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**HEIMAN 633PHW**

# HEIMAN Interconnected Wireless Smoke Detector User Manual

Model: 633PHW

## INTRODUCTION

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This user manual provides detailed instructions for the installation, operation, and maintenance of your HEIMAN Interconnected Wireless Smoke Detector. This device is designed to provide early warning of smoke and fire, enhancing the safety of your home or property. Please read this manual thoroughly before use and retain it for future reference.

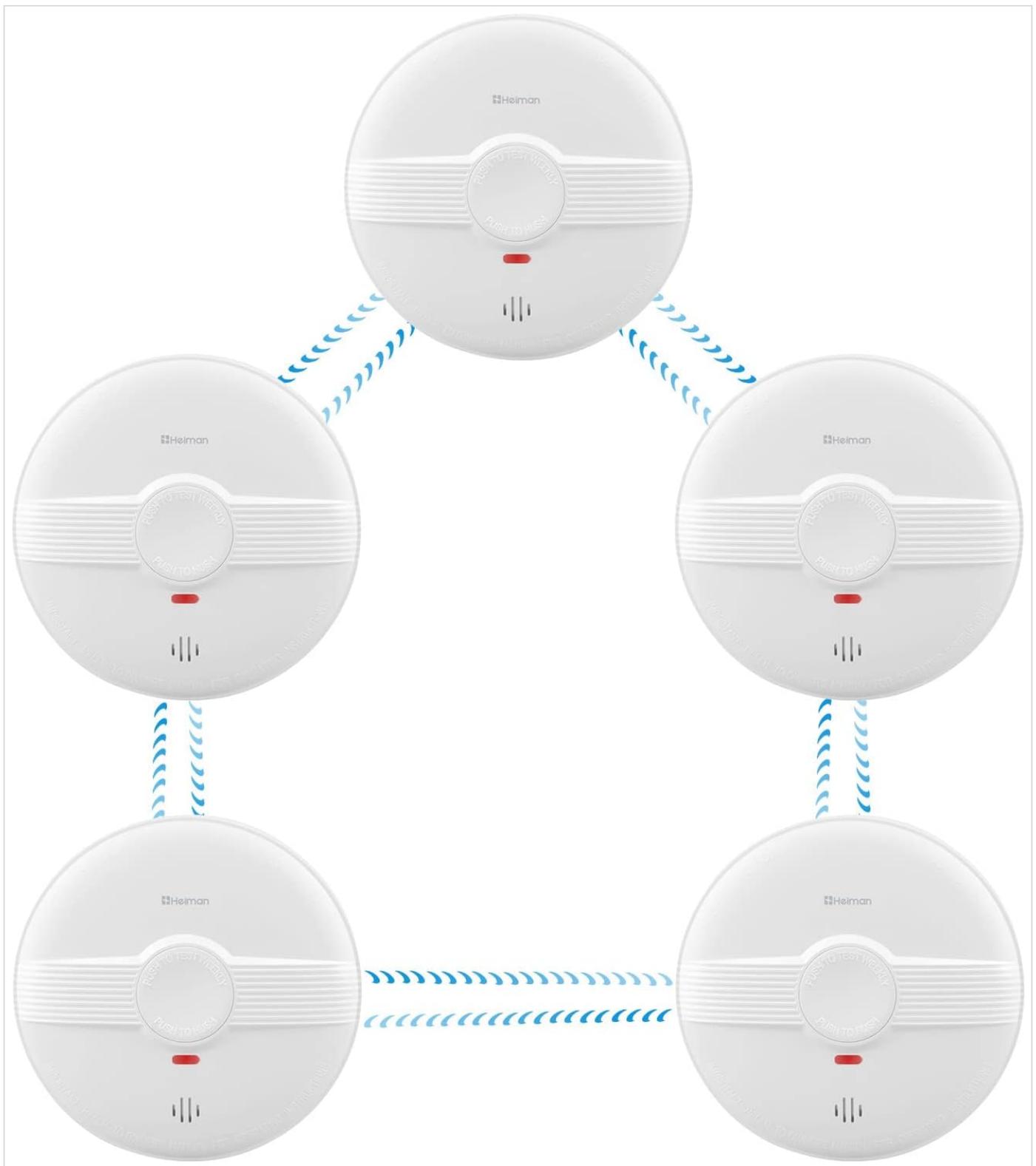


Image: HEIMAN Interconnected Wireless Smoke Detector. This image shows the top view of a single white, circular smoke detector with a central test button and a red LED indicator.

## SAFETY INFORMATION

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Always adhere to the following safety guidelines:

- Do not paint the smoke detector. Paint can clog the sensing chambers and prevent the alarm from operating correctly.
- Do not install in areas with high humidity, excessive dust, or near sources of combustion (e.g., kitchens, garages, bathrooms) to avoid false alarms.
- Test the smoke detector weekly to ensure proper function.

- Never ignore a smoke alarm. Investigate the cause and take appropriate action immediately.
- Keep the device clean and free from obstructions.

## PRODUCT OVERVIEW

The HEIMAN Interconnected Wireless Smoke Detector features advanced photoelectric sensing technology and a 10-year sealed lithium battery for long-lasting, reliable protection. It is designed for easy installation and can wirelessly interconnect with up to 40 other compatible HEIMAN smoke detectors, ensuring that when one alarm sounds, all connected alarms will also sound.

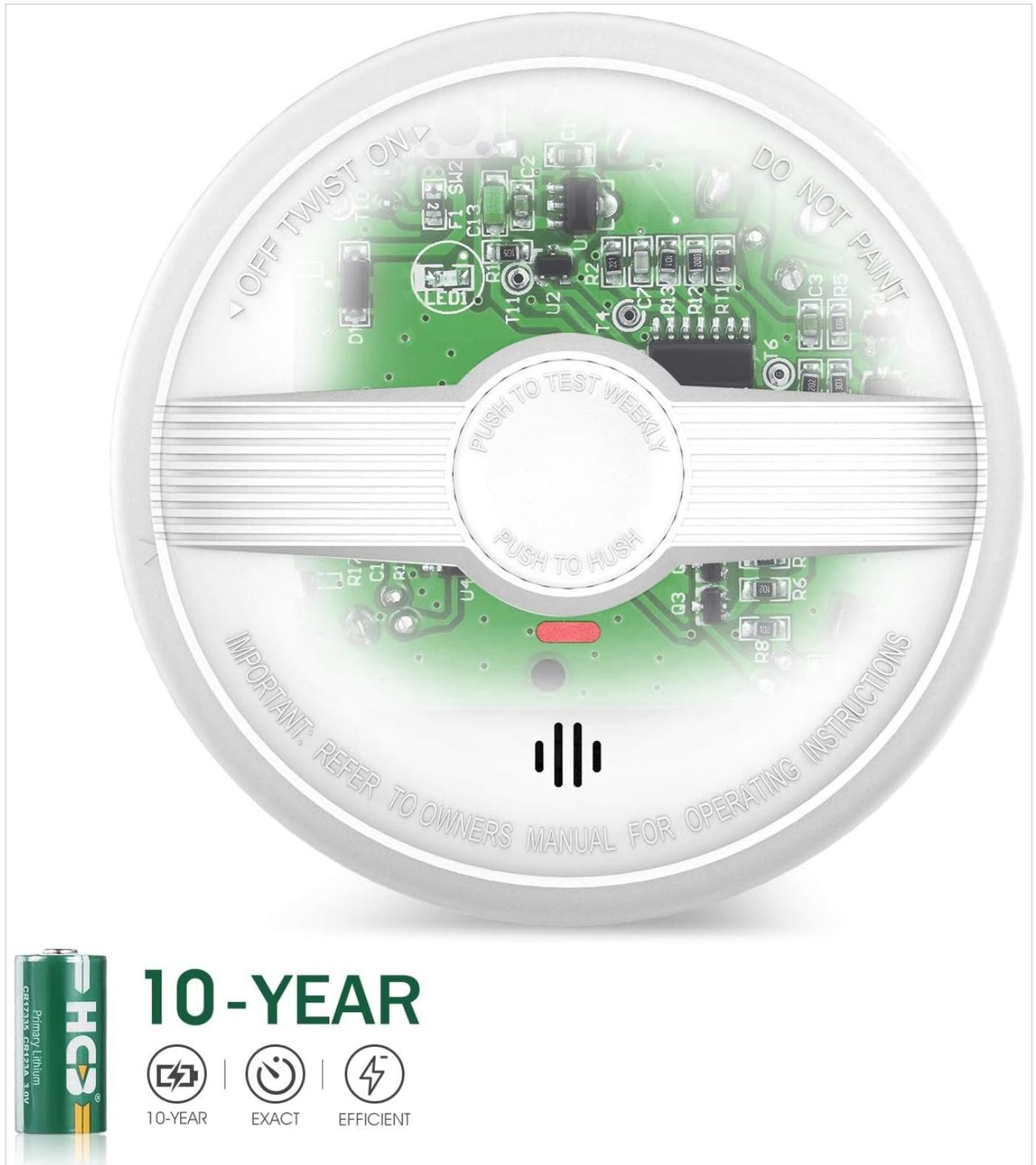


Image: Internal view of the smoke detector with a 10-year battery icon. This image displays the internal circuitry of the smoke detector, highlighting its photoelectric sensor and the inclusion of a 10-year lithium battery.

## Key Features:

- **Photoelectric Sensor:** Provides high-precision response to dangerous smoke.
- **10-Year Battery Life:** Reduces the need for frequent battery replacements.
- **Wireless Interconnection:** Connects up to 40 units for comprehensive coverage.
- **85dB Alarm:** Loud alarm sound to alert occupants.
- **Test/Silence Button:** Allows for easy testing and temporary silencing of nuisance alarms.
- **LED Indicator:** Provides visual status of the detector.



Image: Sensitive and Intelligent 360-degree smoke perception. This image shows the smoke detector mounted on a ceiling, with a subtle smoke effect around it, illustrating its 360-degree smoke detection capability.

## SETUP

### 1. Unpacking

Carefully remove the smoke detector and all accessories from the packaging. Verify that all components are present: smoke detector unit, mounting bracket, screws, and anchors.

## 2. Battery Activation

The smoke detector comes with a pre-installed 10-year lithium battery. To activate the battery, simply remove the battery isolation tab (if present) or twist the detector onto its mounting bracket. The detector will emit a short beep to indicate activation.

## 3. Mounting Location

Choose a central location on the ceiling or high on a wall, away from corners, vents, and direct sunlight. For optimal protection, install smoke detectors in every sleeping area and on every level of your home, including the basement.

## 4. Mounting the Detector

Use the provided screws and anchors to securely attach the mounting bracket to the chosen location. Once the bracket is installed, align the smoke detector with the bracket and twist it clockwise until it locks into place. Ensure it is firmly attached.

## 5. Wireless Interconnection

To interconnect multiple HEIMAN smoke detectors:

1. On each detector, locate the DIP switches (usually inside the battery compartment or on the back).
2. Set the DIP switches on all detectors you wish to interconnect to **thesame ID**. There are 16 possible ID groups. Only detectors with matching IDs will form a connection group.
3. Once the DIP switches are set, activate each detector by installing it on its mounting bracket.
4. Test the interconnection by pressing the test button on one detector. All interconnected detectors should sound the alarm.

A maximum of 40 wireless smoke detectors can be interconnected. The wireless transmission range is over 150 meters in open air.





When one alarm activates, all interlinked smoke alarms will sound.

A maximum of 40 wireless smoke alarms can be interconnected.



Image: Cross-section diagram of a house with red dots indicating the placement of interconnected smoke alarms. This visual demonstrates how multiple alarms throughout a home can create a comprehensive safety network.

## OPERATING

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### 1. Testing the Alarm

Press and hold the large central test/silence button on the detector. The alarm will sound, and the LED indicator will flash rapidly. If interconnected, all linked alarms should also sound. Release the button to stop the test. Test your smoke detector weekly.

### 2. Silence Function

In case of a nuisance alarm (e.g., from cooking fumes), press the test/silence button to temporarily silence the alarm for approximately 10 minutes. The alarm will automatically reset after this period if the smoke has cleared. If smoke is still present, the alarm will reactivate.

### 3. LED Indicator Meanings

- **Green LED (flashing every 60 seconds):** Normal operation.
- **Red LED (flashing rapidly with alarm):** Smoke detected.
- **Red LED (flashing every 60 seconds with a chirp):** Low battery warning.
- **Red LED (flashing every 60 seconds with a different chirp):** Malfunction/fault.

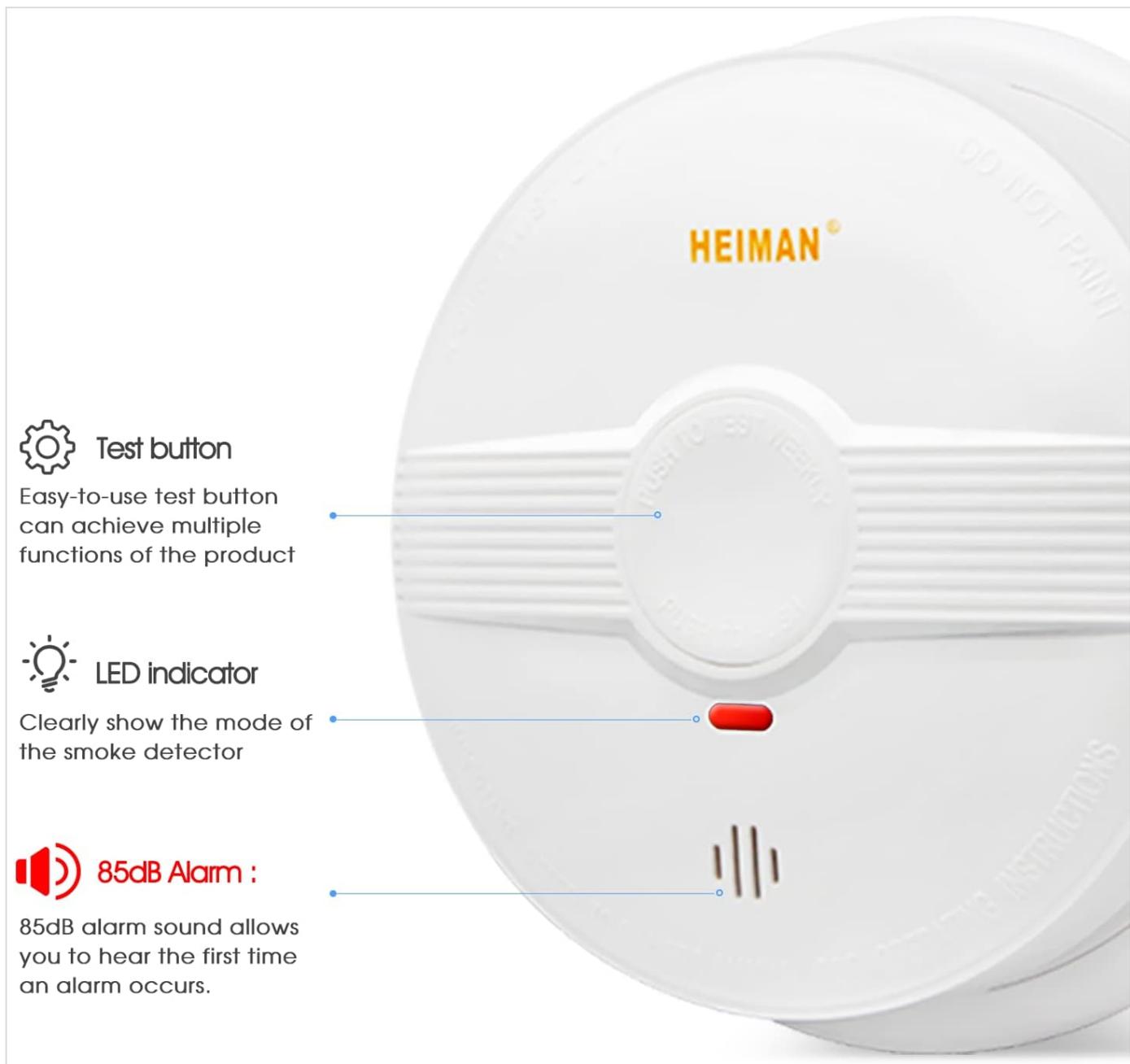


Image: Close-up of the smoke detector's front face, pointing out the test button, LED indicator, and the 85dB alarm sound feature.

## MAINTENANCE

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### 1. Cleaning

Clean your smoke detector at least once a month. Use a soft brush attachment on your vacuum cleaner to remove dust and debris from the vents. Do not use cleaning solvents or spray chemicals directly on the detector.

### 2. Battery Status

The detector features a 10-year sealed battery. When the battery is low, the detector will chirp approximately once every 60 seconds, accompanied by a red LED flash. Replace the entire unit when the low battery warning sounds, as the battery is not user-replaceable.

### 3. Regular Testing

Test your smoke detector weekly by pressing the test button. This ensures the alarm and its electronic components are functioning correctly.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Alarm chirps every 60 seconds	Low battery.	Replace the entire smoke detector unit.
False alarms	Cooking fumes, steam, dust, high humidity, or improper placement.	Press the silence button. Relocate the detector if false alarms persist due to environmental factors. Clean the detector.
Alarm does not sound during test	Battery not activated, unit malfunction, or end of life.	Ensure battery is activated. If not, replace the unit.
Interconnected alarms do not all sound	DIP switches not set to the same ID, or range issues.	Verify all interconnected detectors have the same DIP switch ID. Ensure detectors are within wireless range (150m open air).

## SPECIFICATIONS

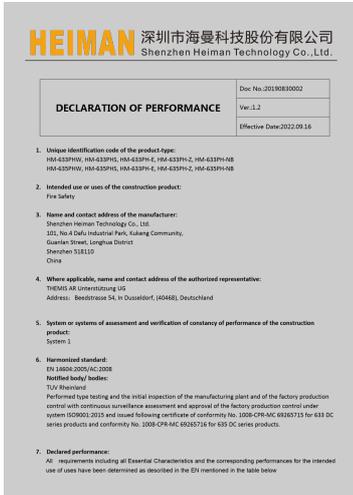
Feature	Specification
Model Number	633PHW
Sensor Type	Photoelectric
Power Source	1 CR123A Lithium Battery (sealed, 10-year life)
Alarm Loudness	85 dB at 3 meters
Interconnection	Wireless, up to 40 units
Wireless Range	Over 150 meters (open air)
Operating Temperature	00C to 400C (320F to 1040F)
Operating Humidity	Up to 95% RH (non-condensing)
Dimensions (L x W x H)	15 x 15 x 5 cm
Certification	EN14604
Material	ABS

## SUPPORT

For further assistance or inquiries regarding your HEIMAN smoke detector, please refer to the official HEIMAN website or contact customer support through your point of purchase. Keep your model number (633PHW) and purchase details ready when contacting support.

You can find more information about HEIMAN products and safety solutions on their official brand store [HEIMAN Brand](#)

Documents - HEIMAN – 633PHW



[\[pdf\]](#) Declaration of Conformity

Windows User 633 635 DC DECLARATION OF PERFORMANCE 2024 Large Smoke Detectors  
PRODUCT Shenzhen Heiman Technology Co Ltd 20241024120201Vu heimantech product  
common upload 10 24 |||

DECLARATION OF PERFORMANCE Doc No.:20190830002 Ver.:1.2 Effective  
Date:2022.09.16 1. Unique identification code of the product-type: HM-**633PHW**, HM-  
633PHS, HM-633PH-E, HM-633PH-Z, HM-633PH-NB HM-635PHW, HM-635PHS,  
HM-633PH-E, HM-635PH-Z, HM-635PH-NB 2. Intended use or uses of the  
construction produ...

lang:en score:25 filesize: 362.2 K page\_count: 2 document date: 2024-10-24