HOMESYSTEM

QUICK START GUIDE

Meross MS220

5-in-1 multifunction door sensor with doorbell

Manufacturer: **Meross** · Model: **Meross MS220**

PRODUCT IN THE HOMESYSTEM E-SHOP

obchod.homesystem.sk/en/meross-5-in-1-multifunction-door-sensor-ms220/

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A door and window contact sensor with doorbell, vibration detection, 100 dB alarm, night light and programmable button. It communicates via Bluetooth; notifications, chime and Matter require the Meross MSH450P hub.

BASIC INFORMATION

Model	MS220 (MS220-EU)
Power	1× CR123A battery 1700 mAh (included), up to 3 years
Wireless	Bluetooth Low Energy; Meross MSH450P hub
Magnet gap	max. 2.5 cm
Alarm	buzzer up to 100 dB
Protection	IP66, UV resistant
Dimensions	31.5 × 29.5 × 85 mm
Environment	−20 to 60 °C, indoor and outdoor
Package contents	sensor, magnet, CR123A battery, 2× double-sided tape, battery cover opener, manual

SAFETY INSTRUCTIONS

CAUTION

- Do not expose the sensor to fire or high temperatures for extended periods.
- Use only a CR123A battery and insert it with correct polarity.
- Remove the battery if the sensor will not be used for a long time. Keep the sensor and battery out of reach of children.
- Do not disassemble or modify the device.

INSERTING THE BATTERY

1. Insert the opener into the slot and carefully pry open the battery cover.
2. Insert the CR123A battery according to the polarity markings.
3. Close the cover firmly. The gasket must be clean and intact, otherwise waterproofing is not guaranteed.

BUTTONS

Multifunction button (bell)	doorbell, night light or scene trigger – set the function in the app
Pairing button – short press	pairing mode, LED flashes green rapidly
Pairing button – hold 5 s	factory reset (LED flashes red once, then green, short beep)

LED AND SOUND

Green briefly, short beep	power on
Green flashing, short beep	pairing mode
Green lights up then turns off	pairing successful
Amber flashing slowly	firmware update
Amber flashing 5 s, 3 loud beeps	find device from the app
Red flashing, alarm sound	alarm triggered (sound configurable, can be muted)
Red flashing, no sound	alarm muted or connection lost

NOTE

- Low battery is not indicated by LED or sound – you will be alerted in the Meross app.

FIRST START

1. Download the Meross app and add the Meross MSH450P hub.
2. Add the sensor in the app and follow the wizard (some settings use Bluetooth between the phone and the sensor).
3. Briefly press the pairing button – the LED flashes green rapidly.

4 After pairing, choose door sensor or doorbell mode and set vibration sensitivity and alarm sound.

> **NOTE**
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> - For Apple Home, Google Home, Alexa or SmartThings you need Matter from the MSH450P hub and a Matter controller for that platform (e.g. HomePod mini). Older hubs MSH450, MSH450MA and MSH300 are not supported.

INSTALLATION

- Clean the surface; it must be clean and flat. Press the tape firmly for 30 s.
- Align the magnet with the top edge of the sensor, on either side, with a gap of max. 2.5 cm.
- Do not mount directly on metal or near strong magnetic fields – on metal doors, put a thin spacer under both the sensor and the magnet.

Disposal: A product marked with the crossed-out wheeled bin symbol must not be disposed of with household waste. Take it to a WEEE collection point or return it to the retailer when buying a new device. Dispose of batteries separately at a battery collection point.
Important: this quick guide in English was prepared by HomeSystem s.r.o. for customers of the obchod.homesystem.sk e-shop based on the manufacturer's documentation. In case of discrepancies, the manufacturer's original manual prevails: https://bucket-meross-static.meross.com/meross/production/product/usermanual/2026/9/14/544628.pdf
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