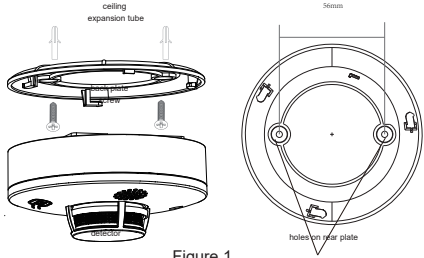


Smoke alarm User Manual	I. Overview Photoelectric fire smoke detector(smoke detector,in short) is built with infrared photoelectric sensor with unique structural design,, reliable MCU and SMT manufacturing processes, featuring high sensitivity, high durability, low power consumption and ease of use. It's widely used in homes, shops, factories and warehouses for fire prevention purposes. Not recommended for spaces with: · stagnant smoke under normal conditions. · big dust particles, fog, vapor, fume, corrosive air. · relative humidity over 95%. · ventilating air speed of over 5m/s. II. Working Principles This detector is designed to detect smoke from fire at its smoulder stage or after it breaks out. When smoke moves into the sensing chamber and triggers light scattering, the variation on illuminance received by light sensing component has linear correlation with the smoke density. The detector constantly collects, analyzes and determines the data. When the illuminance reaches preset alarm activation threshold or environment temperature reaches above 57 ℃(for smoke+heat version only), RED indicator turns on, and the buzzer goes off, meanwhile, a wireless signal is sent to the alarm control panel.	III. Technical Specifications Sound Level: >80dB@3m front Rated Voltage: DC3V Rated Current: ≤ 25uA Alarm Current: ≤ 20mA Alarm Output: light and sound Weight: around 125g(incl.battery) Dimensions: 96*49mm (incl. rear plate) IV. Installation & Debugging Installation Position: Detection range covers around 20m² for regular spaces with the height of no more than 6m. Please install the detector onto the ceiling. Installation Steps: · Twist the rear plate anticlockwise off the detector. · Aligning the 2 holes on the rear plate, and drill 2 holes on the ceiling, with 56mm in between. Then screw the rear plate onto the ceiling with the provided anchors and screws (refer to Figure 1). · Load 2pcs 1.5V AA dry batteries into the battery compartment on the detector (pay attention to the '+'/'-'end).	· Perform Auto-Check by pressing the TEST button. If Auto-Check fails, check if the batteries are installed properly or in low power (below 2.6V). · Twist the detector clockwise onto the rear plate.  Figure 1 V. Operation Instructions · Normal Status: indicator flashes every 60s. · Low Voltage Status: when battery voltage is below 2.6V, the detector sounds 'Di' every 55s and sends a wireless signal to the alarm control panel. · Alarm Status: when smoke density reaches preset alarm activation threshold, RED indicator flashes, and the buzzer goes off, meanwhile, a wireless signal is sent to the alarm control panel.
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• Self Check Status: press TEST button , RED indicator flashes, and the buzzer goes off, meanwhile, a wireless signal is sent to the alarm control panel. • Mute Status: under alarm status, press TEST(Mute) button to mute the buzzer, RED indicator keeps flashing. Mute status lasts some 50s Then the detector either goes back to alarm status or normal status, depending on whether or not the smoke is cleared. VI. Troubleshooting • When detector sounds 'Di' every 55s it indicates low power, please replace the batteries. • Constant false alarms: dust contamination. Please clean the maze with your vacuum cleaner(the obtruding plastic part in black). VII. Maintenance • Please contact your supplier in case of malfunction. Do not dismantle or repair on your own, not to cause any accidents. • If not in use for long, remove the batteries and the detector from installation, and keep them dry and in good ventilation.	VIII. Transportation & Storage • Keep intact the original package and seal during transportation, and prevent the product from intensive impacts. • Avoid drastic changes on environment temperature. • Stacking layer counts: no more than 6 for cartons, and no more than 5 for individual package box. IX. In The Box <table><tr><td>Smoke+heat detector x1</td><td>Rear plate x1</td></tr><tr><td>Expansion tube x2</td><td>Screw x2</td></tr><tr><td>User manual x1</td><td></td></tr></table>	Smoke+heat detector x1	Rear plate x1	Expansion tube x2	Screw x2	User manual x1		NOTE: This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user ' s authority to operate the equipment. NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: - Reorient or relocate the receiving antenna. - Increase the separation between the equipment and receiver. - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. - Consult the dealer or an experienced radio/TV technician for help important announcement Radiation Exposure Statement To comply with FCC RF exposure compliance requirements, this grant is applicable to only mobile configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.
Smoke+heat detector x1	Rear plate x1							
Expansion tube x2	Screw x2							
User manual x1								