

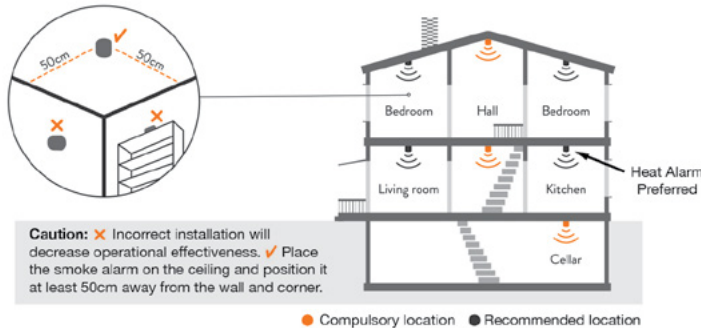
SK-20NZ SMOKE ALARM INSTALLATION INSTRUCTIONS

Thank you for buying a Sentech photoelectric smoke alarm. Please read all instructions before installing the smoke alarm, so it will protect your home in the best possible way.

- If you are installing the smoke alarm for some other person, leave these instructions or a copy of them with him/her.
- The Sentech photoelectric smoke alarm is also suitable for use in camper vans, caravans, and boats.

1. POSITIONING THE SMOKE ALARM

- Place at least one smoke alarm per 60 m² on each floor.
- Place a smoke alarm in each corridor and bedroom.
- The smoke alarm should be placed on the ceiling and ideally close to the middle of the room.
- Place a smoke alarm at the top of each staircase.



AVOID THESE POSITIONS:

Near a wall or corner: Place the smoke alarm at a distance of at least 50cm from a wall or corner.

Moist places: Avoid installing smoke alarms near moist or occasionally moist places such as a shower or kitchen, where steam may cause a false alarm.

Ventilation ducts: Avoid installing a smoke alarm immediately next to a ventilation duct. The draft may prevent smoke from reaching the smoke alarm. Smoke alarms can't be installed in a location where the air velocity is more than 300ft/min (1.5 m/sec).

Dead-air spaces: Avoid installing a smoke alarm in the angle of a pitched roof. Install it at a distance of least 10cm from the ridge.

Fluorescent lamps: Avoid installing a smoke alarm immediately next to fluorescent lamps, such as halogen lights.

Radiation heating source: Avoid installing a smoke alarm radiant heating source. Radiant heating in the ceiling can create a hot air barrier layer along the ceiling surface which can seriously restrict the movement of smoke and heat towards a smoke alarm.

2. OPERATION AND TESTING

Normal mode: The red light flashes once every 344 seconds (roughly 6 minutes) in normal mode.

Alarm mode: When the smoke alarm detects smoke, it goes into alarm mode in which the smoke alarm beeps continually and the red light flashes.

Test mode: Most of the alarm top/face is the test button. Press the test button until you hear the alarm sound and see the light flash. Release the button and the smoke alarm will go into silence mode (9 minutes).

Silence mode: During alarm mode, press the test button for 1 second to reset the smoke alarm. The beep is silenced when the test button is released - the alarm then enters in to a 9 minute silence mode. In silence mode, the red light flashes once every 10 seconds to indicate that the mode is active.

The silence mode will be cancelled if any of the following conditions exist:

- High smoke level.
- Test button is activated again.

Error mode: The smoke alarm sends out a 'beep' three times every 43 seconds. Remove the smoke alarm from the mounting plate and clean up the surface dust, then re-install. If the smoke alarm remains in error mode, contact the distributors as listed.

Low battery: When the battery is used up, the smoke alarm beeps at intervals of 43 seconds. You can silence the beep by pressing the test button for 3 seconds - during the 3 seconds the red light stays on and the beep sounds. After the 3 seconds release the test button, and the 'beep' prompt is silenced for 8 hours.

Pressing the test button for 3 seconds then releasing will also activate the smoke alarm in to a 9- minute silence mode. At the end of the 8 hours, the audible indication will resume if the low battery condition still exists.

Local Alarm Memory: If the smoke alarm goes into alarm mode, it will enter the 24 hours local alarm memory state after exiting alarm mode.

In local alarm memory state, the green light flashes three times at 1.3 second intervals - this pattern will repeat every 43 seconds, and will stop after 24 hours, returning to normal mode. You will still be able to identify a unit with an alarm memory by pressing the test button. When you press test button, the 'beep' sound will be once every 0.25 seconds - release the test button to revert from the local alarm memory state. The initial 24 hours visual indication is not displayed if the smoke alarm is in the low battery condition.

End of life indicator: After 10 years of operation, an audible warning signal occurs to indicate that the smoke alarm should be replaced. This indicator will be similar to the error mode warning that the smoke alarm sends out 'beep' three times every 43 seconds.

3. MAINTENANCE

Battery life: The smoke alarm contains a 3V lithium battery (CR123A). The lifetime is 10 years. When the battery is used up, the smoke alarm beeps at intervals of 43 seconds for at least 30 days. If the battery is used up, replace the smoke alarm as soon as possible.

WARNING: Lithium batteries can explode or cause burning if installed incorrectly. Do not attempt to replace the battery.

Clean the smoke alarm at least once a year. Separate the smoke alarm carefully from the installation plate by turning it counter-clockwise.

Test the smoke alarm after cleaning it. Do not paint or modify the smoke alarm.

Waste handling: The smoke alarm should be disposed in accordance with normal waste handling for electronics.

4. TECHNICAL INFORMATION

Operating principle: Photoelectric

Alarm current: < 200mA

Dimensions: 42.5 x Ø50.8mm

Maximum humidity: 93%

Quiescent current: < 3uA

Weight: 54 g

Warranty: 5 years

Sound volume: ≥ 85 dB
at a distance of 3 meters

Holding temperature of
3M attachment tape -35°C~ 93°C

Voltage: 3V (built-in lithium battery)

Operating temperature: 0°C~ 45°C

Conform to the standard: EN14604

5. MANUFACTURER'S GUARANTEE

The manufacturer provides a 5 year guarantee, starting from the purchase date of the product. If the smoke alarm becomes defective during the guarantee period, the smoke alarm will be replaced with a new one providing the defective one is returned to the distributor. The guarantee covers manufacturing or material defects in the product, if the smoke alarm has been used according to the user instructions and the guarantee period has not expired. The guarantee period for a smoke alarm that has been replaced with a new one is the same as that of the original smoke alarm. **The guarantee is not valid if:**

- 1) the product is used, maintained, or tested contrary to the user instructions,
- 2) the defect has been caused by a negligent act by other than the manufacturer,
- 3) if the product has been modified or treated with force,
- 4) if it the guarantee receipt is missing.

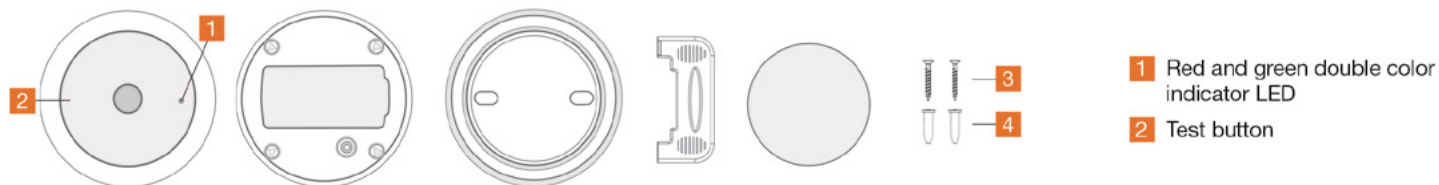
The guarantee does not cover costs due to installation or battery replacement. The manufacturer's responsibility does not in any case exceed the price of a new smoke alarm. The manufacturer is not responsible for any damage or loss that has been caused by a non-working smoke alarm or negligence by the manufacturer. This guarantee does not affect rights enacted by law.

Australasian Distributors:

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6. PRODUCT COMPONENTS DRAWING



7. INSTALLATIONS

A Sentech smoke alarm can be installed in two different ways:

(1) QUICK INSTALLATION WITH 3M DOUBLE-SIDE TAPE

Make sure that the installation surface is even and cleaned thoroughly. If the ceiling has an uneven surface or rough in texture, install the smoke alarm with the screws supplied.



- A) Activate the smoke alarm by pushing the mounting plate and turning it clockwise at the same time. The smoke alarm is activated and ready to be installed when you feel clicks. You may also hear an alarm sound if the test button gets pressed during activation.



- B) Remove the white cover on the double-sided tape, then adhere to the mounting plate.



- C) Remove the red cover on the double-sided tape.

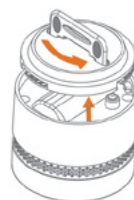


- D) Attach the smoke alarm by pressing it firmly against the ceiling for approximately 60 seconds. You may also hear an alarm sound if the test button gets pressed during installation.
E) Make sure that the smoke alarm is activated by pressing the test button for 1 second. When the smoke alarm gives an alarm sound, the test is complete and your smoke alarm is ready for use.

The installation is now complete. Test your smoke alarm weekly!

Note: Installation with 3M double-sided tape is not approved according to Great Britain's LPCB standard.

(2) INSTALLATION WITH SCREWS



- A) Remove the mounting plate of the smoke alarm by turning it counter-clockwise and lifting it away.



- B) To achieve the correct smoke alarm position, mark drill holes for the screws then screw the mounting plate of the smoke alarm tightly to the ceiling with the screws.



- C) Press the smoke alarm against the mounting plate and turn it clockwise until you feel clicks.



- D) Make sure that the smoke alarm is activated by pressing the test button for 1 second. When the smoke alarm gives an alarm sound, the test is complete and your smoke alarm is ready for use.

The installation is now complete. Test your smoke alarm weekly!

