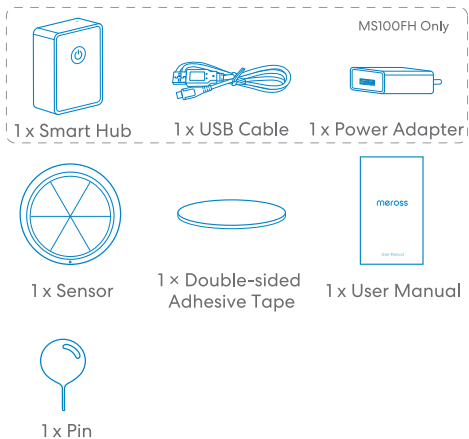meross

User Manual

■ Safety Information

1. Do not attempt to disassemble, repair, or modify the device.
2. Please contact seller for replacement if there is any damage caused by transportation.

■ Package Contents

MS100FH Only

1 x Smart Hub

1 x USB Cable

1 x Power Adapter

1 x Sensor

1 × Double-sided Adhesive Tape

meross

1 x User Manual

1 x Pin

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

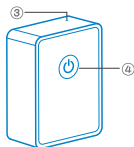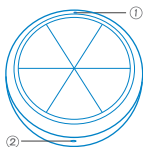# ■ Installation Guide

1. Download the Meross app.

2. Set up the device.

(1) Connect your smartphone or tablet to a 2.4 GHz Wi-Fi network.

(2) Make sure your smart hub is covered by strong Wi-Fi signal.

(3) The smart hub 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 hub.

(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.

(6) Relocation of the smart hub does not require additional operations provided that it remains on the same network with strong Wi-Fi signal.

NOTE:
1. If this is not the first time you've added this smart hub, 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. If the QR code does not work, please try to add the smart device in Apple Home app.
4. Find more at *https://www.meross.com/support.*

■ LED and Button Rules

① LED and Button Rules

Flash green rapidly: Pairing mode.
Solid green: Successfully connected. LED will be OFF automatically in 5 seconds.

② Sensor Button

Enter pairing mode: Insert a pin into the hole, press the button once, and the LED will flash.
Restore factory settings: Insert a pin into the hole, press and hold the button for 5 seconds.

③ Hub Status LED

Solid amber: Initiating/Reset/Firmware upgrading.
Flashing amber and green: Configuration mode.
Flashing green: Pairing mode/Connecting to Wi-Fi/Disconnected from Wi-Fi.
Solid green: Connected to Wi-Fi with an internet connection.
Solid red: No internet connection.

④ Hub Button

Enter pairing mode: Double-click the button.
Restore factory settings: Press and hold for 5 seconds. The LED will flash amber and green, entering pairing mode.

■ 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. Does the black screen show anything?

The black screen on the device is a solar panel that can collect energy from ambient light to power the sensor. It is not a LCD screen and won't display any content.

2. Under what conditions can the solar battery panel work?

According to the test results of Meross laboratory, when the ambient light reaches about 150 Lux, the solar panel will work. When working, the solar panel will provide energy for the sensor without any battery consumption provide that ambient light is bright enough. The sensor will be powered by solar panel in preference to ensure a long battery life.

The following is the illumination intensity of common scenes for reference:

Direct sunlight	30000-300000 Lux	Full daylight (Not direct sun)	10000-25000 Lux
Overcast day	1000 Lux	Office lighting	300-500 Lux
Very dark day	100 Lux	Corridor without light	5-10 Lux

3. What should I do when my Meross app is unable to check the added smart sensor?

You can troubleshoot the followings:
· Check the Wi-Fi internet connection.

· Make sure the Wi-Fi password hasn't been changed.
· Make sure the device battery is not drained.
· Make sure the paired Smart Hub is still online by checking its LED. If it is not solid green, please power cycle it once. If it still won't work, please reset the Smart Hub and pair it with the Smart Sensor again.

4. How to fix a HomeKit pairing failure?

Please visit
https://www.meross.com/support/FAQ/230.html
for solution.

5. Why is my Meross smart device not responding in Apple Home app?

This is an exisitng issue with Apple Home app. You need to exit and reboot your Home app to fix this problem.

To learn more, you can visit
https://www.meross.com/support/faqs to find solutions for more frequently asked questions.

■ 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, 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 courantes d'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. t

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SIMPLIFY YOUR LIFE

Email: support@meross.com
Website: www.meross.com