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> AEGTEST HOUND-3786 Radon Detector User Manual

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Model: HOUND-3786 | Brand: AEGTEST

1. INTRODUCTION

The AEGTEST HOUND-3786 Radon Detector is designed for fast and accurate detection of radon levels in your home or office. It provides real-time data with updates every 10 minutes, stable readings within 1 hour, and comprehensive long-term monitoring capabilities. Featuring a large 3.5-inch color display, intuitive controls, and multiple alert modes, this device helps safeguard your family's health by providing clear and actionable radon information.



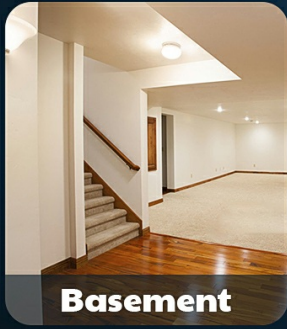
Image: Comparison of HOUND-3786's fast reading capability against other radon detection methods.

2. WHAT'S IN THE BOX

Your AEGTEST HOUND-3786 Radon Detector package includes everything you need to begin monitoring immediately:

- 1 × HOUND-3786 Radon Detector
- 1 × Charging Data Cable (USB-C)
- 1 × Multilingual User Manual

Wide Applications



Basement



Garage



Living Area



Bedroom



Ideal for pre-sale or rental radon checks and new home safety evaluations.

Image: The HOUND-3786 Radon Detector, charging cable, and user manual as included in the package.

3. SETUP & INITIAL USE

The HOUND-3786 is designed for immediate use. Simply unbox the device and connect it to a power source using the provided USB-C cable. The device will power on automatically. The large 3.5-inch color LCD screen will display initial readings within 10 minutes, with stable data available within 1 hour.



Sensitivity Meets Stability

10-Min
First Reading

1-Hour
Radon Snapshot

*** Precision Ionization Sensor: Detects 33.6 α particles every hour perpCi/L.**

Image: The HOUND-3786 display showing the rapid 10-minute first reading and 1-hour radon snapshot.

4. OPERATING INSTRUCTIONS

The device features intuitive button controls for easy navigation and mode selection. The display provides clear information on current radon levels.

Monitoring Modes:

The HOUND-3786 offers various monitoring modes to suit your needs:

- **Real-Time Monitoring:** Provides readings updated every 10 minutes.
- **Short-Term Tracking:** Displays data over shorter periods for quick assessment.
- **Long-Term Tracking:** Offers a comprehensive data overview with built-in charts, storing over 1.5 years of history.

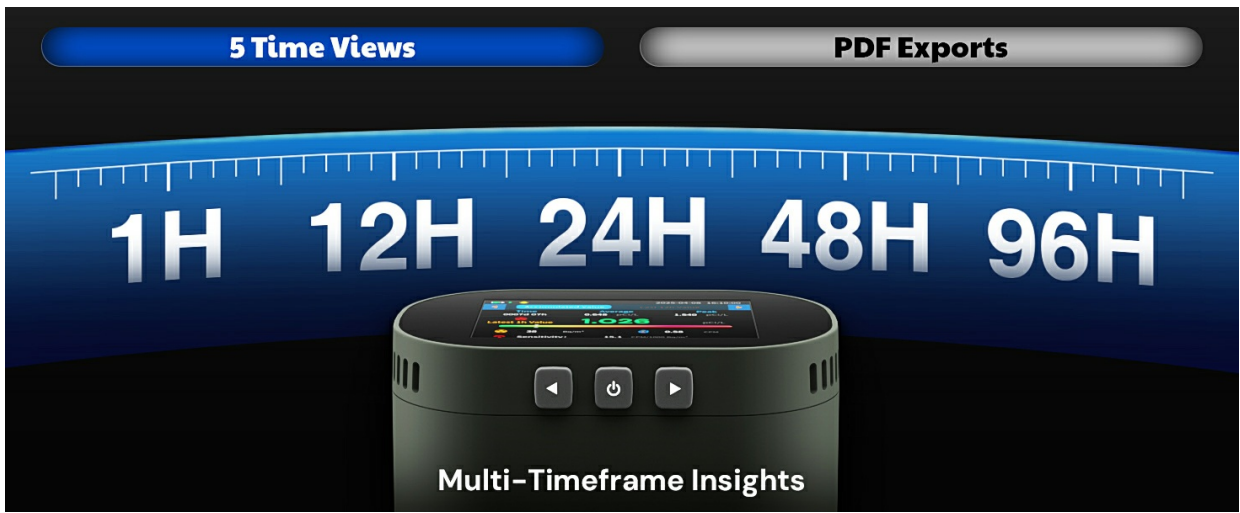


Image: The 3.5-inch color LCD screen of the HOUND-3786, showing detailed radon level information.

5. DATA MONITORING & EXPORT

The device stores over 1.5 years of historical data, which can be viewed directly on the unit through built-in charts. For detailed analysis, you can easily export PDF reports to your phone or computer using the charging data cable. No additional app or lab services are required for data export.



Image: The HOUND-3786 screen showing built-in data charts and historical data storage for over 1.5 years.



Image: The HOUND-3786 connected to a smartphone, illustrating the PDF export feature.

6. ALERT MODES

The HOUND-3786 features multiple alert modes to provide real-time warnings:

- **Color-Coded Bars:** Radon levels are intuitively displayed with color-coded bars on the screen.
- **Flashing LED Indicators:** Visual alerts are provided through flashing LED lights.
- **Customizable Audible Alarms:** Set personalized audible alarms to notify you when radon levels exceed safe thresholds.



Image: The HOUND-3786 illustrating its three alert mechanisms: a concentration bar, LED indicator, and sound alarm.

7. PLACEMENT & APPLICATIONS

The HOUND-3786 is ideal for long-term daily use in various indoor environments. Place it in areas such as:

- Homes
- Basements
- Offices
- Garages
- Living Areas
- Bedrooms

It is also suitable for pre-sale or rental radon checks and new home safety evaluations.



Image: Examples of wide applications for the HOUND-3786, including basements, garages, living rooms, and bedrooms.

8. SPECIFICATIONS

Feature	Detail
Brand	AEGTEST
Model Number	HOUND-3786
Power Source	Rechargeable lithium battery
Sensor Type	High-precision pulsed ionization chamber sensor
Display	3.5-inch Color LCD Screen
First Reading	10 minutes
Stable Data	Within 1 hour
Data Update Frequency	Every 10 minutes
Historical Data Storage	Over 1.5 years
Alert Modes	Audible & Visual (Color-coded bars, Flashing LED, Customizable audible alarms)
Operating Humidity	<80% RH
Item Weight	0.76 Kilograms
Color	Black

9. MAINTENANCE

To ensure optimal performance and longevity of your HOUND-3786 Radon Detector, follow these maintenance guidelines:

- **Cleaning:** Gently wipe the device with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **Battery Care:** Recharge the device using the provided USB-C cable when the battery indicator is low. For long-term storage, ensure the battery is partially charged.
- **Placement:** Keep the device away from direct sunlight, extreme temperatures, and high humidity (above 80% RH) to prevent damage to the sensor.
- **Air Vents:** Ensure the air vents are clear of dust and debris to allow for proper air circulation and accurate readings.

10. TROUBLESHOOTING

If you encounter any issues with your HOUND-3786 Radon Detector, consider the following common troubleshooting steps:

- **No Display/Power:** Ensure the device is properly connected to the charging cable and a working power source. Check if the battery is completely drained and allow it to charge for a few minutes.
- **Inaccurate Readings:** Verify that the device is placed in an appropriate location, away from drafts, vents, or areas with high humidity. Allow sufficient time (at least 1 hour) for stable readings to appear.
- **Alarms Not Functioning:** Check the device settings to ensure audible alarms are enabled and set to your desired threshold.
- **Data Export Issues:** Ensure the USB-C cable is securely connected to both the detector and your phone/computer. Refer to the user manual for specific PDF export instructions.

If problems persist, please contact AEGTEST customer support for further assistance.

11. WARRANTY & SUPPORT

AEGTEST offers a **36-month warranty service** for the HOUND-3786 Radon Detector, ensuring peace of mind and product reliability.

Contact Information:

For any inquiries, technical support, or warranty claims, please contact us:

- **Manufacturer:** shenzhenshixunyidianzishangwuyouxiangongsi
- **Manufacturer Address:** longgangqubantianjiedaowuheshequdaguangkancun7xiang3hao304 shenzhenshi guangdongsheng 518129 CN
- **Manufacturer E-mail:** support@aegtest.tech