meross

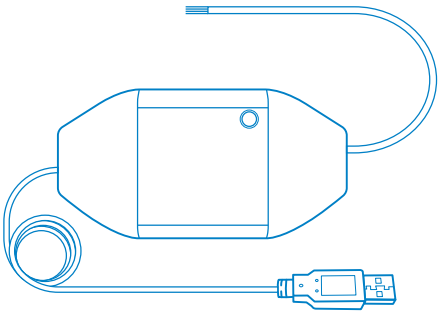
MSG150

User Manual

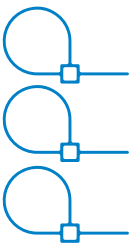
Safety Information

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.

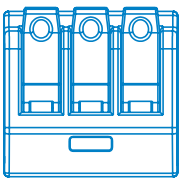
Package Contents



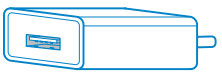
1 x Smart Garage Door Opener



3 x Cable Tie



3 x Wire Connectors Nut



1 x USB Adapter



4 x Screws

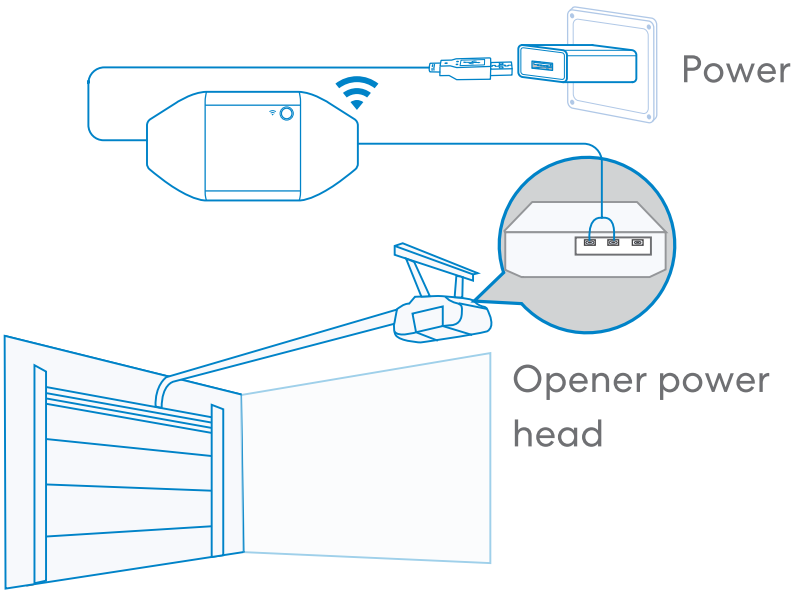


1 x Double-sided Adhesive Tapes

* 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:

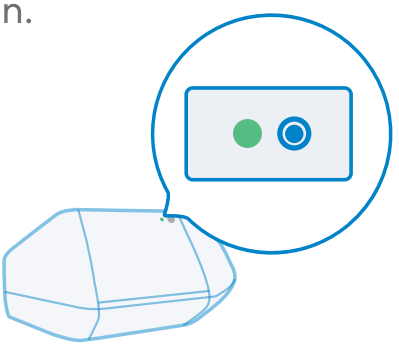


2. Download the Meross app and choose Smart Garage Door Opener to get start.

Download on the App Store

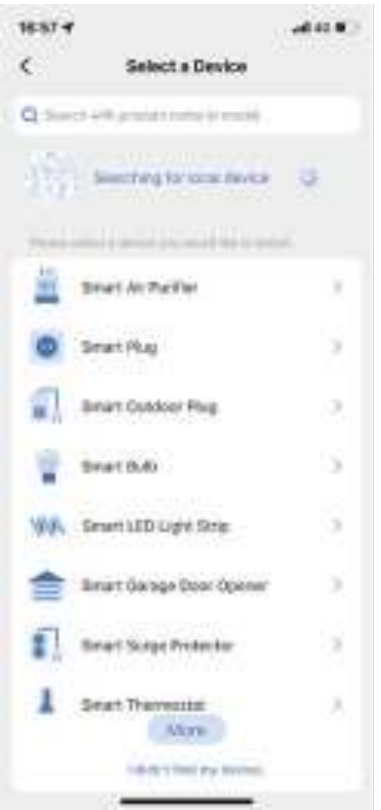
GET IT ON Google Play

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) The smart device supports iOS 13/ iPadOS 13 and later. It is recommended that you upgrade your iOS or iPadOS to the latest version before pairing with the smart device.
(4) 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.
(5) 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. As long as you finish configuration, you'll be able to manage the device in Apple Home app.
3. Find more at https://www.meross.com/support.

Attention

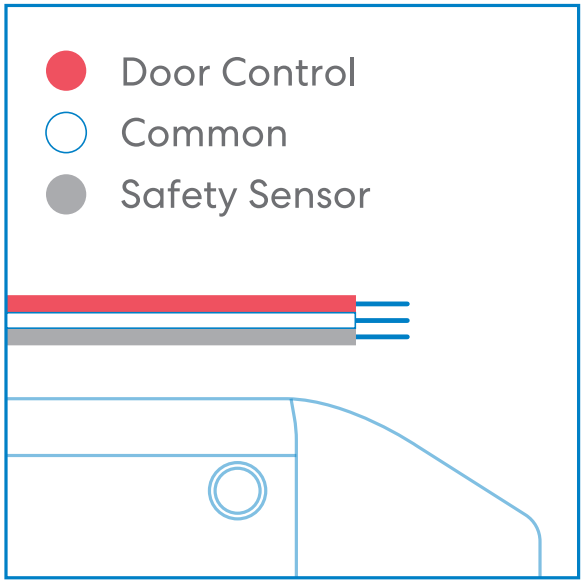
We strongly recommend using the Meross app for network setup and configuration. The setup process involves selecting the Learn button color, detecting door status, configuring the safety sensor, and accessing advanced device settings.

Once setup is completed in the Meross app, iOS users will be automatically integrated into Apple Home, allowing synchronized control.

If you prefer to set up the device directly in Apple Home, you can switch the communication protocol by quickly pressing the power button 3 times. This helps ensure compatibility with your garage door opener.

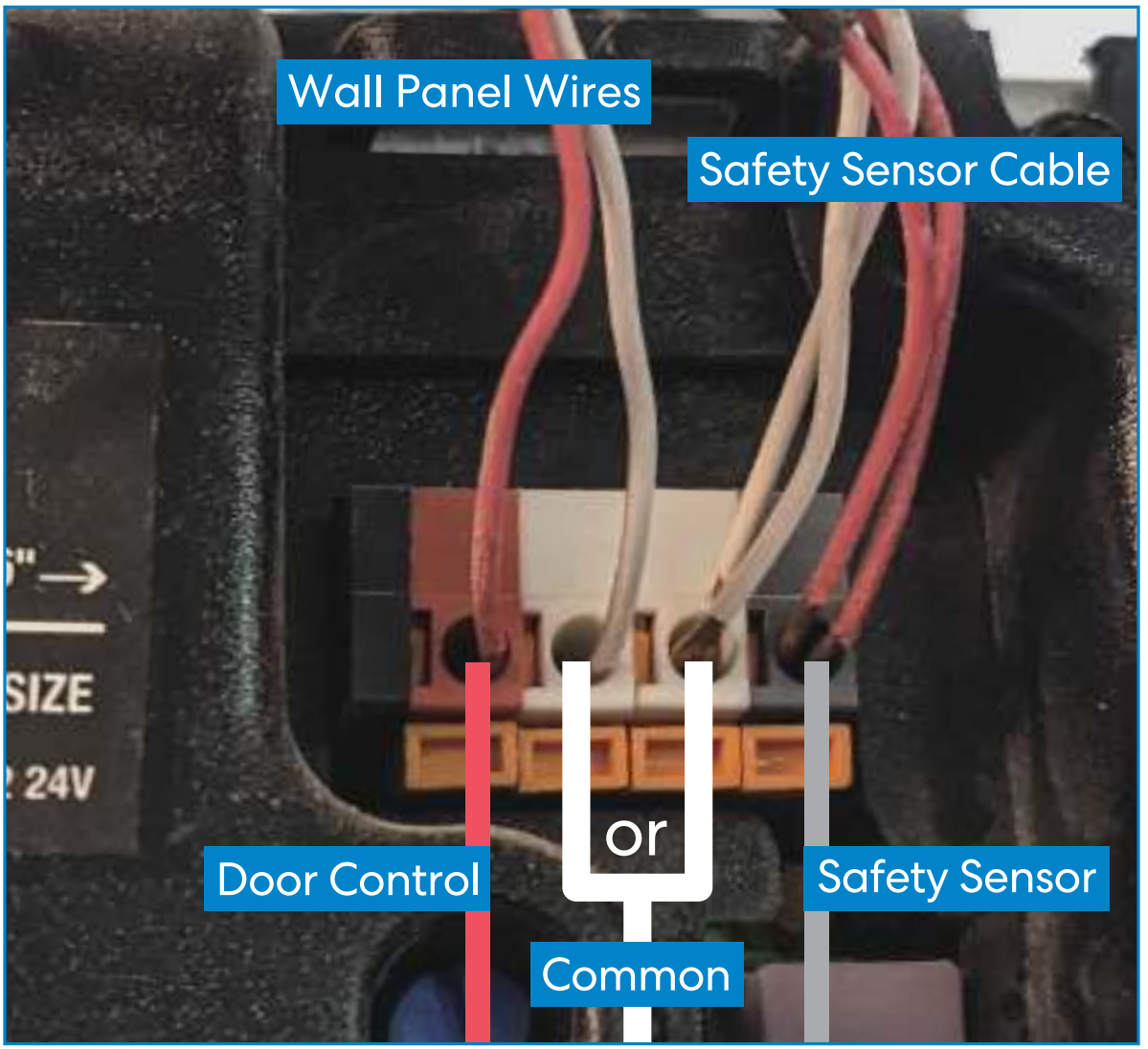
For detailed button operations and LED behaviors, please refer to the “LED and Button Rules” section.

Wiring Guide

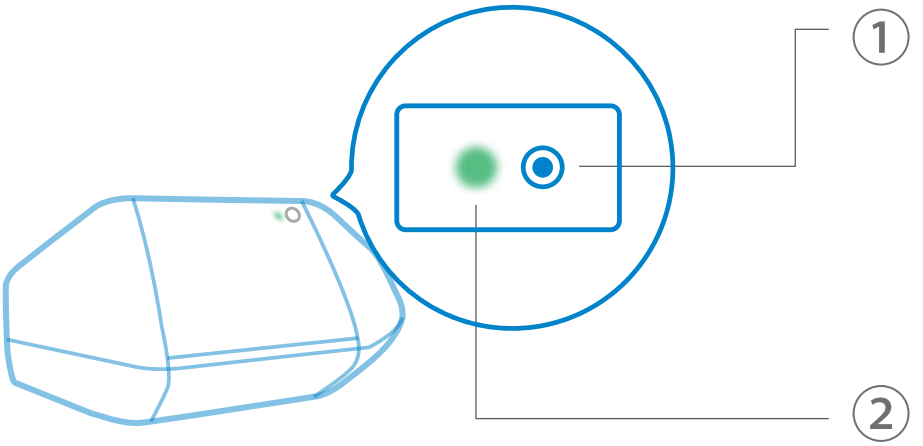


- Red → Open/Close signal
- White → Common
- Grey → Safety Sensor input

* 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.

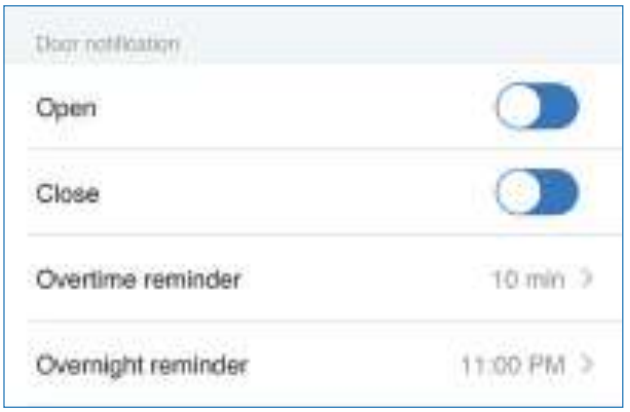
How to Use

1. General settings



Device name:
Change device name.
LED:
Turn on/off LED.
Operation history:
Check operation history.
User manual:
Check user manual.

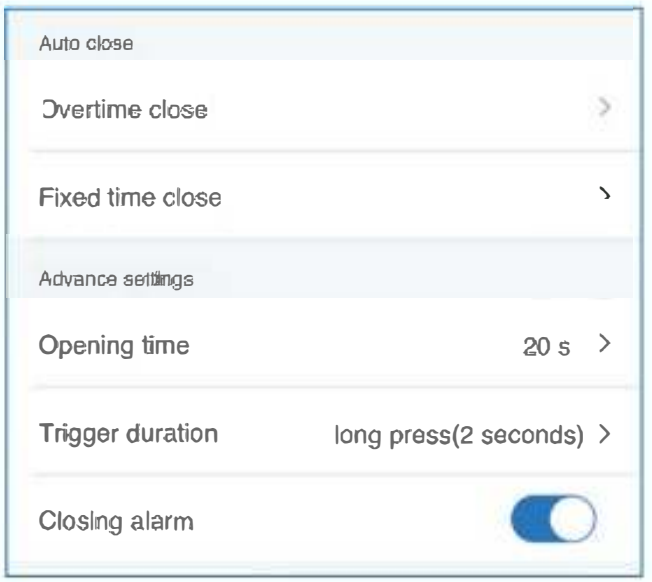
2. Door notification



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



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



Google PIN code: Optional password for voice control via Google Assistant. Leave blank if not using Google Assistant.
Alexa & Google Assistant: Check Alexa & Google Assistant user manual.

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 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.

HomeKit Siri

The Siri commands are as follows:

-*"Hey Siri, open the garage door."*

-*"Hey Siri, close the garage door."*

-*"Hey Siri, is my garage door closed?'*

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

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.

3. My Home app can't add the device by scanning the QR code.

You can tap "Don't Have a Code or Can't Scan" and input the code manually.

4. I can't pair my device with Apple Home. What should I do?

Please follow these steps to ensure successful pairing:
(1) Use 2.4GHz Wi-Fi: Make sure your iOS device is connected to the 2.4GHz band of your home Wi-Fi network.
(2) Enable Auto-Join: If your home has multiple Wi-Fi networks, go to iOS Wi-Fi Settings and make sure the one you're using has Auto-Join enabled.
(3) Use the latest iOS version: Please update to the latest version of iOS for better compatibility.
(4) Restart and Reset: Before each setup attempt, restart your iPhone and press and hold the MSG150 button for 5 seconds to reset the device. This helps clear any connection issues caused by system cache.

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 limitted 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

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:
(1) This device may not cause interference.
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

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 courantesd'évaluation dans la section 2.5 de RSS 102 etla conformité à l'exposition de RSS-102 rf, utilisateurs peut obtenir l'information canadienne surl'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 ouémetteur. Cet équipement devrait être installé et actionné avec une distance minimum de 20 centimètres entre le radiateur et votre corps.

P/N: 6102000646-250805

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 Trial Zone, Chengdu, Sichuan, China.

MADE IN CHINA
INDOOR USE ONLY

Intertek
5015956