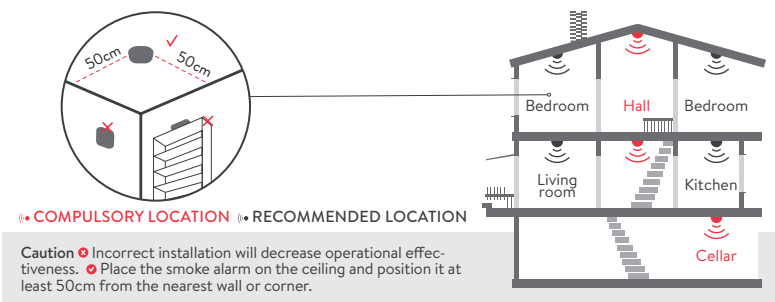


Thank you for purchasing the Jalo Helsinki Kupu J4 smoke alarm. The Kupu smoke alarm is a photoelectric smoke alarm and is intended for use in residential dwellings. An electric buzzer/horn provides an audible alarm signal when the smoke alarm senses smoke which exceeds a pre-determined level. When the smoke level drops below the alarm level, the buzzer/horn is de-energised. A self-test facility is provided. If the surface of the top cover is depressed, an alarm signal is emitted. Jalo Helsinki smoke alarm cannot prevent fires.

Read these user-instructions carefully before fitting the smoke alarm. Keep this manual in a secure place for future use for the entire lifetime of the product.

If you are installing the smoke alarm for some other person, leave these instructions or a copy of them with him/her.

The Jalo smoke alarm is also suitable for use in a travel vehicle, such as 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 is to be placed on the ceiling and in 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 least 50 cm from a wall or corner.
- Moist places:** Avoid installing smoke alarms near moist or occasionally moist places eg. close to a shower or kitchen where steam can cause a false alarms.
- Ventilation ducts:** Avoid installing a smoke alarm immediately next to a ventilation duct. The draft may prevent smoke from reaching the smoke alarm.
- Dead-air spaces:** Avoid installing a smoke alarm at the top of a pitched roof. Install it at a distance of at least 10 cm from the ridge.
- Fluorescent lamps:** Avoid installing a smoke alarm immediately next to fluorescent lamps, such as halogen lights as it might cause a false alarm signal.

2. INSTALLATIONS

A smoke alarm can be installed in two different ways: 1. Quick installation with double-sided tape (see 9.) or 2. by installing the smoke alarm with screws (see 10.).

Caution! In order to activate the battery, rotate the rear cover when the smoke alarm is attached onto the mounting plate. The power button will be automatically pressed and the battery is activated.

3. OPERATION AND FEATURES

- Normal operation mode:** The LED light signals every 6 minutes.
- Silence mode:** By pressing the entire surface for 3 seconds, the smoke alarm goes into a silence mode that lasts approximately 9 minutes. During that time the LED light signals every 10 seconds. If extremely dense smoke is detected, the alarm will still alert (beep) even in silence mode. The silence mode can also be switched off manually by pressing the surface again.

Alarm memory test: When you have been away from home and return, you can check whether the alarm mode has been on during your absence by pressing the surface of the smoke alarm: If the alarm beeps intensively, this means that smoke was detected during your absence. After beeping 4 times intensively, the smoke alarm returns back to normal operation mode. In case the alarm mode has not been on during your absence, the smoke alarm gives an alarm tone such as in normal test (see 5.) operation mode.

4. ALARM SIGNALS

Alarm signal: When the smoke alarm detects smoke it will go into alarm mode and beep intensively. However, if you are sure that there is no danger of fire and that the device is positioned right (see 1. for correct positioning), the signal may be a false alarm caused by small particles (dust, insects) in the smoke chamber. Remove the smoke alarm from the mounting plate on the ceiling and vacuum the grill as highlighted in

the illustration (see diagram 10.7 on the adjacent page). If this does not help, please contact the manufacturer (see 8.).

Low battery signal: The smoke alarm beeps at intervals of approximately 40 seconds and the LED light flickers approximately every 6 minutes. By pressing the cover, you can change the alarm into low battery silence mode, in which the alarm stops beeping for 8 hours. Please change your smoke alarm when it falls into low battery mode.

NB: You cannot change batteries in 10 year model J4 Kupu smoke alarm.

Fault signal: The smoke alarm beeps 3 times per 40 seconds with no red LED light. The signal may be caused by small particles (dust, insects) in the smoke chamber. Remove the smoke alarm from the mounting plate on the ceiling and vacuum the grill as highlighted in the illustration (see diagram 10.7 on the adjacent page). If this does not help, there may be an electronic malfunction. If the fault signal continues for longer than 10 min, the problem may not be temporary. In this situation, please contact the distributor.

5. MAINTENANCE AND TESTING

Testing: Press the surface of the smoke alarm for 3 seconds until you hear the alarm sound. The entire surface works as a test button. Note that after testing, the alarm goes into a silence mode.

Battery life: The smoke alarm contains one 3V lithium battery, that lasts for 10 years. When the battery falls into low battery mode, please replace the product as soon as possible.

Cleaning of the alarm: The smoke alarm must be cleaned at least once a year. Detach the smoke alarm from the mounting plate by turning it counterclockwise and vacuum from the grill (see diagram 10.7 on the adjacent page). Test the smoke alarm after cleaning.

Do not paint or modify the smoke alarm!

Disposal of the smoke alarm: The smoke alarm should be disposed with normal electronic products.

Lithium battery warning: The Jalo Helsinki smoke alarm contains a lithium battery. If handled improperly, lithium batteries can explode, leak, or lead to burns. Please dispose lithium batteries according to the local disposal requirements.

6. TECHNICAL INFORMATION

- Operation principle: Photoelectric
- Voltage: 3V
- Current consumption: 15mA
- Sound volume: 85 dB at a distance of 3 metres
- Operating temperature: 0° to 45°
- Maximum humidity: 90%
- Holding temperature of 3M attachment tape: -35° to 93°.

7. GUARANTEE

Jalo Helsinki Ltd. grants 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 if the defective one is sent to Jalo Helsinki Ltd. If the smoke alarm has been used according to the user instructions and is within the guarantee period, the guarantee covers manufacturing, material and production defects in the product. 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 Jalo Helsinki Ltd, or 3. if the product has been modified or treated with force, or if the receipt is missing. 4. The guarantee does not cover installation or battery replacement costs.

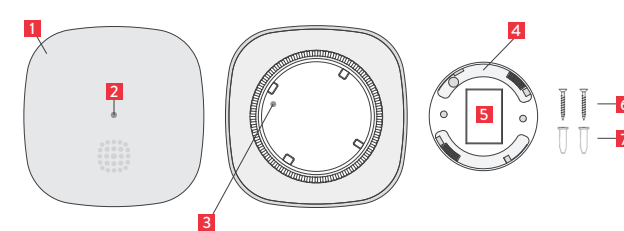
The Manufacturer and Distributor liability does not in any case exceed the price of a new smoke alarm and is not liable for any damage or loss that has been caused by a non-working smoke alarm. This guarantee does not affect rights enacted by law.

Always comply with the requirements of the user manual when using Jalo Helsinki smoke alarm. Do not modify, paint over or cover Jalo Helsinki smoke alarm or attach anything to it unless expressly permitted in the user manual. Always ensure safety of any supplementary product as well as its suitability for use in connection with Jalo Helsinki smoke alarm with the manufacturer of the respective products.

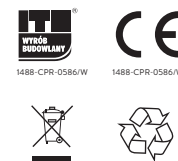
Notwithstanding, Jalo Helsinki Ltd. does not warrant the usability or safety of any supplementary product in connection with Jalo smoke alarm and use of such supplementary products shall be at your sole risk.

Keep Jalo Helsinki smoke alarm clean, and test the device frequently. Replace the device immediately if it is not working properly. Jalo Helsinki smoke alarm requires constant power supply to operate properly.

NB: If you have any problems with the product please contact the Manufacturer.

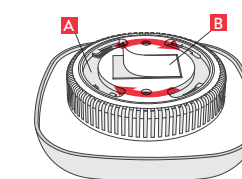


- Whole-surface test button
- Signal light (LED)
- Activation button (activates smoke alarm when connected to the mounting plate on the ceiling)
- Mounting plate
- 3M double-sided tape for attachment
- Screws (2)
- Screw anchors (2)



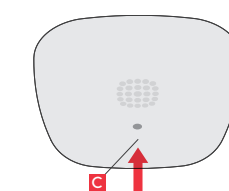
8. QUICK INSTALLATION WITH 3M DOUBLE-SIDED TAPE

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



1. Activate the device by pushing the mounting plate and turning it clockwise at the same time (A). The device 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.

2. Remove the red cover on the double-sided tape (B).

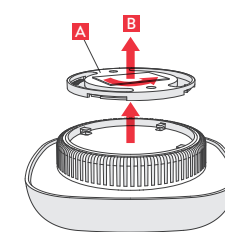


3. Attach the smoke alarm by pressing it firmly against the ceiling for approximately 30 seconds. You may also hear an alarm sound if the test button gets pressed during installation.

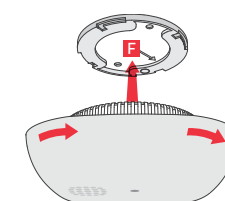
4. Make sure that the smoke alarm is activated by pressing the whole-surface test button (C) for 3 seconds. When the smoke alarm gives an alarm sound, the testing has been performed successfully and your smoke alarm is ready for use.

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

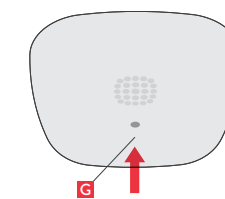
9. INSTALLATION WITH SCREWS



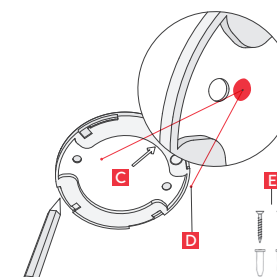
1. Remove the mounting plate of the smoke alarm by turning it counterclockwise (A) and lifting it away (B).



4. Press the smoke alarm against the mounting plate (F) and turn it clockwise until you feel clicks.



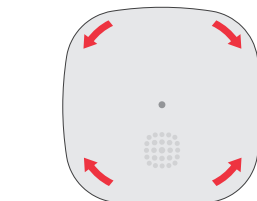
6. Make sure that the smoke alarm is activated by pressing the whole-surface test button for 3 seconds (G). When the smoke alarm gives an alarm sound, the testing has been performed successfully and your smoke alarm is ready for use. The installation is now complete. Test your smoke alarm weekly!



2. To achieve the correct smoke alarm positioning, you can direct your smoke alarm with the aid of the direction arrow (C) on the mounting plate. The arrow indicates the final position of the smoke alarm: square edge for Kupu and head for Lento.

3. Mark and drill holes (D) for the screw anchors (E). Install the mounting plate of the smoke alarm tightly to the ceiling with the screws.

5. You can make small changes in the position of the smoke alarm by turning it a few degrees in the direction you want.



7. (Maintenance) Vacuum the smoke alarm from the grill indicated by the orange area (H) using maximum suction power.



MANUFACTURER INFORMATION
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