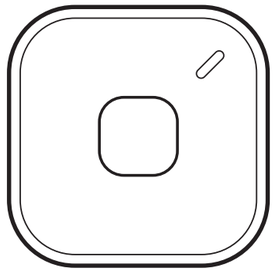
FIRST ALERT

SC5 Wired Smart Smoke & Carbon Monoxide Alarm

SMCO600NV-AC

Quick Start Guide



Enrollment QR Code

PLACE QR STICKER HERE

SUPPORT & WARRANTY

For the latest documentation and online support information, please go to: www.firstalert.com.

For the latest warranty information, please go to: info.firstalert.com/warranty

Manufactured by
Resideo Technologies, Inc.
Scottsdale, AZ 85254
www.resideo.com

M08-0789-000 **L2** 5/25 Rev A

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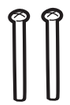
INCLUDED IN THE BOX



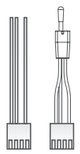
Smoke and CO Alarm



Mounting Plate



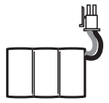
Mounting Screws (#6 x 3/4 in.[19 mm])



Power Connectors



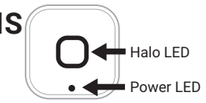
Wire Nuts



Battery (Pre-Installed)

NOTE: Two wire connectors are included in the box. One is for connecting into your homes electrical wiring, the other is for easy installation when replacing a Nest Protect. If replacing a Kidde or FireX alarm an adapter can be purchased separately, if rewiring is not desired. Part numbers are ADK-12 or ADF-12.

LIGHTING FUNCTIONS



SC5_05-V0

Light Behavior	Device Sound	Process
Halo LED: Bootup & Setup		
White Pulse	Welcome Announcements	Bootup process
Blue Pulse	Announcements and Chimes	Ready to connect app
Blue Solid	Announcements and Chimes	Connected to app, ready for setup
Green Flash 2x	Success Chime	Device activity was successful
Red Flash 2X	N/A	Device activity was not successful
Halo LED: Daily Operation		
No Light	N/A	Normal Operation
Halo LED: Alerts, Alarms, & Warning		
Amber Pulse	Voice	Smoke / CO Heads-Up
Red Flash Continuous	Alarm & Voice	Smoke / CO Alarm
Amber Flash	Voice & Chirps	Trouble Condition
Halo LED: Other Functions		
Solid Amber while Holding Button	Voice Announcements and tone	Ready to Reboot
Solid Red while Holding Button	Voice Announcements and Tone	Ready to Factory Reset
White Chase	Voice Announcements and Tone	Processing / Testing
Solid Blue, while Holding Button	Voice Announcements and Tone	Ready to Connect App Again
Power LED Operation		
No Light	N/A	No Power
Green Flash 1x minute	N/A	Backup Power is Connected
Green Solid	N/A	AC Power Is Present
Green Flash 2x minute	N/A	Detector needs cleaning

REQUIREMENTS

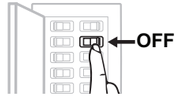
- Read instructions carefully; failure to follow the instructions can damage the product or yourself.
- Check the product information to see if the product is suitable for your application.

Power

Always ensure power is turned off, typically at the breaker box, before beginning installation.

Connectivity

The device supports Wi-Fi connectivity and wireless interconnect with other SC5 and Nest Protect alarms.



1 START WITH THE FIRST ALERT BY RESIDEO APP

If you do not have the First Alert by Resideo app...

1. Download and install the app.
2. Create an account and sign in.

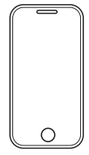
GET IT ON Google Play

Download on the App Store

2 FOLLOW THE INSTRUCTION IN THE APP TO SETUP AND INSTALL YOUR DEVICE

NOTES:

- This product will still function as a standard smoke & carbon monoxide detector if it is not connected to the cloud.
- Complete setup before installing device on the wall or ceiling.



Use the app for step-by-step install and setup instructions.

- From the app choose “Add Device”
- Select your new device from the list
- Follow the in-app instructions



PLACEMENT

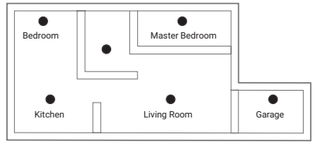
The device should be installed:

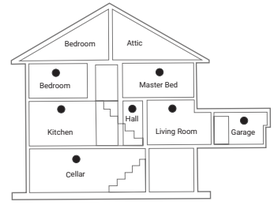
- For Indoor Use Only!
- On every floor (smoke alarms are required by law in certain residences)
- In every room containing a fuel-burning appliance (for CO alarms)
- In every bedroom
- In remote rooms that are used often but which may be too far away for anyone to hear alarm.
- Outside unused rooms, like the boiler room.

Do Not

- Install 10ft (3m) away from hoods or cooking appliances.
- Obstruct space around the device.
- Install in unfinished attics or garages.

NOTE: Alarm can be positioned as desired to align with the walls in your space.

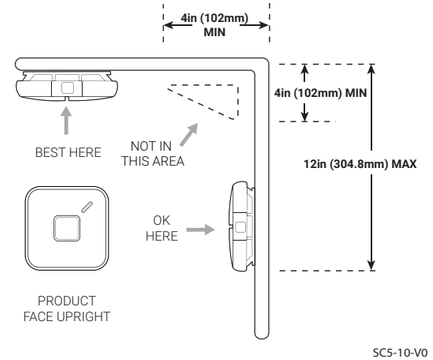




Placement on a sloping ceiling

If you have a sloping, pitched, or cathedral ceiling, the device should be 35 inches (90cm) from the highest peak.



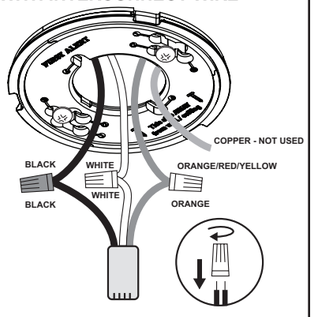


SC5-10-V0

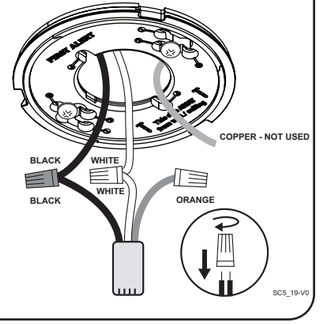
Install in accordance with installation instructions, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction. Check with your local Fire Department for current requirements in your area.

ORANGE WIRE: This is the interconnect wire. It allows all your alarm devices to talk to eachother: if one device alarms, all alarm. If you have a red, orange, or yellow wire in your electrical box, connect this to the orange wire on the new connector.

WITH INTERCONNECT WIRE



WITHOUT INTERCONNECT WIRE



If you are uncomfortable or unfamiliar working with 120V electrical systems and electrical wire, please contact a certified electrician to assist with installation of device.

AGENCY PLACEMENT RECOMMENDATIONS

Standards: Underwriters Laboratories Inc. Single and Multiple Station Smoke Alarms 217.

NFPA 72 CHAPTER 29 "FOR YOUR INFORMATION, THE NATIONAL FIRE ALARM AND SIGNALING CODE, NFPA 72, READS AS FOLLOWS:"

- 29.5.1* Required Detection.
- 29.5.1.1* Where required by other governing laws, codes, or standards for a specific type of occupancy, approved single and multiple-station Smoke Alarms shall be installed as follows:
- *In all sleeping rooms and guest rooms
- *Outside of each separate dwelling unit sleeping area, within 21 ft (6.4 m) of any door to a sleeping room, with the distance measured along a path of travel
- On every level of a dwelling unit, including basements
- On every level of a residential board and care occupancy (small facility), including basements and excluding crawl spaces and unfinished attics
- *In the living area(s) of a guest suite and In the living area(s) of a residential board and care occupancy (small facility)

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CALIFORNIA STATE FIRE MARSHAL (CSFM)
Early warning detection is best achieved by the installation of fire detection equipment in all rooms and areas of the household as follows: A Smoke Alarm installed in each separate sleeping area (in the vicinity, but outside bedrooms), and Heat or Smoke Alarms in the living rooms, dining rooms, bedrooms, kitchens, hallways, finished attics, furnace rooms, closets, utility and storage rooms, basements, and attached garages.

This equipment should be installed in accordance with National Electrical Code, NFPA 70, Standard for the Installation of Residential Fire Warning Systems, CAN/ULC-S540 and Chapter 2 of the National Fire Alarm Code, ANSI/NFPA 72 (National Fire Protection Association, Batterymarch Park, Quincy, MA 02269). Printed information describing proper installation, operation, testing, maintenance, evacuation planning, and repair service is to be provided with this equipment.

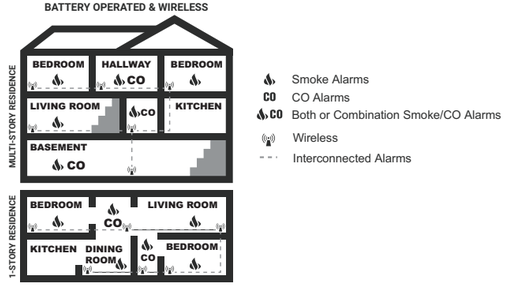
REGULATORY INFORMATION FOR SMOKE ALARMS

RECOMMENDED LOCATIONS FOR SMOKE ALARMS

INSTALLING SMOKE ALARMS IN SINGLE-FAMILY RESIDENCES
The National Fire Protection Association (NFPA), recommends one Smoke Alarm on every floor, in every sleeping area, and in every bedroom. In new construction, the Smoke Alarms must be AC powered and interconnected. See "Agency Placement Recommendations" for details. For additional coverage, it is recommended that you install a Smoke Alarm in all rooms, halls, storage areas, finished attics, and basements, where temperatures normally remain between 40˚ F (4.4˚ C) and 100˚ F (37.8˚ C). Make sure no door or other obstruction could keep smoke from reaching the Smoke Alarms.

More specifically, install Smoke Alarms:
- On every level of your home, including finished attics and basements.
- Inside every bedroom, especially if people sleep with doors closed.
- In the hall near every sleeping area. If your home has multiple sleeping areas, install a unit in each.
- If a hall is over 40 feet (12 meters) long, install an Alarm at each end.
- At the top of the first-to-second level stairway, and at bottom of basement stairway.

IMPORTANT!
Specific requirements for Smoke Alarm installation vary from state to state and from region to region. Check with your local Fire Department for current requirements in your area. It is recommended AC or AC/DC units be interconnected for added protection.



FEDERAL COMMUNICATIONS COMMISSION & ISED STATEMENTS

The user shall not make any changes or modifications to the equipment unless authorized by the Installation Instructions or User's Manual. Unauthorized changes or modifications could void the user's authority to operate the equipment.

NOTE: For Indoor Use Only!

CLASS B DIGITAL DEVICE STATEMENT
This equipment has been tested to FCC requirements and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- If using an indoor antenna, have a quality outdoor antenna installed.
- Reorient or relocate the receiving antenna.
- Move the radio or television receiver away from the receiver/control.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC / ISED STATEMENT
This device complies with Part 15 of the FCC Rules, and ISED's license-exempt RSSs. Operation is subject to the following two conditions:
1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Cet appareil est conforme à la partie 15 des règles de la FCC et exempt de licence RSS d'ISED. Son fonctionnement est soumis aux conditions suivantes:
(1) Cet appareil ne doit pas causer d'interférences nuisibles. (2) Cet appareil doit accepter toute interférence reçue y compris les interférences causant une réception indésirable.

RF EXPOSURE STATEMENT:
The antenna(s) used for this device must be installed to provide a separation distance of at least 7.8 inches (20 cm) from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with FCC and ISED multi-transmitter product procedures.

MISE EN GARDE EXPOSITION AUX FRÉQUENCES RADIO:
La/les antenne(s) utilisée(s) pour cet émetteur doit/doivent être installée(s) à une distance de séparation d'au moins 20 cm (7,8 pouces) de toute personne et ne pas être située(s) ni fonctionner parallèlement à tout autre transmetteur ou antenne, excepté en conformité avec les procédures de produit multi transmetteur FCC et ISED.

MAINTENANCE

Testing Device

Press and release the Test button of device to initiate test. To cancel test, press and release the Test button while test is in progress.



Ensuring full system test with wired and wireless interconnected devices

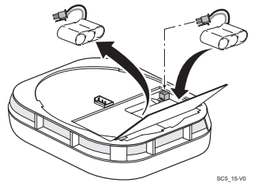
If you have both wired-interconnected devices and wirelessly-interconnected devices, testing should be initiated at an AC powered SC5 smoke alarm. This will ensure all interconnected devices are tested. Starting a test from another device may not test all devices in your location. If using the mobile app to start the test, stand next to an AC powered SC5 alarm to ensure all interconnected devices are tested.

Cleaning Your Device
1. Turn off power to the device at the breaker box.
2. Remove device from the wall or ceiling. Turn it counterclockwise until it comes off the mounting plate.
3. Remove the power connector from the back of the device.
4. Wipe the outside with a clean, slightly damp cloth. Do not use soaps or cleaning solutions.
5. Using a slim vacuum attachment, vacuum the device around the side vents removing all visible debris.
6. Reconnect the power connector to the back of the device.
7. Reattach the device to the mounting plate by turning it clockwise.
8. Turn power back on at the breaker box.
9. Test the device for proper operation.

TROUBLESHOOTING

Reboot , Initiate App Connection, & Factory Reset
- **Reboot:** Hold the Test button for 6-10 seconds until the halo LED light turns Amber.
- **Initiate App Connection:** Hold the Test button for 10-20 seconds until the Halo LED light turns blue.
- **Factory Reset:** Hold the Test button for 20-30 seconds until the halo LED turns red.

Replacing the Battery
NOTES:
- Do NOT remove battery pack to stop/silence an alarm.
- Only use the approved battery pack and contact Warranty Services if low battery conditions exist.



SPECIAL COMPLIANCE CONSIDERATIONS

This Smoke Alarm is suitable for use in apartments, condominiums, townhouses, hospitals, day care facilities, health care facilities, boarding houses, group homes and dormitories provided a primary fire detection system already exists to meet fire detection requirements in common areas like lobbies, hallways, or porches. Using this Smoke Alarm in common areas may not provide sufficient warning to all residents or meet local fire protection ordinances/regulations.

This Smoke Alarm alone is not a suitable substitute for complete fire detection systems in places housing many people—like apartment buildings, condominiums, hotels, motels, dormitories, hospitals, health care facilities, nursing homes, day care facilities, or group homes of any kind. It is not a suitable substitute for complete fire detection systems in warehouses, industrial facilities, commercial buildings, and special-purpose non-residential buildings which require special fire detection and Alarm systems. Depending on the building codes in your area, this Smoke Alarm may be used to provide additional protection in these facilities.

In new construction, most building codes require the use of AC or AC/DC powered Smoke Alarms only. In existing construction, AC, AC/DC, or DC powered Smoke Alarms can be used as specified by local building codes. THIS EQUIPMENT SHOULD BE INSTALLED IN ACCORDANCE WITH THE NATIONAL FIRE PROTECTION ASSOCIATION'S STANDARD 72 (National Fire Protection Association, Batterymarch Park, Quincy, MA 02269). Refer to NFPA 101 (Life Safety Code), local building codes, or consult your Fire Department for detailed fire protection requirements in buildings not defined as "households".

! WARNING!
Changes or modifications to the product, not expressly approved by First Alert, could void the user's authority to operate the equipment.

REGULATORY INFORMATION FOR CO ALARMS

WHAT LEVELS OF CO CAUSE AN ALARM?

Underwriters Laboratories Inc. Standard UL2034 requires residential CO Alarms to sound when exposed to levels of CO and exposure times as described below. They are measured in parts per million (ppm) of CO over time (in minutes).

UL2034 Required Alarm Points*:
If the Alarm is exposed to:
- 400 ppm of CO, IT MUST ALARM BETWEEN 4 and 15 MINUTES.
- 150 ppm of CO, IT MUST ALARM BETWEEN 10 and 50 MINUTES.
- 70 ppm if CO, IT MUST ALARM BETWEEN 60 and 240 MINUTES.

* Approximately 10% COHb exposure at levels of 10% to 95% Relative Humidity (RH).

The unit is designed not to Alarm when exposed to a constant level of 30 ppm for 30 days.

IMPORTANT!
CO Alarms are designed to Alarm before there is an immediate life threat. Since you cannot see or smell CO, never assume it's not present. An exposure to:
- 100 ppm of CO for 20 minutes may not affect average, healthy adults, but after 4 hours the same level may cause headaches.
- 400 ppm of CO may cause headaches in average, healthy adults after 35 minutes, but can cause death after 2 hours.

Standards: Underwriters Laboratories Inc. Single and Multiple Station Carbon Monoxide Alarms UL2034.

According to Underwriters Laboratories Inc. UL2034, Section 1-1. 2: "Carbon monoxide Alarms covered by these requirements are intended to respond to the presence of carbon monoxide from sources such as, but not limited to, exhaust from internal-combustion engines, abnormal operation of fuel-fired appliances, and fireplaces. CO Alarms are intended to Alarm at carbon monoxide levels below those that could cause a loss of ability to react to the dangers of carbon monoxide exposure. " This CO Alarm monitors the air at the Alarm, and is designed to Alarm before CO levels become life threatening. This allows you precious time to leave the house and correct the problem. This is only possible if Alarms are located, installed, and maintained as described in this manual.

Gas Detection at Typical Temperature and Humidity Ranges: The CO Alarm is not formulated to detect CO levels below 30 ppm typically. UL tested for false Alarm resistance to Methane (500 ppm), Butane (300 ppm), Heptane (500 ppm), Ethyl Acetate (200 ppm), Isopropyl Alcohol (200 ppm) and Carbon Dioxide (5000 ppm). Values measure gas and vapor concentrations in parts per million.

Audible Alarm: 85 dB minimum at 10 feet (3 meters).

SPECIFICATIONS

ELECTRICAL SPECIFICATIONS	
Input Voltage	120VAC ~ 60Hz, 0.07A
Battery Type (Replaceable Pack)	3V lithium battery pack (P/N First Alert FA321)
Battery Manufacturer	Panasonic
Sensitivity	UL/ULC limits 2.4%/ft. obs ± 25%
Audible Signal	3 Pulse Temporal (Smoke) & 4 Pulse (CO)
PHYSICAL SPECIFICATION	
Tamper	Cover
Dimensions	5.750 in. (146.05mm) Length x 5.750 in (146.05mm) Width x 1.678 in (42.62mm) Height
Weight (including battery pack, adapter bracket)	14.6 oz (414 g)
Operating Temperature	40° - 100° F (4.4° - 38° C)
Storage Temperature Range	14 - 158° F (-10 - 70° C)
Operating Humidity Range	20-95% RH (Agency Compliance – 93% max.) non-condensing

APPROVAL LISTINGS
FCC/IC
Conforms to: UL 217 & UL 2034

Any attempt to reverse-engineer this device by decoding proprietary protocols, de-compiling firmware, or any similar actions is strictly prohibited.

The product should not be disposed of with other household waste. Check for the nearest authorized collection centers or authorized recyclers. The correct disposal of end-of-life equipment will help prevent potential negative consequences for the environment and human health.