

MEROSS MA151HMATRI- EU Smart Smoke Detector



Model: MA151HMATRI-EU

Manufacturer: MEROSS

EAN: 6942349220081

Product Code: 1092756

R2,925

MEROSS MA151HMATRI-EU Smart Smoke Detector

The MEROSS MA151HMATRI-EU smoke detector utilizes advanced dual-optical detection technology, ensuring fast and accurate detection of hazards even before a fire breaks out. With a loud alarm of ≥ 85 dB audible from a distance of 3 meters and full 360° coverage, the device effectively enhances the safety of household members. The compact design measuring 125 × 125 × 33 mm, mounted on the ceiling, and powered by two AA batteries, ensures convenient installation and a long operating time of up to 3 years.

Precise smoke detection and fewer false alarms

The use of Dual Optical Detection technology allows for the detection of both white and black smoke, which significantly increases the sensor's effectiveness. Multi-standard optics ensure sensitivity and

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measurement accuracy while reducing the risk of unnecessary alarms. Additionally, the device performs automatic self-tests, which can also be initiated via the app, ensuring the system operates correctly at all times.

Integrated whole-home alarm system

The sensor works with a dedicated Meross hub, enabling the creation of a connected alarm system. If smoke is detected by one device, all paired sensors trigger an alarm, increasing the effectiveness of alerts throughout the home. Even in the absence of internet or power to the hub, local communication continues to function, ensuring uninterrupted protection. The hub itself features a 110 dB audible alarm and an ultra-fast response time of 2 ms.

Smart scenarios and full control via the app

From the Meross app, you can create automations that enhance safety and convenience. For example, smoke detection can automatically turn off other devices in the home. The app also allows you to view event history going back up to 10 years and sends notifications about alarms, low battery levels, device issues, or its offline status. Critical alerts can bypass your smartphone's silent mode, ensuring you don't miss important information.

User comfort and features tailored to everyday life

"Do Not Disturb" mode allows you to turn off indicator lights and low-battery notifications at night, promoting a peaceful sleep. The alarm mute function lasts for about 10 minutes, and the low-battery warning can be temporarily disabled for about 10 hours. Additionally, device testing is performed directly from your smartphone, eliminating the need to reach for the sensor mounted on the ceiling.

Included

- sensor
- hub

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Manufacturer	Meross
Model	MA151HMATRI-EU
Power supply	DC 1.5V × 2 AA batteries (PAIRDEER LR6)
Product lifespan	10 years from the date of manufacture
Battery life	Up to 3 years
Operating temperature	0°C~55°C
Operating humidity	≤95% RH, non-condensing
Alarm volume	≥85 dB (at 3 m), 3.0–3.5 kHz
Installation location	Ceiling
Low battery warning duration	Approximately 10 hours
Alarm silencing duration	Approximately 10 minutes
Dimensions	125 × 125 × 33 mm
Sensor-hub connectivity	433 MHz
Hub-app connectivity	Wi-Fi IEEE 802.11 b/g/n 2.4 GHz
System requirements	iOS 13 or later, Android 8.0 or later
Network requirements	2.4 GHz Wi-Fi network

GPSR Link: https://psr-assets.innpro.pl/smarthome/sg_smarthome_actuators.pdf, Gross weight: 1400, Net weight: 935, Box length: 28,00, Box width: 14,00, Box height: 8,50, Information about data generation: <https://dataact.innpro.pl/Meross/6942349220081>, PPWR: <https://ppwr.innpro.pl/meross>

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