

meross

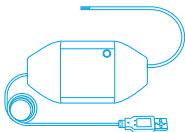
MSG150

User Manual

■ Safety Information

1. Keep the device away from water, fire, humidity or hot environments.
2. Make sure the device is fully plugged in and kept out of reach of children for safety concern.
3. Do not attempt to disassemble, repair, or modify the device.
4. For indoor use only.
5. When you leave the product unused for a long time unplug the product from the power outlet.
6. Please contact seller for replacement if there is any damage caused by transportation.
7. Radio-frequency / Max transmission power: 2400-2483.5MHz, 20dBm.

■ Package Contents



1 x Smart Garage
Door Opener



3 x
Cable Tie



3 x Wire
Connectors Nut



1 x USB Adapter



4 x Screws

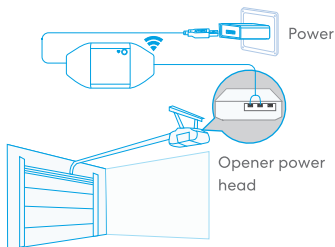


1 x Double-sided
Adhesive Tapes

* If you find any part is missing in the package, please contact https://meross.com/support/Email_Support, we will provide proper solution for you.

■ Installation Guide

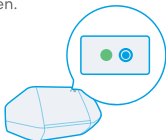
1. The Meross MSG150 is a next-generation smart Wi-Fi garage door opener designed as a companion device for your existing garage door system. It offers enhanced compatibility with a wide range of openers that use the Security+ 1.0 and Security+ 2.0 protocols—commonly identified by yellow, purple, red, or orange Learn buttons on the opener unit. By communicating directly with these protocols, the MSG150 eliminates the need for a wired or wireless magnetic door sensor, providing seamless control and real-time door status detection. It supports multi-mode compatibility and delivers more accurate open/close state monitoring as well as obstruction alerts through control signal feedback. Its main working principle is as follows:



2. Download the Meross app and choose Smart Garage Door Opener to get start.

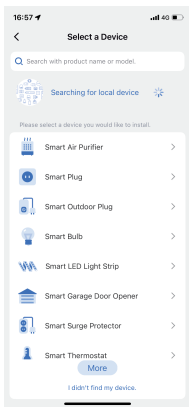
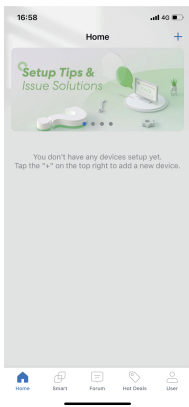


3. Power on the device. Wait about 5 seconds until the status LED blinks amber and green.



4. Set up the device.

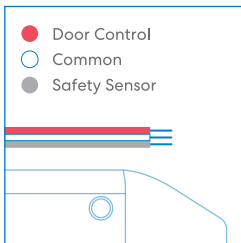
- (1) Connect your smartphone or tablet to a 2.4 GHz Wi-Fi network.
- (2) Make sure your smart device is covered by strong Wi-Fi signal.
- (3) Launch the Meross app and log in to your account, or if you are a new user, tap Sign up to create a new account.
- (4) Tap the “+” icon to select the type of smart device you want to add, then you can just follow the setup wizard to finish configuration.



Note:

1. If this is not the first time you've added this smart device, you'll have to reset it before going any further.
2. Find more at <https://www.meross.com/support>.

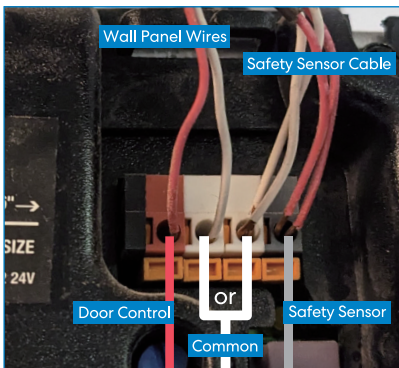
■ Wiring Guide



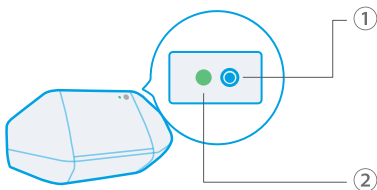
- Door Control
- Common
- Safety Sensor

- Red → Open/Close signal
- White → Common
- Grey → Safety Sensor input

* Most openers follow the standard terminal layout shown in the diagram. Only a few early models may have slight differences. Please refer to the wire labels and the diagram for proper installation.



■ LED and Button Rules



① Reset button

Hold for 5 seconds:

Resets the device and enters Wi-Fi configuration mode.

Press once ((when Wi-Fi is not configured)):

Opens or closes the garage door manually.

Press 3 times quickly:

Cycles through compatibility modes: Security+ 2.0 (Default mode)
→ Security+ 1.0 → Dry Contact → Security+ 2.0

② Status LED

Flash Red 1 time: Security+ 1.0 Mode

Flash Red 2 times: Security+ 2.0 Mode

Flash Red 3 times: Dry Contact Mode

Flashing amber and green slowly: Configuration mode.

Flashing green rapidly: Wi-Fi connecting mode.

Solid green: Successfully connected.

Solid red: No internet connection.

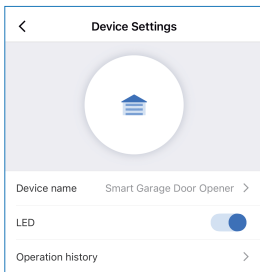
Flashing green 3 times:

Sensors connected or disconnected (Door close or open detected).

Off: Device is powered off or the LED is disabled.

■ How to Use

1. General settings



Device name:

Change device name.

LED:

Turn on/off LED.

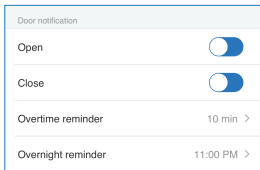
Operation history:

Check operation history.

User manual:

Check user manual.

2. Door notification



Open:

Send me a notification each time my garage door opens.

Close:

Send me a notification each time my garage door closes.

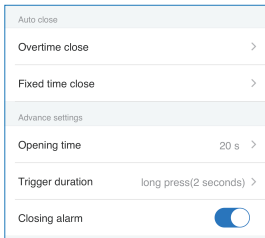
Overtime reminder:

Send me a notification when my garage door opens for 10-60 mins.

Overnight reminder:

Send me a notification when my garage door is still open after particular time.

3. Advance settings



Auto close

Overtime close >

Fixed time close >

Advance settings

Opening time 20 s >

Trigger duration long press(2 seconds) >

Closing alarm 

Overtime close:

Close the door automatically when the door opens for a period of time.

Fixed time close:

Close the door automatically when the door is still open after particular time.

Opening time:

Choose the proper time duration for your garage door opener. App use it as a timeout parameter to confirm the status of your garage.

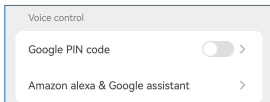
Trigger duration:

Choose the proper trigger duration if you find your meross app can't fully close or open your garage door. The trigger duration is the same time as you press the garage wall button.

Closing alarm:

Sound alarm when door is closing.

4. Voice control



Voice control

Google PIN code  >

Amazon alexa & Google assistant >

Google PIN code: Optional password for voice control via Google Assistant. Leave blank if not using Google Assistant.

Amazon Alexa & Google Assistant: Check Amazon Alexa & Google Assistant user manual.

Amazon Alexa



Choose the "meross" skill, the commands are as follows:

- "Hi Alexa, open/close my garage."*
- "Hi Alexa, lock/unlock my garage."*
- "Hi Alexa, is my garage locked/closed?"*

Note: Please replace "garage" to the garage door name you set.

Amazon Alexa support Security Code, you can enable it via Amazon Alexa app.

Google Assistant



Choose the "meross" action, the commands are as follows:

- "Hey Google, open/close garage door."*
- "Can I have your security code?"*
- "Hey google, is garage door opened/closed?"*

Note:

1. Please replace 'garage door ' to the garage door name you set.
2. PIN code is required to set by google for security concern.

FAQ

At Meross, we strive to assure your satisfaction. Attached below is a non-exhaustive list of questions that users are mostly concerned about.

1. What's the difference between MSG100 and MSG150?

MSG150 is designed for openers with yellow, purple, red, or orange Learn buttons, using Security+ 1.0 or 2.0 protocols. It works without a magnetic sensor, supports multi-mode compatibility.

MSG100, on the other hand, is better for traditional dry contact openers. It requires a wired magnetic sensor to detect door status. See the comparison chart below for details.

Feature	MSG100	MSG150
Protocol Support	Dry Contact	Security+1.0 / 2.0
Sensor Required	✔ Yes	✘ No
Obstruction Status	✘ Not Available	✔ Displayed & Logged
Learn Button Recognition	⚠ Limited(Requires Accessory)	✔ Full Support

2. Do I need to install a wired sensor?

If you're using MSG150 with a compatible opener (Security+ 1.0/2.0, usually with a yellow, purple, red, or orange Learn button), no wired sensor is needed. MSG150 can directly read the door status via protocol communication.

If you're using MSG100 or your opener only supports dry contact control, a wired magnetic sensor is required to detect whether the door is open or closed.

If you purchased MSG150 but later discovered your opener does not use Security+ 1.0/2.0, don't worry — you can still use it. Simply purchase a wired sensor (same type used with MSG100) and connect it to the MSG150. During setup, either:

- Select your brand/model manually in the Meross app, or
- Manually switch to Dry Contact mode by pressing the device button three times quickly. The LED will flash red 3 times, indicating Dry Contact mode is active.

■ Warranty

Meross products are covered by a 12-month limited warranty from the date of purchase. Please visit

<https://www.meross.com/support/warranty> for detailed warranty policy and product registration.

■ **Disclaimer**

1. The function of this smart device is tested under a typical circumstance described in our specifications. Meross does NOT guarantee that the smart device shall perform exactly the same as described under all circumstances.
2. By using third-party services including but not limited to Amazon Alexa, Google Assistant, Apple HomeKit and SmartThings, customers acknowledge that Meross shall not be held liable in any way for the data and private information collected by such parties. Meross's total liability is limited to what is expressly covered in its Privacy Policy.
3. Damages arising from ignorance of the SAFETY INFORMATION shall not be covered by Meross aftersales service, nor does Meross take any legal responsibility therefrom. Customers acknowledge understanding of these articles clearly by reading this manual.

■ **FCC Compliance Information Statement**

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

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

■ **Canadian Compliance Statement**

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- (1) This device may not cause interference.
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L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique 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;

2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

Le dispositif rencontre l'exemption des limites courantes d'évaluation dans la section 2.5 de RSS 102 et la conformité à l'exposition de RSS-102 rf, utilisateurs peut obtenir l'information canadienne sur l'exposition et la conformité de rf.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body. Cet émetteur ne doit pas être Co-placé ou ne fonctionnant en même temps qu'aucune autre antenne ou émetteur. Cet équipement devrait être installé et actionné avec une distance minimum de 20 centimètres entre le radiateur et votre corps.

SIMPLE DEVICE SIMPLIFY YOUR LIFE

Email: support@meross.com

Website: www.meross.com

Manufacturer: Chengdu Meross Technology Co., Ltd.
Address: Floor 3, Building A5, Shijicheng Road No 1129,
Gaoxin, Free Trade Zone, Chengdu, Sichuan, China.



MADE IN CHINA
INDOOR USE ONLY





3. Advance settings

Auto close

Overtime close

Fixed time close

Advance settings

Opening time

Trigger duration

Closing alarm

Overtime close:
Close the door automatically when the door opens for a period of time.

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Voice control

Google PIN code

Amazon alexa & Google assistant

Google PIN code: Optional password for voice control via Google Assistant. Leave blank if not using Google Assistant.

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- For indoor use only.
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Package Contents

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3 x Wire Connectors Nut

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1 x Double-sided Adhesive Tapes

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Power

Opener power head

Download on the App Store

GET IT ON Google Play

amazon

2. Download the Meross app and choose Smart Garage Door Opener to get start.

3. Power on the device. Wait about 5 seconds until the status LED blinks amber and green.

4. Set up the device.

(1) Connect your smartphone or tablet to a 2.4 GHz Wi-Fi network.
(2) Make sure your smart device is covered by strong Wi-Fi signal.
(3) Launch the Meross app and log in to your account, or if you are a new user, tap Sign up to create a new account.
(4) Tap the "+" icon to select the type of smart device you want to add, then you can just follow the setup wizard to finish configuration.

Note:
1. If this is not the first time you've added this smart device, you'll have to reset it before going any further.
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Wiring Guide

Door Control

Common

Safety Sensor

Red → Open/Close signal

White → Common

Grey → Safety Sensor input

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LED and Button Rules

① Reset button

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Resets the device and enters Wi-Fi configuration mode.

Press once (when Wi-Fi is not configured):

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Flash Red 3 times: Dry Contact Mode

Flashing green rapidly: Wi-Fi connecting mode.

Flashing amber and green slowly: Configuration mode.

Solid green: Successfully connected.

Solid red: No internet connection.

Flashing green 3 times:

Sensors connected or disconnected (Door close or open detected).

Off: Device is powered off or the LED is disabled.

How to Use

1. General settings

Device name: Change device name.

LED: Turn on/off LED.

Operation history: Check operation history.

User manual: Check user manual.

2. Door notification

Open: Send me a notification each time my garage door opens.

Close: Send me a notification each time my garage door closes.

Overtime reminder: Send me a notification when my garage door opens for 10-60 mins.

Overnight reminder: Send me a notification when my garage door is still open after particular time.

MSG150(US)

*本页校对专用, 不做印刷

meross

成都觅瑞科技有限公司

型号	品名	料号
MSG150(US)	QIG	6102000670-260310

版本更新记录:

日期	内容	设计师
20260310	首稿	李艾阳

校对: 刘微

批准: 田伟

日期: 20260310

印刷说明:

1. 单页尺寸: 75*110mm

2. 双面印刷+4色印刷+105g哑粉

3. 折页

LOGO

折页图示

A面

第1页 第2页 第3页 第4页 第5页 第6页 第7页 第8页

B面

封底

第9页 第10页 第11页 第12页 第13页 第14页

LOGO

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2. By using third-party services including but not limited to Amazon Alexa, Google Assistant, Apple HomeKit and SmartThings, customers acknowledge that Meross shall not be held liable in any way for the data and private information collected by such parties. Meross's total liability is limited to what is expressly covered in its Privacy Policy.

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