Residential Flammable Gas Leakage Detector (RFR200)  
Operation Instructions

Thank you for choosing Honeywell gas leakage alarm system. Please carefully read through the instructions before using this product, and perform according to the relevant procedures as provided herein to avoid any damage to this machine or any other incidents incurred by your inappropriate operation.

The user shall assume any liability arising from or in connection with his or her failure to comply with the instructions in this manual and part installation, repair or replacement by unauthorized persons.

For the product, its color and style, please refer to the actual product as standard.

Please keep this manual in a safe place for future reference. If you should have any doubt or dissatisfaction with our product or service, including product quality, installation and maintenance, please contact us immediately so that we can deal with your suggestions in a proper way.

- **Product profile**
  - As the gas detection expert, Honeywell Analytics brings together nearly 200 collective years of expertise in design, manufacture and technology. As the leader in gas detection and alarm equipment industry in the world, we apply high-precision detection standards to domestic gas leakage alarm systems. By integration of powerful catalytic flammable sensing technology and advanced electronic technology, Honeywell is dedicated to providing multiple protections for both our customers and their properties.

- **Function and indication chart**
  - | Status | Description | LED (green) | LED (red) |
  - | --- | --- | --- | --- |
  - Normal | Always lighted on | 3 times/h | 
  - Alarm | 2 long chirps/min | 3 times/h | 
  - High | Fault LED (yellow) flashes 4 times | 
  - Test (normal) | 2 long chirps/min | 
  - Trouble | Fault LED (yellow) flashes 4 times | 
  - Power trouble | Not lighted | 

- **Part description**
  - Control panel:
    - Front cover assy
    - Stream relief
    - Main assy
    - Adapter
    - Remote sensor

- **Procedures for control panel installation**
  - Find an appropriate installation point on the wall.

- **Operation description**
  - **Timing/Interval**

- **Service life and warranty period**
  - 1. The optimal service life is five years (since the purchase, please keep your invoice).
  - 2. The warranty period for free is one year (since the purchase).
  - 3. User must read through this instruction manual carefully and operate correctly, and Honeywell will repair or replace for free in case the machine does not work due to any quality issue at the manufacturer's side.

- **Operation Standard:** GB15322.2-2003

- **Detection Gas:** LNG

- **Installation instruction**
  - The detector shall be installed in the room with gas consumed equipment, and the alarm shall have a horizontal distance of 3m or less from the gas consumed equipment. In case natural gas is used, the detector may be installed at the height with a 30m distance or less from the ceiling.

- **Procedures for control panel installation**
  - Find an appropriate installation point on the wall.

- **Procedures for remote sensor installation**
  - Fix the sensor onto the ceiling with screws.

- **Incorrect mounting position**
  - 1. Places where exhaust, steam and oil smoke from gas appliances may influence the leader in gas detection and alarm equipment industry in the world, we apply high-precision detection standards to domestic gas leakage alarm systems. By integration of powerful catalytic flammable sensing technology and advanced electronic technology, Honeywell is dedicated to providing multiple protections for both our customers and their properties.

- **Trouble Condition**
  - | Condition | Description |
  - | --- | --- |
  - Power trouble | Not lighted |
  - Software trouble | Not lighted |

- **Cell health trouble/No cell**
  - Stop if no gas is present after 1 minute, the audible alarm will sound. The green LED will flash 4 times.

- **Trouble position**
  - 1. Power LED (green): indicates the power system is in normal operation
  - 2. Alarm LED (red): indicates the concentration of combustible gas leakage reaches the set value
  - 3. Fault LED (yellow): indicates the alarm is in fault condition

- **Procedures for remote sensor installation**
  - Fix the sensor onto the ceiling with screws.

- **Diagram**
  - To remove the panel, push inward the locking tab and then pull out the panel towards the opposite side.
  - Flash mounting — in case mounting is not necessarily used. You need to disconnect the AC power wire and remote sensor wire from main Assy and take off the adapter first.

- **Flush mounting**
  - Cut off the strip on the left edge of the host with a knife, and fixed the machine body into the groove previously excavated on the wall with screws (detected dimensions of the groove: with 134mm×136mm, height 92mm~93mm).

- **Other information**
  - 1. Power LED (green): indicates the power system is in normal operation
  - 2. Alarm LED (red): indicates the concentration of combustible gas leakage reaches the set value
  - 3. Fault LED (yellow): indicates the alarm is in fault condition

- **Workmanship guarantee**
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  - 2. Alarm LED (red): indicates the concentration of combustible gas leakage reaches the set value
  - 3. Fault LED (yellow): indicates the alarm is in fault condition

- **Customer service**
  - Honeywell Trading (Shanghai) Lim Li
  - 430 Li Bing Road, Zhangjiang Hi-Tech Park, Shanghai, China

- **Operating instructions**
  - 1. When gas leakage occurs, the alarm signal will be silenced for 5 minutes by pushing the button marked "Test". The red alarm will continue to flash for 5 minutes.
  - 2. Alternatively, the audible alarm will sound 2 long chirps/min.

- **Special conditions**
  - 1. The optimal service life is five years (since the purchase, please keep your invoice).
  - 2. The warranty period for free is one year (since the purchase).
  - 3. User must read through this instruction manual carefully and operate correctly, and Honeywell will repair or replace for free in case the machine does not work due to any quality issue at the manufacturer’s side.

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- **Procedures for remote sensor installation**
  - Fix the sensor onto the ceiling with screws.

- **Incorrect mounting position**
  - 1. Places where exhaust, steam and oil smoke from gas appliances may directly influence the