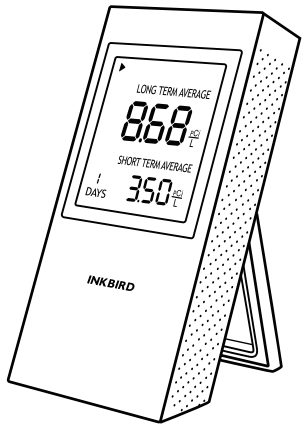
尺寸：75mmX140mm
类型：7折页
材质：80G书纸

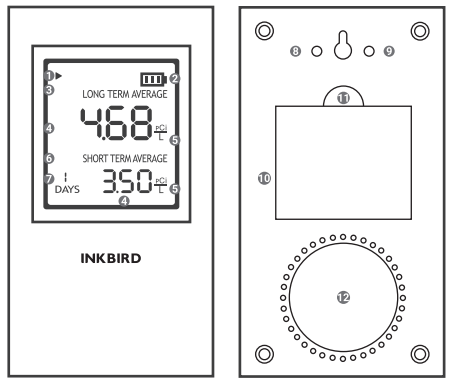
INKBIRD

Radon Detector



USER MANUAL

01 PRODUCT INTRODUCTION



❶ Measurement indicator: Blinks when the instrument is active.
❷ Low battery level indicator: Change batteries as soon as possible when this icon appears.
❸ LONG TERM AVERAGE: Long-term average value.
❹ Measuring value.
❺ Unit of measure: pCi/L (or Bq/M).
❻ SHORT TERM AVERAGE: Short-term average value.
❼ Measurement period for short-term average: Ranges between 1 and 7 days.
❽ Reset button: Press it to start a new measurement period. Note that all stored data of the previous measurement will be removed after resetting.
❾ MODE Button: Press it to display the number of measurement days since the last reset. The number will appear on the screen for 20 seconds.
❿ Battery holder for 3xAAAalkaline batteries (LR03).
⓫ Opening of the battery cover.
⓬ Radon sensor vent.

02 SPECIFICATION

Detecting technology	Passive radon diffusion chamber	
Sensor	Alpha spectrometry sensor	
Battery	3 AAA alkaline Batteries (LR03) 2 years battery life	
Accuracy /Precision		
@200Bq /M (5.4 pCi / L) - Typical	7 days	< 10%
	2Month	2Month
Measurement range	0~9999Bq/M (or 0~500 pCi/L)	
Operation Environment	Temperature: 4℃~40℃; Relative Humidity < 85%RH	
Dimensions	L125 X W70 X H25mm	
Weight	150g (incl. battery)	

03 GETTING STARTED

1.Firstly, pull out the plastic tab by the battery lid at the back of the monitor.
2.Then the display shows 'CAL' (calibration) and counts up to a minimum of 50. The monitor self-test is in this phase and the duration is less than 30 sec.
3.The LCD screen shows up to 4 flashing dashes to indicate the time remaining until the radon levels are shown. In this phase, data is obtained for an initial radon level calculation. The phase duration depends on radon levels but typically ranges from 6 to 24 hours. The indicator in the upper left corner of the screen flashes when the monitor is active.
4.Place the monitor in living areas (e.g., bedroom and living room) and in places deemed representative of the air breathed in each living area.

Note:
(1) The radon monitor should not be exposed to direct sunlight or moisture and should be placed at least 50 cm above floor level, and at least 150 cm from the nearest door, window, or air vent.
(2) Don't move it during measurement.
(3) If the display shows 'Err' and a number, press RESET, and remove and reinstall the batteries after cleaning their contacts. If the 'Err' persists, contact the seller for support.

04 HOW TO USE THE MONITOR

- The long-term average represents the average radon value for the ongoing measurement, max one year (updated once every 24 hours).
- The short-term average alternates between showing the radon value over the last day (updated every hour) and over the last 7 days (updated once every 24 hours).
- The long-term average value is used to identify any potential health risks.
- The short-term average is used primarily to see the effect of measures to reduce the radon level, such as increasing ventilation.
- The building can be diagnosed by taking measurements for one week in all living areas, such as living rooms and bedrooms.
- This should preferably be followed by long-term measurement in the room which has the highest radon value.
- For long-term measurement periods and action levels, we recommend following the guidelines from the national radiation authority.

RESET: Press the button to restart the instrument before a new measurement. This operation removes all stored radon data. Remember to note down all previous measurements before using the RESET button.

MODE: Press the button to get information on the number of measurement days since the instrument started for the first time or the last RESET operation.

This information is displayed on the lower half of the screen for 20 seconds before the screen returns to the ordinary display.
It is recommended to keep the monitor continuously ON.
Replace the batteries when the low battery indicator appears on the screen.

Note: After replacing the batteries, the instrument resets, and all stored data is deleted.

05 SAFETY PRECAUTIONS

- Contact the seller if the product requires service or repairs.
- The front or back cover must not be opened Avoid subjecting the unit to shock, impact, pressure, vibrations, dust, and moisture.
- The unit must not be exposed to direct sunlight for extended periods.
- Use only AAA alkaline batteries (LR03).
- Batteries must not be exposed to flame or other high-heat sources.
- Battery terminals shall not be touched and kept free of dust, sand, and liquids.

06 PRODUCT WARRANTY

This product comes with a 1-year warranty. The instrument is tested and quality-assured by production. It meets the accuracy values set out in the specification table. The manufacturer/seller will not be responsible for any damages caused by misuse or misoperation of the monitor. If you have any issues with your instrument, please get in touch with us. We are more than happy to help!

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V1.0