

6301000100 Calex Smart Smoke Alarm

Updated 8 months ago



Brian

Important!

First read the entire manual carefully. The manual contains important ones information about the correct use of this smoke detector. Please give me this smoke detector away, please pass along this manual.

The smoke detector is intended for private use.

This photoelectric smoke detector works together with the Calex app for extra functionality such as push notifications, for example when smoke is detected.

Note: Receiving push notifications is a good working method internet connection required.

Limited Warranty

This smoke detector is intended as an alarm to assist the end user in timely detection

detecting smoke. However, the end user remains responsible for this to act correctly in the event of an alarm. Electro Cirkel Retail B.V. is not responsible or liable for damage and/or injury caused by fire, smoke, heat and/or damage caused thereby.

Electro Cirkel Retail B.V. can never be held liable for loss and/or damage of any kind, including incidental and/or consequential damage caused by the signal from the smoke detector in the event of smoke or fire didn't sound.

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As a preventative measure, contact your local fire brigade or designated authority for what you can do in the event of a fire.

Package contents:

Smoke detector
Mounting bracket
Screws (3x)
Plugs (3x)
Manual

Specifications:

Working voltage: 3V (1x CR123A / CR17335 lithium battery)
Visual alarm signal: red LED indicator
Noise level: ≥ 85 dB (at 3 m in a straight line)
Working temperature: 0°C~+55°C
Working humidity: ≤ 95 % RH (no condensation)

Dimensions: Φ 86 x H34.5 mm

Mounting: wall mounting or ceiling mounting

Battery life: 5 years

Fire protection grade: V-0

EN14604:2005/AC:2008

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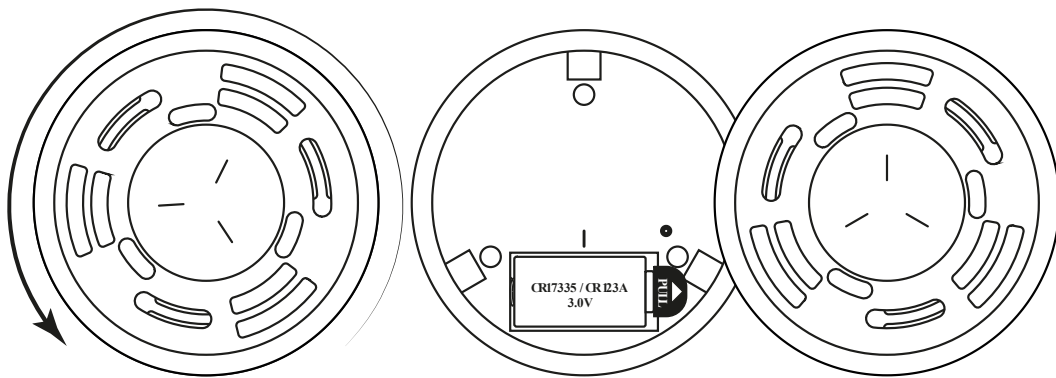
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1 Installing the smoke detector

Battery installation and use

With normal use, the battery lasts 5 years. Never use anyone else's. Please indicate battery type. Wrong batteries or incorrectly installed batteries can explode. If no battery is installed, the smoke detector will not work. Be tightened onto the mounting bracket.

Carefully loosen the mounting bracket. You do this by using one hand to activate the smoke detector and press the mounting bracket with the fingers of your other hand and turn it counterclockwise. Remove the protective tab.



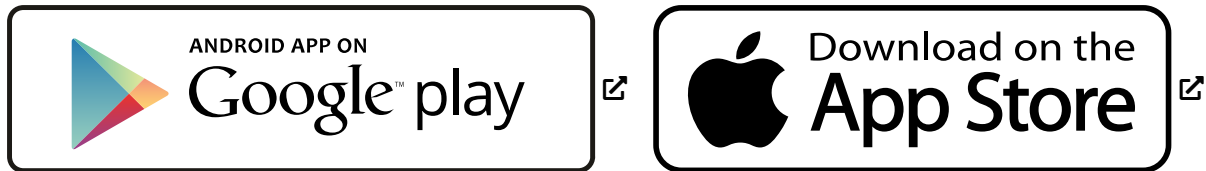
Record the date of installation

There is a sticker on the inside of the bracket. Please state here installation date. The smoke detector must be replaced after 10 years.

Add the smoke detector to the Calnex App

Make a note of your network name and password before you begin. Note: this item Only works on a 2.4 GHz WiFi network, not on a 5 GHz WiFi network. Consult your router's manual for settings.

Download the Calnex Smart app from the Google Play Store, the Apple Store. This you can do this by clicking on one of the logos below when you see it page via your phone.



Open the app. If you are using it for the first time, please follow the instructions on the screen to create your account.

Add via Bluetooth

Do you have Bluetooth on your phone and is it turned on? Then it will be automatically connected after quickly pressing the control button three times.

Add manually

To add this device manually, tap in the top right corner screen on 'add device' (+). Select 'Security' in the left column and choose 'Smoke Sensor' from the list of devices. Then follow the instructions on screen.

Quickly press the control button three times. The LED indicator light turns green flashing. Follow the instructions on the screen.

Add automatically

Quickly press the control button three times. The LED indicator light turns green flash and follow the on-screen instructions.

Test the smoke detector before proceeding with installation

Assembly

Consult **chapter 3** Locations for where to place smoke detectors and where not to place them.

Check whether the screws and plugs supplied are suitable for the surface where you want to place the smoke detector.

1. Use the mounting bracket to assemble the location for the drill holes.
2. Drill the holes and press the plugs into place.
3. Secure the mounting bracket with the screws
4. Place the smoke detector against the mounting bracket and turn it clockwise while pressing gently. You will hear a click when the smoke detector is on his place falls and feels some resistance. Turn the smoke detector a little more continue until this cannot go any further.

Test the smoke detector again

2 Testing and using the smoke detector

The smoke detector works using infrared light. This light detects In addition to smoke, for example, also higher concentrations of water vapor (due to, for example, showering and cooking) and dust (for example due to dust-free activities). comes).

Testing

Please note: if the alarm goes off while you are not performing a test procedure, then the smoke detector detects too high a concentration of smoke, water vapor or dust in the air. Take action immediately.

Always test the smoke detector after installing and replacing the battery and at least once a week. If the test does not work properly, reset it alarm. You do this by pressing the button 3 times in quick succession.

If testing continues to fail, replace the smoke detector immediately.

Make sure you have the smoke detector in sight when you test it.

When testing the smoke detector, keep an arm's length distance. The alarm is very loud.

Use the control knob for testing. The test function performs a complete diagnosis. Do not use any other method to test the smoke detector. This may affect the correct operation of the smoke detector. Never use one open flame to test the smoke detector.

Have you been away for a long time, for example due to holidays? then perform the test for each smoke detector.

Manual testing

You do this by pressing or holding the button for more than 1 second. While If you keep the button pressed, the red LED indicator light will flash quickly. At the same time, the alarm goes off with three short shrill tones. If you click the button releasing it stops the alarm.

Replace battery

When replacing the battery, observe local regulations. Used batteries should not be disposed of with household waste. Discard Batteries only go away when they are completely discharged. Paste the poles of partially discharged batteries to prevent short circuits. Never throw batteries away in an open fire.

Replace the battery immediately when the smoke detector indicates that the battery is low is almost empty (up to 5 years of battery life).

The red LED indicator light flashes every 53 seconds at any time the alarm sounds briefly.

When the battery is removed the smoke detector will not work.

If you use the Calex App, you will also receive a push notification via the app the battery needs to be replaced.

Only replace the battery with an identical type (CR123A / CR17335).

To replace the battery, unscrew the smoke detector from the mounting bracket.

After replacing the battery, the alarm will sound briefly while the red indicator light flashes once.

Test the smoke detector after replacing the battery

Overview of meaning of LED Indicator light(s) and alarm sounds

The smoke detector uses an LED indicator light in combination with an alarm to indicate status. See the table below for the different ones signals:

SITUATION	LED	SOUND
Normal operation	Red LED flashes once every 53 seconds	None
Test	Red LED flashes quickly	Short fast beeps
Alarm	Red LED flashes quickly	Short fast beeps
Low battery	Red LED flashes every 53 seconds	Beep every 53 seconds
Fault	Red LED flashes twice every 53 seconds	None
Temporary silence for alarm condition	Red LED flashes once every 10 seconds (Duration: approx 10 minutes)	None
Temporary silence for low battery warning	Red LED flashes once every 53 seconds (Duration: approx 12 o'clock)	None
Remote silence for alarm condition	Red LED flashes once every 10 seconds (Duration:	None

approx 10 minutes)

Silence function

If you are sure that it is a false alarm, you can silence the alarm by pressing the control button. The smoke detector will sound for 10 minutes remain silent. When there are still too many particles in the air after 10 minutes the alarm will sound again. Test the smoke detector after a false alarm.

Do you frequently experience false alarms? Clean and/or clean the smoke detector check that the chosen location is correct and choose another one if possible location.

Cleaning

Accumulating dirt and grease can affect the operation of the smoke detector. Clean smoke detectors monthly. It is best to do this with a soft one brush. Do not use water, cleaning agents or solvents. These can be the damage smoke detector. If the smoke detector is damaged, replace it. Test the smoke detector after cleaning.

Handling

Do not drop the device. Shock can damage the internal electronics and damage mechanics.

Do not expose the device to excessive heat or cold. Extreme temperatures have a negative influence on the lifespan.

Repairs

You cannot and may not repair or modify this product.

Reset procedure

Press the control button three times in quick succession.

Limitations

However, like any warning device, smoke detectors can only work if they are correctly located, installed and maintained and if smoke the alarms can reach.

- Smoke detectors may not wake up all people.
- Smoke detectors cannot detect a fire if the smoke does not set off the alarms achieved.
- Smoke detectors may not have time to sound before the fire itself causes damage, injury or death, because smoke from some may not reach the unit immediately.
- Smoke detectors are not waterproof. Like any electronic device, its smoke detectors made of components that can wear out at any time or drop out. You should test the device weekly to ensure continued performance to guarantee protection.
- Smoke detectors have a limited lifespan. The device must be used immediately be replaced if it does not work properly. You should always have a smoke detector replaced after 10 years from date of purchase. Write down the purchase date the space provided on the back of the device.

3 Locations

Familiarize yourself with locally applicable laws and regulations

Where you can place smoke detectors

- Determine how many alarms you need and where they are best located to install.
- At a minimum, ensure that smoke detectors are installed between bedrooms and locations with potential fire sources such as kitchens and living rooms.
- To be able to hear the alarm properly, the maximum distance between a bedroom door and the smoke detector are no more than 3 meters.

- The smoke detector will not warn hearing-impaired residents. It is recommended to install special smoke detectors for the hearing impaired.
- Provide extra smoke detectors in bedrooms for fires that can be caused by, for example, a short circuit due to bad wiring, broken appliances/lights or other hazards.
- For the best protection, you should have a smoke detector in every room, except in areas indicated in [section: areas where smoke detectors cannot be used].
- It may be necessary to install more than one smoke detector in a hallway, especially if the corridor is more than 15 meters long. In homes with one floor and two separate sleeping areas, at least two smoke detectors are required, one outside each sleeping area. In multi-storey homes or split levels, at least one smoke detector must be installed on the ground floor between the stairs and the rooms where fire can occur.

Where you cannot place smoke detectors


You can use other alarm systems in these rooms.

DO NOT install smoke detectors:

- In turbulent air flows such as near fans, heaters, doors and windows, etc.
- In areas with high humidity, such as bathrooms and shower rooms. High humidity can set off the alarm.
- In kitchens, boiler rooms, laundry rooms and garages. Combustion particles from cooking or car exhaust fumes and dust and moisture can do it cause alarm.
- In insect infested areas. Small insects can affect performance to influence.
- In very dusty or dirty areas. Dirt and dust can accumulate and adversely affect performance.
- An "A" frame ceiling at the top. 'Dead air' at the top can occur that smoke reaches the alarm in time. Keep 90 cm from the highest point.
- Less than 300 mm (12 in) from the wall when mounted on the ceiling.

- Within 300 mm (12 inches) of lighting fixtures or room corners.
- Within 1500mm (5 feet) of fluorescent fixtures.
- In places where routine testing or maintenance can be dangerous are.
- On poorly insulated ceilings.
- Near objects such as ceiling decorations that are the route of smoke could obstruct the alarm.



[Additional Information](#) 

Comments

0 comments