

smartwares
Manual RM337 Y15 M07 V01

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EN INTRODUCTION

Installing an alarm is part of your fire protection, such as fire extinguishers, emergency ladders, and ropes but also your choice in the use of building materials for a renovation. Make sure there is an escape plan and discuss this with your children. If the device does not work correctly, the instructions of the supplier should be consulted. At the local fire department you can get more information about fire prevention.

This manual contains important information. Please, read these instructions carefully before use.

Intended use
The product is meant to detect dangerous CO and GAS concentrations and to remind you of it. Intended use with other than the intended use described above is considered unintended use.

WARNING! The user may cause (severe) injury to himself or seriously damage the product. A warning indicates the possibility of injury to the user or damage to the product, if the user does not perform the procedures carefully.

PRECAUTIONS AND SAFETY INSTRUCTIONS

- WARNING!** Test the device every weekly. Replace the device when it is not functioning as described in this manual.
- WARNING!** If there is any doubt about the cause of the alarm, by way of precaution assume that there is real danger and follow your emergency plan. Please, do not assume that the alarm is a false alarm.
- WARNING!** Ensure that there are no water/ gas pipes or electrical wires in the wall at the spot where you install the device. When in doubt, use a pipe detector to make sure you are not drilling in a pipe.
- WARNING!** Never use cleaning agents to clean your device.
- WARNING!** Do not paint the device. The detection holes can become blocked.
- WARNING!** Install the device out of the reach of children. Under any circumstances children should operate the device.
- WARNING!** When the power fails the device will not work.
- WARNING!** The device only detects carbon monoxide and combustible gas.
- WARNING!** The device indicates only the presence of carbon monoxide and combustible gas in the vicinity. Carbon monoxide and combustible gas can be present in other environments.
- WARNING!** Avoid spraying with air fresheners, hair spray, deodorant or other aerosols near the device.
- WARNING!** Ensure that the ventilation holes are not covered.

COMPOSITION OF THE PRODUCT

- TEST button
- HUSH button
- GAS LED (red)
- CO LED (red)
- POWER LED (green)
- ALARM LED (red)
- Indicators
 - Green LED at POWER: The device is connected to the mains
 - Red LED at CO: If a dangerous carbon monoxide concentration is detected, the red LED will light and the alarm sounds until the dangerous concentration carbon monoxide is removed.
 - Red LED at GAS: If a dangerous carbon monoxide concentration is detected, the red LED will light and the alarm sounds until the dangerous concentration combustible gas is removed.
 - Red LED at ALARM: The alarm sounds as has recently sound.

INSTALLATION

- Recommended installation locations**
- Install the device on a central location so that the alarm can be heard in all rooms.
 - Install the device at least 1.5 meters from the ground.
 - Install the device near a possible power source on the wall.
 - Install the device at least 1,85 metres out of range of combustion devices.
 - Preferably, install the device at eye level, so the LEDs are clearly visible.
 - Do not install in dead air spaces such as a peak of vaulted ceilings, or such as a peak of vaulted ceilings, or gabled roofs.
 - Do not install the product next to doors or windows.
 - Do not install the device near a fan or radiator.
 - Do not install the device in a dusty, dirty or greasy environment. Dust and cleaning agents can affect the functioning of the device.
 - Do not install the product in humid spaces.
 - Do not install the device behind curtains or behind the stove.
 - Do not install the device in an inaccessible location because of the existing buttons and for maintenance.

- Product installation**
- Slide the mounting plate from the device (2).
 - Mark the holes on the wall using the mounting plate.
 - Drill 5 mm holes in the wall and insert the supplied plugs in the holes.
 - Screw the mounting plate to the wall with the supplied screws (3).
 - Slide the device on the mounting plate (4).
 - Insert the plug into the wall socket (5). The green LED lights at POWER and you will hear a short beep. For four minutes the device will acclimatize, hereto the red LEDs flash at CO and GAS.

ATTENTION! Do not press the TEST button immediately! Wait about 30 seconds.

OPERATION OF THE CO AND GAS DETECTOR

- Testing the device**
- ATTENTION!** The green LED must always light, this indicates that the device is switched on. If the green LED is switched off, first check whether the mains plug is inserted into the wall socket and whether there is power at the wall socket. When this is not the power, the device must be replaced.
- Press and hold the TEST button. The alarm sounds, the red LEDs at CO and GAS fires will light continuously and the red LED flashes at ALARM.
- Switching off the alarm sound**
- When the alarm sounds, press the HUSH button to stop the alarm sound. After 5 minutes the red LEDs will reset.
- What to do if the alarm sounds**
- Press the HUSH button.
 - Close the gas supply and fuel burning devices where possible.
 - Move to fresh air outdoors directly or open all doors/windows to ventilate the space and to disperse the carbon monoxide.
 - Evacuate the building, count if everyone is present and call the emergency services.
 - Do not go back inside or away from the open door/window until the emergency services have arrived and the carbon monoxide has dispersed.
 - Seek medical attention immediately for anyone suffering symptoms of headache, drowsiness, nausea, etc.
 - Do not use the devices until they have been checked by a qualified person and the errors are localized and resolved.

MAINTENANCE

- The devices are maintenance-free, so never open them. The guarantee becomes void when you open the appliance. Only clean the outside of the devices with a soft, dry cloth or a brush. Prior to cleaning, remove the devices from all voltage sources. Do not use any carbonyc cleaning agents or petrol, alcohol or similar. These attack the surfaces of the devices. Besides, the vapors are hazardous to your health and explosive. Do not use any sharp edged tools, screw drivers, metal brushes or similar for cleaning. **Warning!** Protect the battery against fire, too much heat and sunshine.

SAFETY

- Keep with a clean, dry cloth or brush, use no solvents or abrasives. Avoid dampness on all electrical components.
 - Keep all parts out of the reach of children.
 - Avoid a wet, very cold or warm environment; this may damage electronic circuit boards.
 - Avoid dropping or shocks, this may damage the electronic circuits.
 - Do not increase the housing of the device, this will void your warranty.
 - Avoid damage to the sensor of the device. High concentrations of these substances can damage the sensor, what mostly results in a false alarm: methane, propane, iso-butane, ethylene, ethanol, acetone, benzene, toluene, ethyl acetate, hydrogen, hydrogen sulphate, sulphur dioxide. What also can cause damage are gases with aerosol, alcoholic products, paint, solvent, glue, hairspray, aftershave, perfume and some cleaning agents.
- CARBON MONOXIDE**
- Carbon monoxide is a treacherous poison that escapes when fuels are burned. It is a colourless, odourless and tasteless gas and therefore difficult to detect with the human senses. CO kills hundreds of people each year and injures many more. It combines with the haemoglobin in the blood and reduces the percentage of oxygen that circulates in the body. In high concentrations CO can kill in minutes. CO is produced by incomplete combustion of fuels such as wood, charcoal, coal, oil, paraffin, natural gas, propane, butane, etc.
- Examples of sources of CO:**
- Running motor in garage
 - Oil and gas heaters
 - No.1000
 - Wood and gas fireplaces
 - Barbecues
 - Portable generators
 - Gas or kerosene heater
 - Clogged chimneys
 - Heating boiler

GENERAL MAINTENANCE

- Check weekly if the alarm and the LEDs are working.
- Clean the device regularly to avoid dust from attaching. This can be done once a month by using a vacuum cleaner with brush or with a damp cloth. Clean the device carefully.
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- WARNING!** The device only detects carbon monoxide and combustible gas.
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