

AEGTEST HOUND-1011S

AEGTEST HOUND-1011S Portable Radon Detector User Manual

Model: HOUND-1011S

1. PRODUCT OVERVIEW

The AEGTEST HOUND-1011S is a portable radon detector designed for continuous monitoring of radon gas levels in residential environments. It features a high-precision semiconductor sensor for accurate readings and provides both audible and visual alarms when radon concentrations exceed user-defined thresholds. This device supports multiple timeframe readings and can store up to 504 days of historical data, offering comprehensive long-term monitoring capabilities.

The detector displays radon levels in either pCi/L or Bq/m³, allowing for flexibility based on regional standards. Its compact and lightweight design, coupled with a long-lasting internal battery, makes it suitable for various monitoring locations within a home.



Image 1: Front view of the HOUND-1011S detector displaying radon levels and recommended actions.

2. SAFETY INFORMATION

Radon is a naturally occurring radioactive gas that can accumulate in buildings. Long-term exposure to elevated radon levels can pose significant health risks, primarily increasing the risk of lung cancer. It is the second leading cause of lung cancer after smoking. This detector is designed to help identify areas with high radon concentrations, enabling users to take appropriate mitigation steps.

3. PACKAGE CONTENTS

- 1 × HOUND-1011S Portable Radon Detector
- 1 × USB Type-C Charging Cable
- 1 × Lanyard
- 1 × User Manual



Image 2: The HOUND-1011S detector, its packaging, USB-C charging cable, and user manual.

4. SETUP

1. **Power On:** Long press the power button (usually located in the center) to turn on the device.
2. **Initial Placement:** Place the detector in the area where you intend to monitor radon levels long-term. Ensure the device is stable and not subject to vibration or frequent movement.
3. **Charging:** For continuous monitoring or if the battery is low, connect the device to a power source using the provided USB Type-C cable. The built-in battery can last up to 45 days in sleep mode without charging, making it suitable for travel or temporary placements.

5. OPERATING INSTRUCTIONS

- **Viewing Records:** Short press the power button to cycle through different display modes, view historical records, or access menu options.

- **Changing Units:** The device supports switching between pCi/L and Bq/m³. Refer to the on-screen menu for unit selection.
- **Setting Alarm Thresholds:** Customize the radon level at which audible and visual alarms are triggered through the device's menu settings.

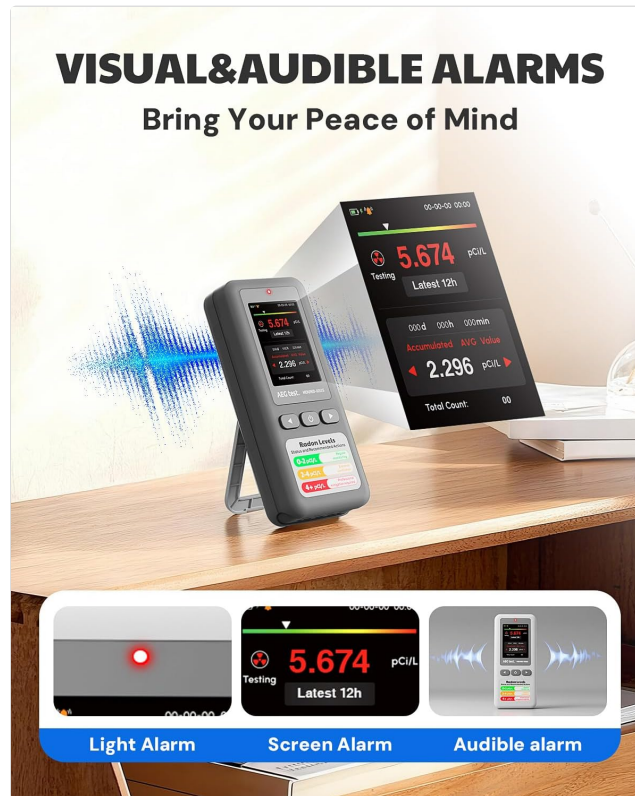


Image 3: The detector showing visual and audible alarm features for radon level alerts.

6. MONITORING AND DATA

- **First Reading:** The device provides its first radon level reading within 12 hours of activation.
- **Hourly Updates:** After the initial reading, the device updates radon levels hourly for real-time accuracy.
- **Historical Data:** The HOUND-1011S can store up to 504 days of historical radon data. This allows for comprehensive long-term monitoring and analysis of radon trends over extended periods. The LCD screen displays data for various timeframes, including 12H, 24H, 48H, 72H, and 96H averages.



Image 4: Illustration of the high-precision semiconductor sensor and the 12-hour fast reading capability.

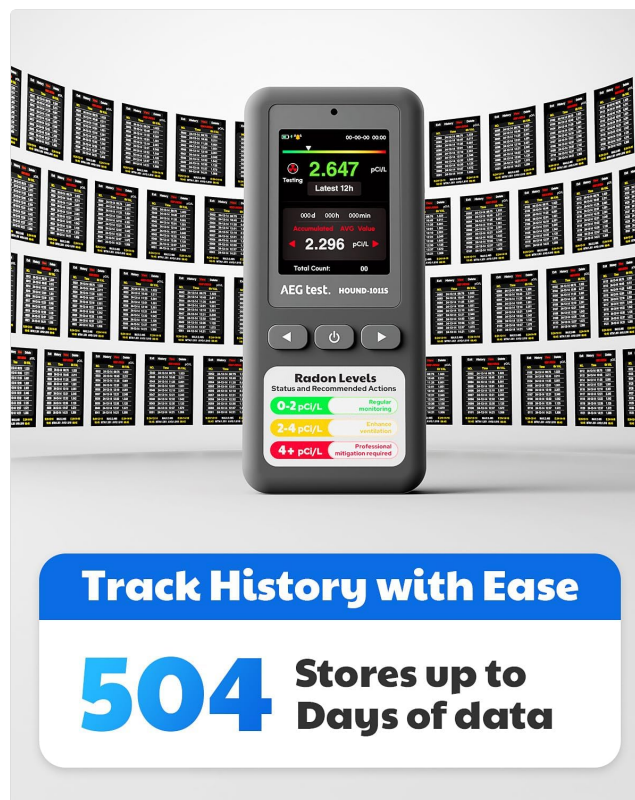


Image 5: The detector's ability to track and store up to 504 days of historical radon data.

7. PRECAUTIONS AND PLACEMENT

7.1 Precautions

- **Avoid Vibration or Movement:** After any movement, stabilize the device in its new location and initiate a new test for accurate results.

- **Avoid Strong Light:** Direct sunlight or strong artificial light sources (e.g., flash) can affect readings. If exposed, place the device in a dark area (e.g., drawer) for 1-2 hours, then retest. Normal indoor lighting does not impact results.
- **Avoid High Humidity:** High humidity can influence sensor performance. If necessary, place a desiccant near the air inlet of the device, then start a new test.

7.2 Recommended Placement

Radon typically enters buildings through foundation cracks, openings, and from soil, rocks, or groundwater. Place the detector in areas where radon may accumulate, such as:

- Basements
- Garages
- Near floor cracks or sumps
- Ground-level living areas

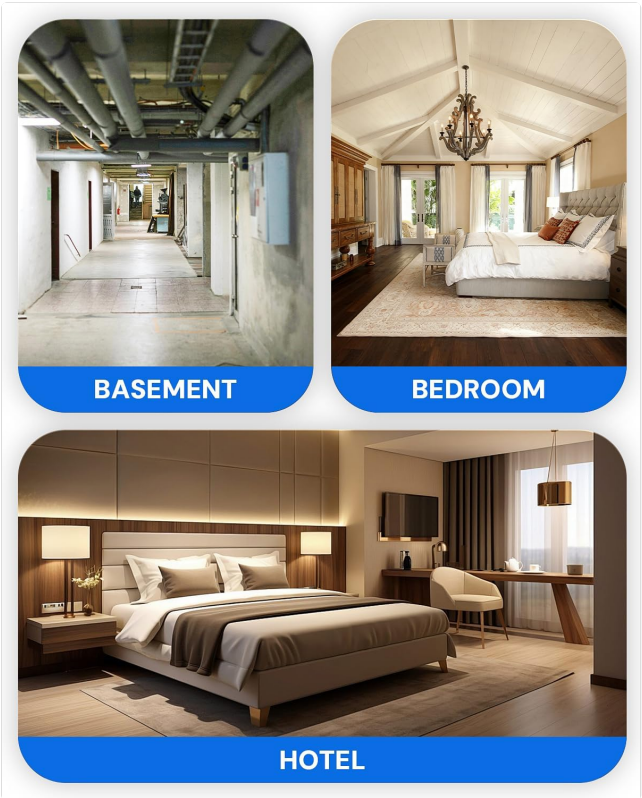


Image 6: Suggested placement locations for the radon detector, including basements and living areas.

8. TROUBLESHOOTING

Q: The reading appears too high.

A: Retest after ensuring the device is stable and has not been moved. Movement can temporarily affect initial readings. Allow the device to settle in its location for at least 12 hours for an accurate first reading.

Q: No reading is displayed after restarting the device.

A: Restarting the device initiates a new measurement cycle, resetting the 12-hour measurement period. The device will begin a new test. Historical data remains accessible in the 'DATA' menu.

9. SPECIFICATIONS

Feature	Detail
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Model Number	HOUND-1011S
Brand	AEGTEST
Measurement Range	0.09 to 1000 pCi/L
Sensor Type	High-precision semiconductor sensor
First Reading Time	Within 12 hours
Data Storage	Up to 504 days of historical data
Battery Type	1 Lithium Ion battery (included)
Battery Life (Sleep Mode)	Up to 45 days
Charging Port	USB Type-C
Alarms	Audible and Visual
Display	LCD screen
Color	Grey
Item Weight	280 g
Manufacturer	AEGTEST
Country of Origin	China



Image 7: The detector highlighting its long battery life of up to 45 days on a single charge in sleep mode.

10. WARRANTY AND SUPPORT

Specific warranty details and direct support contact information are not provided in the product description. Please refer to

the documentation included in your product package or contact the retailer where the device was purchased for warranty claims and technical support.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

Could you please give me simple step-by-step instructions to set up the AEGTEST HOUND-1011S to start detecting radon?

Setting up the AEGTEST HOUND-1011S to start detecting radon is a straightforward process. Follow these steps to begin monitoring:Power On: Long press the power button (located in the center of the device) to turn...

[Read full answer](#)