Meaningful Innovation.

INSTRUCTION MANUAL

SMOKE DETECTOR

TECHNICAL DATA

MODEL	VT-80036
SKU	24494
VOLTAGE	3V DC
BATTERY CAPACITY	1600mAh (Non-replaceable)
STATIC LIFESPAN	10 Years
STATIC CURRENT	10μA
ALARM CURRENT	70mA
ALARM SOUND	≥85dB (3m)
LOW BATTERY ALARMING VOLTAGE	2.6V
LOW BATTERY ALERT	≥ 30days
WORKING TEMPERATURE	0°C ~ 50°C
IP RATING	IP20
DIMENSION	Ø111x24.5mm



10 YEAR WARRANTY*

INTRODUCTION & WARRANTY

Thank you for selecting and buying V-TAC product. V-TAC will serve you the best. Please read these instructions carefully before starting the installation and keep this manual handy for future reference. If you have any another query, please contact our dealer or local vendor from whom you have purchased the product. They are trained and ready to serve you at the best. The warranty is valid for 10 years from the date of purchase. The warranty does not apply to damage caused by incorrect installation or abnormal wear and tear. The company gives no warranty against damage to any surface due to incorrect removal and installation of the product. This product is warranted for manufacturing defects only.

WARNING

- Installation must be performed by a qualified electrician.
- Do not open, modify, or attempt to repair the device.
- Indoor use only.
- The battery is non-replaceable; do not attempt to remove it.

MULTI-LANGUAGE MANUAL QR CODE

Please scan the QR code to access the manual in multiple languages.



This marking indicates that this product should not be disposed of with other household wastes.

NOTE

EMC(SI 2016/1091) & Construction Products Regulation, as applicable in Great Britain Complaint.

RECOMMENDED INSTALLATION LOCATIONS

Installation must follow local building regulations.
Standards such as BS 5839-6:2013 recommend installing alarms in:

- Hallways and circulation areas
- Bedrooms
- Living rooms
- Landings
- Large rooms (may require multiple alarms)

Install on Every Storey

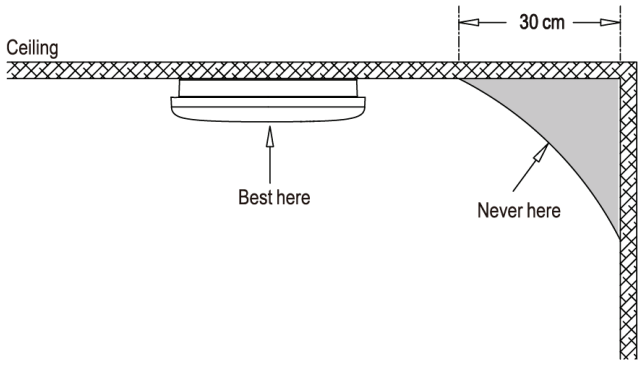
Each floor of the property must have at least one smoke alarm.

Ceiling Placement

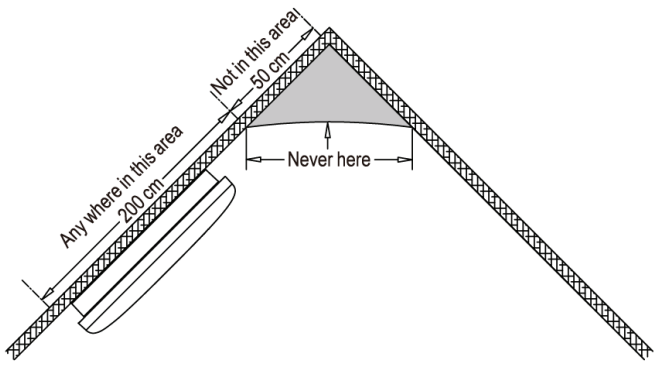
- Install centrally on the ceiling for optimal smoke detection.
- Maintain ≥ 30 cm distance from walls, corners, light fittings, or decorative objects.
- Avoid corners where stagnant air may delay smoke entry.

Sloped Ceilings

- Install the alarm ≥ 50 cm horizontally from the highest point of the ceiling.



Ceiling Placement



Sloped Ceilings

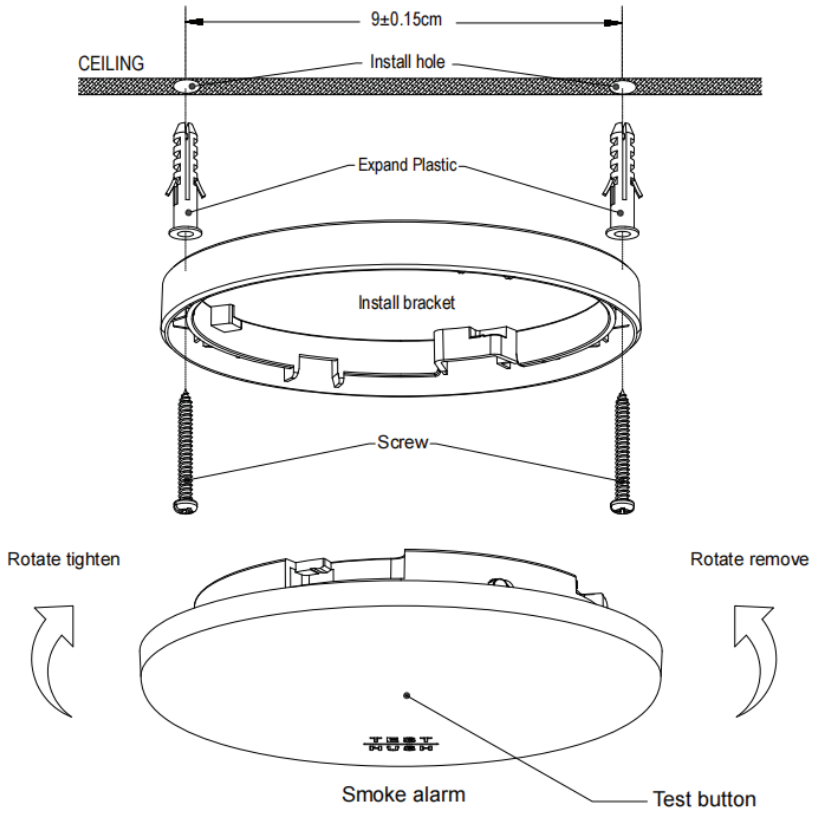
LOCATIONS TO AVOID

Do not install the smoke alarm in:

- Kitchens, bathrooms, garages, or areas with steam, fumes, or cooking smoke
- High-humidity areas (keep ≥ 3 m away from moisture sources)
- Near HVAC vents, air returns, or strong airflow (keep ≥ 1 m distance)
- Areas below 0°C or above 50°C
- Dusty, dirty, greasy, or insect-prone environments
- Directly beside ventilation grilles or louvres

INSTALLATION INSTRUCTIONS

1. Remove the mounting bracket from the alarm.
2. Hold the bracket at the installation point and mark the screw holes.
3. Drill two 6 mm holes and insert the supplied wall plugs.
4. Secure the bracket using the provided screws.
5. Align the alarm with the bracket and rotate clockwise until it locks.
6. A single “DI” beep confirms successful activation.



Important Notes

- Removing the alarm from the bracket disconnects power.
- Reattaching the alarm restores power and triggers a confirmation beep.

TESTING & INDICATORS

Test Button

- The entire upper cover acts as the Test/Hush button.
- Press anywhere on the cover to test the alarm.

Power-On

- A single beep and LED flash indicate successful activation.

Normal Operation

- LED flashes once every 50 seconds.

Test Mode

- Hold the Test button.
- LED flashes once per second and the buzzer sounds.
- Release to exit Test Mode.

Hush Mode

- Press the Test/Hush button during an alarm.
- Alarm is silenced for ~10 minutes.

LED Brightness

- LED brightness adjusts automatically based on ambient light.

Low Battery Warning

- Short beep every 50 seconds
- LED flashes once
- Replace the device (battery is non-replaceable)

Sensor Fault

- Two beeps + two LED flashes every 50 seconds

Buzzer Fault

- Three LED flashes every 50 seconds

Alarm Signal

- LED flashes once per second
- Buzzer pattern: Beep—Beep—Beep, pause, repeat

FIRE EMERGENCY INSTRUCTIONS

- Stay calm and alert all occupants.
- Evacuate immediately using your escape plan.
- Check doors for heat before opening.
- Stay low to avoid smoke inhalation.
- Proceed to your designated assembly point.
- Call emergency services from a safe location.
- Do not re-enter the building until cleared by authorities.

TROUBLESHOOTING

Issue: Alarm does not sound during testing

- Ensure the device is properly installed.
- Clean the alarm.

Issue: Single chirp + LED flash every 50 seconds

- Low battery — replace the device.

Issue: Three LED flashes every 50 seconds

- Buzzer fault — replace the device.

Issue: Two chirps + two LED flashes

- Sensor contamination — clean the device.
- If unresolved, replace the device.

Issue: Frequent nuisance alarms

- Use Hush mode.
- Clean the device.
- Relocate if necessary.

IMPORTANT NOTES

- This product contains battery type "Primary" (non-rechargeable).
- Electrical and electronic equipment that has become waste is known as old equipment/device. Old devices must not be disposed of with other household waste.
- Owners of old devices at the end of its service life must return the device by taking them to the collection points set up by public waste disposal authorities or distributors. This return does not entail any costs for you.
- Owners of old devices have an obligation to remove accessible batteries / rechargeable batteries as well as non-destructively removable lamps from the old device prior to return. This does not apply if old devices are being prepared for reuse with the participation of a public law firm.
- Batteries removed from an old electronic device should be disposed of separately. This return of battery does not entail any costs for you and the user is obliged to return the battery.
- Please make sure that this product is not powered on when removing the battery. Fire hazard! Avoid short-circuiting the contacts of a detached battery. Do not incinerate the battery. Please handle the battery with Caution!
- If electrical appliances or batteries are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.



- The symbol of "Crossed rubbish bins "indicates that this product should not be disposed of with other household wastes and must be collected separately from unsorted municipal waste at the end of its service life.
- Please use the link below to view the online directory of the collection and return points:https://www.ear-system.de/ear-verzeichnis/sammel-und-ruecknahmestellen

V-TAC WEST EUROPE LTD. IN CASE OF ANY QUERY/ISSUE WITH THE PRODUCT, PLEASE REACH OUT TO US AT: SUPPORT@V-TAC.EU
FOR MORE PRODUCTS RANGE, INQUIRY PLEASE CONTACT OUR DISTRIBUTOR OR NEAREST DEALERS.
V-TAC WEST EUROPE LTD. GROUND FLOOR, 71 LOWER BAGGOT STREET, DUBLIN 02, IRELAND DO2 P593

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