

Address: 601 BRICKELL KEY DR #723 Miami, FL 33131

Country: U.S.A.

Telephone No.: +1(312)282-5246

Internet contact information: kim.peterson@tekmovil.com

Representative of Responsible Party for SDoC
Company: Shanghai HOTO Technology Co., Ltd.
Address: Building 45, No.50 Moganshan Road, Shanghai, China
Country: China
Telephone No.: 400-021-8696

FCC Warning:

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

This equipment complies with RF radiation exposure limits set forth for an uncontrolled environment.

IC Warning:

English:

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

French:

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Troubleshooting

Refer to the following table for general errors you may encounter during use and methods to solve them.

Error	Cause	Solution
The battery level icon blinks. 	The battery level is low.	Charge the laser measure.
Couldn't measure and the display shows "-.-".	The laser reflective signal is too weak (such as when measuring black surfaces).	Measure a target with high reflectivity or use the laser measure with a reflective board.
	The laser reflective signal is too strong (such as when measuring highly reflective surfaces).	Measure a target with low reflectivity or use the laser measure with a reflective board.
	Out of measurement range	Use the laser measure within the measurement range.
	Move the laser measure too quickly when measuring.	Slowly move the laser measure or keep it stable.
Err01	Couldn't emit the laser light due to the low battery level	Charge the laser measure.
Err02	Out of the operating temperature range	Use the laser measure within the specified temperature range.

Specifications

Model: MJJGCJYD001QW	Charging Input: 5 V = 1 A
Measurement Range: 0.05*–40 m	Operating Power: 0.7 W (Max.)
Measurement Accuracy: $\pm (3 \text{ mm} + 5 \times 10^{-5} \text{ D}^*)$	Charging Time: Approx. 100 min
Minimum Displaying Unit: 0.001 m	Automatic Turn-off Time: 180 s
Measurement Unit: m/ft	Automatic Laser Off Time: 180 s
Laser Type: 630–680 nm wavelength	Operating Temperature: -10°C to 50°C
Lithium-ion Battery: 3.7 V = 370 mAh	Storage Temperature: -20°C to 60°C
Display Screen: 1.23-inch LCD screen	Storage Humidity: 20%–80% RH
Bluetooth Transmission Distance:	Item Dimensions: 80 × 35 × 21 mm
Approx. 8 m (without obstacles)	Net Weight: Approx. 60 g
Frequency Range: 2400–2483.5 MHz	Bluetooth Power: 8 dBm

*To measure the minimum value of the measurement range, use the front-based mode.

* "D" refers to the actual distance in an indoor environment with standard reflective surfaces.

The measuring values may be inaccurate if the laser measure is used in the following conditions: extremely strong sunlight, erratic fluctuation of ambient temperature, weak reflection effect of the target surface, and low battery level. In this case, you can use the laser measure with a reflective board for a more accurate result. Besides, the following situations may also affect the measurement accuracy: object lenses or the laser tube are blocked; the measurement target is not clear, such as when measuring water surface, glass, or mirror; the laser light jitters during measurement and so on.

FCC ID: 2AZB9-MJJGCJYD001QW

Manufactured for: Xiaomi Communications Co., Ltd.

Manufactured by: Shanghai HOTO Technology Co., Ltd.

(a Mi Ecosystem company)

Address: Building 45, No.50 Moganshan Road, Shanghai, China

For further information, please go to www.mi.com

User Manual Version: V1.0

Importer:

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