



## USER GUIDE

**Halo – Wired 120VAC (60Hz Max 0.1A) with rechargeable battery  
Smoke and Carbon Monoxide (CO) Alarm**

**Halo+ – Wired 120VAC (60Hz Max 0.1A) with rechargeable battery  
Smoke and Carbon Monoxide (CO) Alarm with Weather Alerts**

NOTE: PLEASE READ THOROUGHLY AND SAVE THIS USER'S GUIDE IN A SAFE PLACE.



COMFORMS TO UL 217 AND UL 2034  
REV 1.4



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## 1 | SPECIAL THANKS

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The Halo+ Smoke and Carbon Monoxide alarm with Weather Alerts was born after the 2011 EF-5 tornado in Joplin, Missouri, hit close to home for one of our co-founders. Today, Halo Smart Labs is a dedicated team working to achieve our mission of making the environment in, and around, every home in the world safer. Thank you for bringing that mission a step closer to reality with your purchase of this Halo alarm.

## 2 | INTRODUCTION TO HALO

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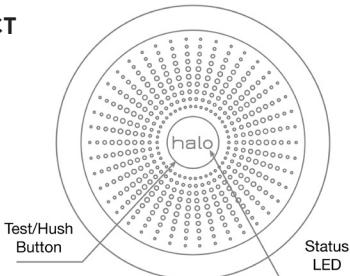
Halo combines industry-leading dual sensor technology (ionization and photoelectric sensors) to detect both smoldering and flaming fires. It can also detect carbon monoxide (CO). Smart sensors can differentiate between a false alarm and a real fire. In addition to detecting emergencies, Halo can also send you mobile notifications when you are away from home. Halo+ is the only smoke alarm to deliver weather and disaster alerts, including tornadoes, floods, and hurricanes.

Halo detects products of combustion using the ionization technique. It contains a maximum of 1.0 micro curie (37kBq) of Americium 241, a radioactive material, distributed under U.S. NRC License No. 32-35253-01E. The purchaser is exempt from any regulatory requirements.

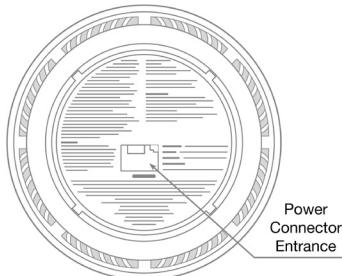
Do not try to repair the smoke alarm yourself. If you have any questions about the operation or installation of your alarm, please contact Halo customer service at (888) 434-HALO (4256). This user guide covers the installation, testing, maintenance, operation and use of Halo and Halo+.

Halo Model Number: SABC1

## 3 | PRODUCT VIEW



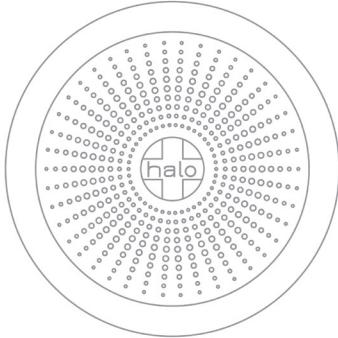
Halo+ Model number: SABDA1



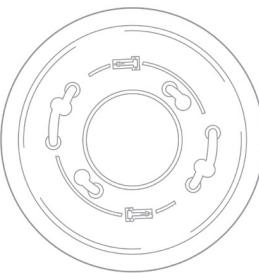
## 4 | INSIDE THE BOX

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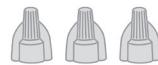
Before you install your Halo, check that the following items are in the box. In the unlikely event that one of the below parts is missing, don't return Halo to the store. Please contact Customer Care at (888) 434-HALO (4256) and we will rush deliver the missing part.



1 Halo Plus



1 Mounting Plate



3 Wire Nuts



2 Mounting Screws



Power Connector  
(120V)

## 5 | REQUIREMENTS

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The following are required to utilize all additional features of Halo, which include the night light control, wireless mobile notification, and room naming:

1. Wi-Fi Network - 802.11 b/g/n 2.4 GHz Network only
2. Halo App for iOS, 9.0 or later or Android, 4.X or later
3. Internet Connection

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### NOTICE!

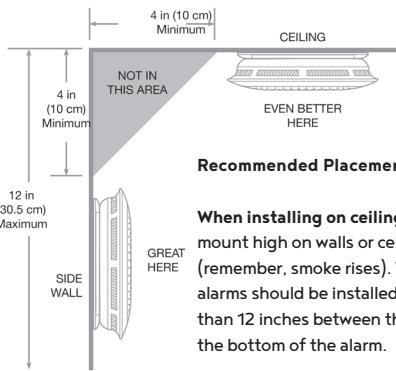
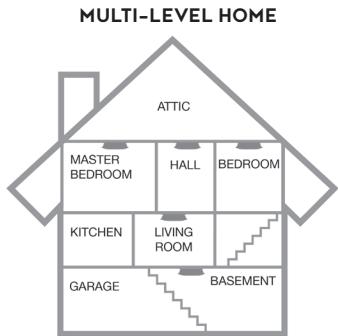
Because Halo devices require connecting to your home electrical network, consider hiring a licensed electrician to complete your installation.

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## 6 | WHERE TO INSTALL

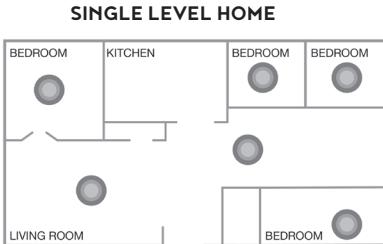
The National Fire Protection Association (NFPA) recommends installing a smoke alarm in the following areas:

1. Inside each bedroom, outside each sleeping area, within 21 feet (6.4 meters) of any door to a sleeping room, and on every level of the home including the basement.
2. On levels without bedrooms, install alarms in the living room/den/family room, and / or near the staircase to another level.
3. Do not install near windows, doors, or ducts where drafts might interfere with their operation.
4. If installing in the basement, place on the ceiling at the bottom of the stairs leading to the next level.
5. Install at least 10 feet (3 meters) from a cooking appliance to reduce chances of false alarms when cooking.

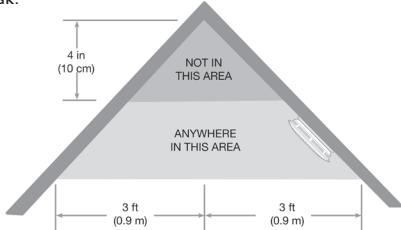


### Recommended Placement

**When installing on ceiling or wall,** mount high on walls or ceilings (remember, smoke rises). Wall-mounted alarms should be installed with no more than 12 inches between the ceiling and the bottom of the alarm.



**When installing on a sloped ceiling,** place device at least 4 inches down from apex of the peak, but within 3 feet from the peak.



## 7 | SET-UP & INSTALLATION

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### 7.1 | GET THE APP

Download the Halo app for your smartphone or tablet to complete your Halo setup.



#### 7.1.1 | INTEGRATE WITH IRIS™

Halo also works with Iris by Lowe's as part of a whole home safety and security system. Using the Iris system will allow you to get notifications from Halo and other Iris compatible devices all in one app\*. To get started, download the Iris app from either the App Store (iOS) or from Google Play (Android) and create an account. Once in your Iris account, click the "+" icon in the upper right corner, select the Halo device from the list and follow the in-app instructions to connect your Halo. To learn more about Iris visit <https://www.irisbylowes.com>. \*some devices may require the installation of an Iris Smart Hub

#### 7.1.2 | PAIRING VIA ZIGBEE

Halo will operate with third party, certified ZigBee devices. Once Halo greets you, it will automatically begin searching for a ZigBee network. Halo will glow for a couple minutes before timing out. To awake, double tap the center button or hold button for approximately 3+ seconds. To reset, hold down center button for approximately 20+ seconds. Halo will reset all ZigBee settings and leave the network. For additional information on ZigBee smart home platforms integration, visit <https://www.halosmartlabs.com>

#### 7.2 | TEST BEFORE YOU INSTALL

Once you're done setting up your Halo via the app, follow the instructions on the app to test your Halo. A self-test can be done without the use of the app by pressing the center Halo button. Your Halo will announce that it is working properly.

#### 7.3 | TURN OFF POWER

Avoid blowing a fuse by switching off the correct circuit breaker for the room where you are installing your Halo.



##### WARNING!

DO NOT stand close to the alarm when the horn is sounding. Exposure at close range may harm your hearing. Always stand at arm's length from the unit when testing.



##### DANGER!

##### ELECTRICAL SHOCK HAZARD.

Failure to turn off the power before installation may result in serious electrical shock, injury or death.

## 7.4 | REMOVE OLD SMOKE ALARM

Make sure the green power light is off on the alarm. You may have to twist the alarm to release it from the wall or ceiling. Remove it carefully to keep from damaging your ceiling or wall.

Note: Your old smoke alarm might make a loud noise when removed. Follow the alarm's disposal instructions to properly dispose of your old smoke alarm.

## 7.5 | REMOVE OLD MOUNTING PLATE

Unscrew the mounting plate from the electrical box. Keep the screws from the old mounting plate.

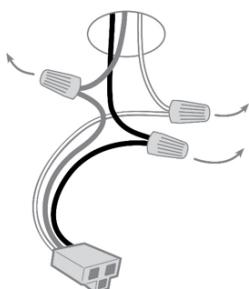
## 7.6 | REMOVE OLD CONNECTOR

Unscrew the wire nuts to detach the 120V power connector from your old smoke alarm. If your wiring colors are not black, red & white, you may want to take a quick photo of the old connector or label the wires in order to perform the next step. Follow the color scheme on your old connector in order to ensure the correct connection!

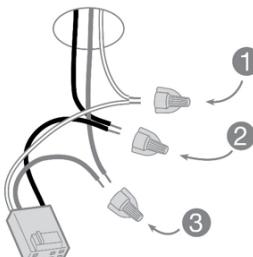
## 7.7 | ATTACH THE HALO POWER CONNECTOR

Holding the white wire ends together, cap them with a wire nut and twist clockwise until it is secure. Do the same with the remaining wires.

7.6



7.7



1	NEUTRAL WHITE	
2	HOT BLACK	
3	INTERCONNECT ORANGE/RED/YELLOW	

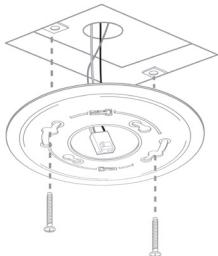


### WARNING!

Improper wiring of the power connector or the wiring leading to the power connector will cause damage to your Halo and may lead to a non-functioning device.

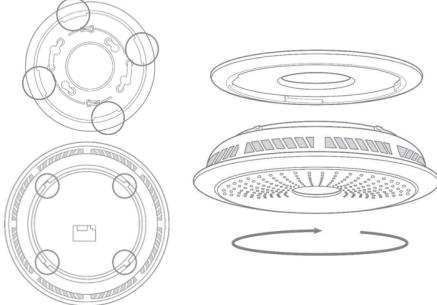
## 7.8 | INSTALL THE HALO MOUNTING PLATE

Screw the Halo mounting plate to the existing electrical box, reusing the existing screws or the ones provided.



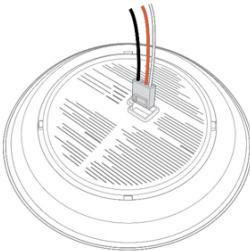
## 7.10 | INSTALL YOUR HALO

First, tuck any excess wiring into the electrical box. Line up the four tabs on the back of your Halo with the notches on the mounting plate. Hold Halo against the mounting plate and turn clockwise. If needed, follow the same steps to install the rest of your Halos.



## 7.9 | CONNECT TO POWER

Plug the 120V power connector into the back of your Halo.

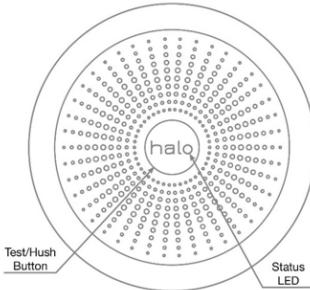


## 7.11 | SWITCH POWER BACK ON

Turn the power back on at the circuit breaker. Confirm the status LED is green. This means the power is on.

## 7.12 | PRESS TO TEST

Press the center Halo button to ensure your Halo is working properly. Your Halo will announce the test results.



### WARNING!

DO NOT stand close to the alarm when the horn is sounding. Exposure at close range may harm your hearing. Always stand at arm's length from the unit when testing.

## 8 | UNDERSTANDING YOUR HALO

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Halo uses different visual and audible alerts to let you know what is happening inside your home. These alerts are in addition to the standard alarm sound, which is triggered by a smoke or carbon monoxide event. Halo will provide audible, verbal alerts, and visual information in the form of colored lights.

### 8.1 | ALERTS

Halo has two different kinds of voice alerts – Pre-Alerts and Emergency Alarms.

**Pre-Alert Notifications:** When smoke levels have increased but have not reached an emergency alarm level, Halo will announce a caution alert as an early warning. Halo will pulse an amber light and tell you the location of the alert. You will receive a push notification on your phone when this occurs.

**Emergency Alarms:** Once the smoke or carbon monoxide has reached critical levels, Halo will begin pulsing red, and begin a specific horn pattern based on the detected emergency. Halo will also announce in the room in which the emergency has been detected. If both smoke and carbon monoxide are present, the smoke alarm will take priority.

### 8.2 | HUSHING

Pre-Alerts and Emergency Alarms can be hushed (silenced) by using the Halo app or pressing the center Halo button. In some cases, the smoke or CO level may be too high for the Emergency Alarm to be hushed. Only silence the alarm when you have checked the conditions surrounding your Halo. Halo will flash white and announce it has been silenced when hushed properly. Do not silence Halo by disconnecting it from the Halo power connector and/or removing its battery. This will result in the alarm being unable to detect smoke or carbon monoxide, leaving your home at risk.

### 8.3 | INTERCONNECT FEATURE

Your Halo Smoke and Carbon Monoxide Alarm can interconnect with other multiple-station Halo alarms. This means that when one Halo raises either a smoke or CO critical level alert, every Halo inside the house will tell you in which room the alert originates. For example, if there is smoke inside the living room, all Halos will announce smoke has been detected in the living room. To silence the alert, go to the room where the alarm was triggered. All of the Halos in the house can be hushed through the alarming Halo. Press the center button on the Halo or use the Halo app to hush the alarm.

**Note: Halo is only approved to interconnect with other Halo products. It is NOT approved to interconnect with any smoke alarms that are not Halo products. If only one Halo is installed in a home, the Halo will only go off when there is an emergency inside the room in which it is installed.**

## 8.4 | VISUAL & AUDIBLE ALERTS

	MEANING	AUDIBLE	VISUAL	WHAT-TO-DO
ALERTS	Smoke levels are rising	"Caution, Smoke Detected."	AMBER PULSES	Put out the source of smoke. Open a window or door to get fresh air
	Carbon Monoxide in the room has reached a critical level	Horn Pattern: 4 beeps, pause, 4 beeps, pause Audible: "Danger, Carbon Monoxide Detected."	FLASHING RED	1. Operate test/hush button or use app to silence 2. Call your fire dept. or 911 3. Move to fresh air 4. Do not reenter the premises until emergency services tells you to do so
	The smoke in the room has reached a critical level	Horn Pattern: 3 beeps, pause, 3 beeps, pause Audible: "Danger, Smoke Detected."	FLASHING RED & WHITE	Evacuate the home immediately
	Halo+ has received a weather radio alert the user has subscribed to	NOAA Alarm Sound, [tune into radio]	FLASHING BLUE	Check the severity of the alert and take appropriate action
SILENCING	You have hushed an alert. Halo will keep quiet unless the smoke or carbon monoxide remain at critical levels.	"Halo is now hushed"	WHITE PULSE	
TEST	Halo will pulse green when test is complete if no issue was found	"Starting self-test. Press to cancel. The alarm will sound. The alarm is loud. 3, 2, 1"	GREEN PULSE	

## 8.5 | HALO KEY FEATURES

### 8.5.1 | Night Light

The night light feature is available via the Halo app. Once the Halo has been set up, you can turn the night light on and off, customize the colors (red not available per UL requirements), vary the brightness and set a timer to shut off in 15 or 30 minutes.

### 8.5.2 | Testing Feature

Even though Halo does perform continuous auto-tests on its sensors, Halo Smart Labs suggests you perform a manual test of your Halo weekly. During a test, Halo will check its sensors, power, emergency alarm, lights, and speaker. When you commence a test, Halo will provide you with a countdown before beginning the test. The alarm will sound and it will be loud, so always stand an arm's length away from the unit when testing.

During your manual test:

1. You will hear the following sequence:  
"Starting self-test. Press to cancel. The alarm will sound. The alarm is loud. 3, 2, 1"
2. Ensure that the alarm sounds and the LED lights illuminate properly.
3. Once the Halo has finished the test, it will inform you about the results. Halo will flash green if the test was successfully passed.

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#### **WARNING!**

- DO NOT stand close to the alarm when the horn is sounding. Exposure at close range may harm your hearing. Always stand an arm's length from the unit when testing.
- If the alarm ever fails to test correctly, contact Halo Support at (888) 434-HALO (4256).
- NEVER use an open flame of any kind to test your Halo. You might accidentally damage or set fire to the unit or to your house.
- NEVER use vehicle exhaust to test your CO alarm! Exhaust may cause permanent damage and will void your warranty.
- DO NOT use a match, cigarette or any other makeshift fire to test the smoke alarm.

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## 8.6 | HALO+ KEY FEATURES

HALO+ is the only smoke and carbon monoxide alarm to deliver weather and disaster alerts for events including tornadoes, floods, and hurricanes. HALO+ will notify you of dangerous conditions based on your preferences, and that means making better-informed decisions about your family's safety. The wide variety of alerts can be customized using your smartphone or tablet.

### 8.6.1 | Using your Weather Radio

HALO+ Weather Radio can only be set up by using the HALO or Lowes Iris™ App. This alarm uses the NOAA Weather Radio (NWR) service that operates on seven frequencies, with different frequencies used in different areas. Inside the app, you are required to provide your location in order to determine your S.A.M.E (Specific Area Message Encoding) County Code. HALO+ uses the S.A.M.E County Code to activate the weather radio during an alert for your specific area only. NOAA Weather Radio works with other federal agencies, including the Emergency Alert System (EAS), to provide complete weather and emergency information. EAS bulletins include alerts about tornadoes, hurricanes, floods, ice/snow storms, and other severe weather. Other emergencies might include: Amber Alerts, hazardous explosions, fires, chemical spills, and other civil emergencies. By using the HALO app, you are able to choose which alerts you wish to receive. Visit support. [halosmartlabs.com](http://halosmartlabs.com) for more information about the weather radio alerts and functionality.

#### 8.6.1.1 | What is NOAA?

NOAA is the National Oceanic and Atmospheric Administration. It was created in 1970 under the Department of Commerce by combining a number of different bureaus and services, such as the U.S. Weather Bureau, the National Satellite Center, and the Bureau of Commercial Fisheries. The main NOAA web page can be found at <http://www.noaa.gov/>.

#### 8.6.1.2 | What is NWR?

NOAA Weather Radio (or NWR) is a public service provided by NOAA as an "all hazards" radio network. In addition to broadcasting weather alerts, NWR also sends non-weather alerts for both natural and man-made hazards. The main National Weather Radio service web page can be found at <http://www.nws.noaa.gov/nwr/>.

#### 8.6.1.3 | What is EAS?

Emergency Alert System (or EAS) sends alerts for imminent life- and property-threatening hazards that are broadcasted with the S.A.M.E. signal and the 1050 Hz warning alarm tone, to indicate cases in which the public has to take immediate action to protect themselves and their property.

#### 8.6.1.4 | What are S.A.M.E County Codes?

NOAA transmits the coded emergency signals using a technique called Specific Area Message Encoding (S.A.M.E.). HALO+ is designed to receive these S.A.M.E. county code transmissions. The National Weather service divides the United States by state and county and assigns a six-digit code number called a Federal Information Processing System code, also known as a S.A.M.E. county code. This will eliminate any alerts that are not within your area of interest.

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#### CAUTION WHEN SELECTING WEATHER ALERTS!

 Emergency Alert System (EAS) may alert at any time of the day. Please be aware that urgent weather alerts may wake people up in the middle of the night.

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## 9 | KEEPING HALO AT ITS BEST

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To keep your Halo in good working order, make sure to do the following:

- Perform manual tests weekly, either by pressing the center Halo button or via the App.
- Eliminate dust buildup by removing Halo from the mounting plate and dusting it with a dry cloth.
- If necessary, use compressed air or a vacuum cleaner hose to blow or vacuum the openings.
- Never use spray cleaning chemicals, detergents, or other solvents near or on your Halo.
- Never spray insect sprays, air fresheners, hairspray, or other aerosols near or on your Halo.
- Keep rooms well ventilated when using household cleaning supplies or similar contaminates.
- Do not paint over it.
- After cleaning, reinstall your alarm.
- Always test your Halo after reinstalling it.

CONDITION	VISUAL	AUDIBLE	MEANING & WHAT TO DO
9.1   TROUBLE SIGNALS	AC Power Failure	Center GREEN LED OFF	N/A Unit is operating on battery back-up. Check the AC power supply.
	Sensor Malfunction	Center LED AMBER ON flashing approximately every 0.5 seconds	Horn Pattern: Short beep approximately every minute. "Problem. Halo has an issue with one of more of its sensors."
	End of Life	Center LED AMBER ON	Horn Pattern: Short beep approximately every 45 secs. "Halo has completed its service life. Please replace it immediately."
	Low Battery	N/A	Horn Pattern: Short beep approximately every minute. "Problem. Please restore power. Halo's rechargeable battery is dangerously low."
	Device Disabled	Light Ring Solid White	Horn Pattern: Short beep "Halo is now successfully disabled."



### WARNING!

Once your Halo has reached its End of Life, you'll no longer be protected from smoke or CO if it is not replaced.



### CAUTION!

Once your Halo has been disabled, you'll no longer be protected from smoke or CO if it is not replaced. Halo will continue to light up white until battery is completely drained.

## 10 | EXPIRATION, RECYCLING, AND DISPOSAL

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Halo should be replaced every ten years. Once your Halo has expired, you will need to recycle it according to local regulations and install a more recent model. Halo will alert you when it is reaching its end of life date. Buy a new Halo/Halo+ alarm and recycle the expired device.

Do not deactivate the alarm until Halo sounds the end of life signal. The end of life signal consists of a short beep every 45 seconds. Once deactivated, the alarm will no longer function and cannot be reactivated.

### 10.1.1 | TURN OFF POWER

For safety purposes, turn power off and make sure the status LED light on the alarm is off.



#### DANGER!

#### ELECTRICAL SHOCK HAZARD

Failure to turn off the power before installation may result in serious electrical shock, injury, or death.

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### 10.1.2 | REMOVE HALO SMOKE ALARM

Twist the alarm to disconnect it from the mounting plate. Unscrew the 3 wire nuts attached to the power connector. Remove the alarm and wire nuts carefully to keep from damaging your ceiling or wall.

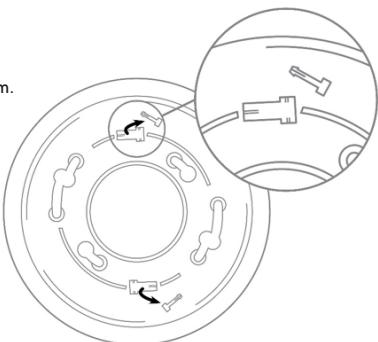
### 10.1.3 | REMOVE THE HALO MOUNTING PLATE

Unscrew the mounting plate from ceiling or wall. Remove the mounting plate carefully to keep from damaging your ceiling or wall.

### 10.1.4 | REMOVE PINS FROM MOUNTING PLATE

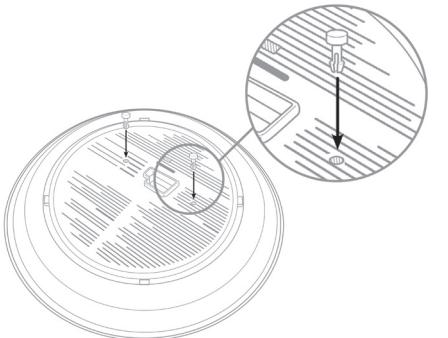
The Halo Mounting Plate has two pins used for disabling the alarm.

Using a small screwdriver or a pair of cutting pliers, remove the two pins from the mounting plate.



### 10.1.5 | INSERT PINS ON THE BACK OF YOUR HALO

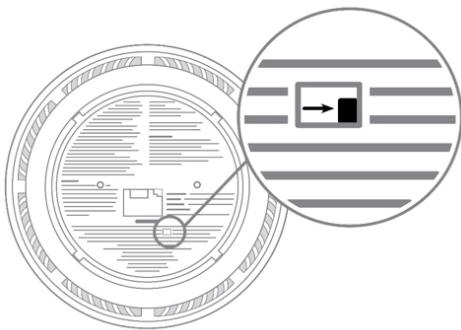
Locate the two circular crosshatched areas on the back of your Halo. Punch through the marked holes with a small screwdriver or paper clip. Insert the two pins into the two holes. When you insert each pin, you will hear a click to let you know the pin has been placed correctly.



### 10.1.6 | SLIDE DEACTIVATION SWITCH

Locate the rectangular crosshatched area on the back of your Halo. Remove part of the sticker using a small screwdriver or paperclip. Locate the black switch on the hole and fully slide it to the corner to complete deactivation. Once switch is pushed, it will no longer be visible. A white light will emit indicating Halo is deactivating and draining the battery.

After 3 hours, the battery will be discharged. The white light will turn off to indicate when draining complete. Once deactivation is complete, the alarm can then be safely disposed of.



#### WARNING!

Do not dispose of your alarm before battery is fully discharged. This may take up to 3 hours. The white light will turn off to indicate when draining complete.



#### CAUTION!

Alarm may get hot while the battery discharges.

## 11 | ALARM LIMITATIONS

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### 11.1 | LIMITATIONS OF SMOKE ALARMS

Smoke alarms play a key role in reducing deaths caused by home fires worldwide. However, smoke alarms can only work if they are properly located, installed, and maintained, and if smoke reaches them.

#### **WARNING: PLEASE READ CAREFULLY AND THOROUGHLY**

1. **Smoke Alarms may not wake all individuals.** Create an escape plan and practice fire drills with all members of the family at least twice a year. Make sure everyone is involved.
2. **Smoke Alarms cannot work without power.** Halo cannot work during long power outages once the backup battery is dead. Halo will warn you when the rechargeable battery is low on power.
3. **Smoke Alarms cannot detect fires if the smoke does not reach the alarms.** This is why it's suggested to have a smoke alarm in each bedroom and in the hallways, as bedroom doors may be closed at night.
4. **Smoke Alarms may not sense smoke from another level of the home.**
5. **Smoke Alarms may not be heard.** Though Halo comes with a loud alarm horn of 85 decibels, it may not be heard if:
  - 1) Residents are under the influence of alcohol or drugs,
  - 2) Alarm is drowned by noise from stereo, TV, traffic, air conditioners or other appliances,
  - 3) Residents are hearing impaired or sound sleepers. Special smoke alarms should be installed for those who are hearing impaired. This smoke alarm is not intended to alert hearing impaired residents.
6. **Smoke Alarms have a limited life.** The unit should be replaced immediately if it is not operating properly. You should always replace a Smoke Alarm after 10 years from your purchase date. Write the purchase date on the space provided on back of unit.
7. **Smoke Alarms cannot prevent or extinguish fires.** They are not a substitute for property or life insurance.

**Note: There are situations in which a smoke alarm may not be effective to protect against fire as noted by NFPA and UL. For example:**

- Smoking in bed
- Leaving children unsupervised
- Cleaning with flammable liquids, such as gasoline
- Fires where the victim is intimate with a flaming initiated fire; for example: when a person's clothes catch fire while cooking
- Fires where the smoke is prevented from reaching the detector due to a closed door or other obstructions
- Incendiary fires where the fire grows so rapidly that an occupant's egress is blocked even with properly located detectors

## 11.2 | LIMITATIONS OF CARBON MONOXIDE (CO) ALARMS

CO alarms play a key role in reducing deaths resulting from CO Poisoning. However, CO Alarms can only work if they are properly located, installed, and maintained, and if CO reaches them. If they are not properly maintained, are improperly ventilated, or malfunction, CO levels may not be properly detected.

Halo has a fixed setting for CO sensitivity at 30 to 700ppm ± 10ppm

### **WARNING: PLEASE READ CAREFULLY AND THOROUGHLY**

1. NEVER ignore your carbon monoxide alarm if it alarms. Failure to do so can result in injury or death.
2. CO Alarms may not waken all individuals. Create an escape plan and practice with all members of the family at least twice a year. Make sure everyone is involved.
3. CO Alarms cannot work without power. Battery operated units cannot work if the batteries are missing, dead or disconnected. If the unit is wired, the CO alarms cannot work during long power outages once the backup battery is dead. Halo will warn you in advance if the rechargeable battery is low.
4. CO Alarms cannot detect CO if the CO does not reach the alarms. Because bedroom doors may be closed at night, it's suggested homes have a CO alarm in each bedroom and in the hallways.
5. CO Alarms may not be heard. Though Halo comes with a loud alarm horn of 85 decibels, it may not be heard if:
  - a. Residents are under the influence of alcohol or drugs,
  - b. Alarm is drowned by noise from stereo, TV, traffic, air conditioner or other appliances,
  - c. Residents are hearing impaired, or sound sleepers. Special CO alarms should be installed for those who are hearing impaired. This CO alarm is not intended to alert hearing impaired residents.
6. CO Alarms have a limited life. The unit should be replaced immediately if it is not operating properly. You should always replace a CO Alarm after 10 years from date of purchase. Write the purchase date on the space provided on back of unit.
7. CO Alarms are not a substitute for property or life insurance.
8. CO Alarms are not foolproof. Like all other electronic devices, CO alarms have limitations. They can only detect CO that reaches their sensors. They may not give early warning to rising CO levels if the CO is coming from a remote part of the home, away from the CO alarm.
9. The hush feature is for your convenience only and will not correct a CO problem. Take immediate action when carbon monoxide alarm goes off. Failure to do so can result in injury or death.

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### **WARNING!**



Some individuals are more sensitive to CO than others. People with cardiac or respiratory problems, infants, unborn babies, pregnant mothers, or elderly people can be more quickly and severely affected by CO. Members of sensitive populations should consult their doctors for advice on taking additional precautions.

## 11.3 | LIMITATIONS OF WEATHER RADIO

Weather Radios are key to receive alerts about: tornadoes, hurricanes, and other severe weather. Halo+ can only work if they are properly located, installed, and maintained.

### WARNING: PLEASE READ CAREFULLY AND THOROUGHLY

1. NEVER ignore your Halo+ if it alarms. Failure to do so can result in injury or death.
2. Halo+ may not waken all individuals.
3. Halo+ alarms cannot work without power. Halo+ Weather Radio feature is disabled during long power outages once the backup battery reaches a low power level.
4. Halo+ alarms may not be heard due to the following:
  - a. Residents are under the influence of alcohol or drugs.
  - b. Alarm is drowned by noise from stereo, TV, traffic, air conditioner or other appliances.
  - c. Residents are hearing impaired, or sound sleepers. Special weather radios should be installed for those who are hearing impaired. This weather radio is not intended to alert hearing impaired residents.
5. Halo+ alarms have a limited life. The unit should be replaced immediately if it is not operating properly. You should always replace a Halo+ Alarm after 10 years from date of purchase. Write the purchase date on the space provided on back of unit.
6. Halo+ alarms are not a substitute for property or life insurance.
7. Halo+ alarms are not foolproof. Like all other electronic devices, Halo+ alarms have limitations. Halo+ can only play the weather radio alerts if the unit receives the radio broadcast alert on the station the device was tuned to and the alert has been selected by the user inside the app.
8. The hush feature is for your convenience only and will not correct a weather radio related problem. Take immediate action when alarm goes off. Failure to do so can result in injury or death.

## 12 | NFPA REQUIRED PROTECTION

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The National Fire Protection Association's Standard 72 provides the following information:

**Smoke Detection** - Where required by applicable laws, codes, or standards for the specified occupancy, approved single- and multiple-station smoke alarms shall be installed as follows:

1. In all sleeping rooms and guest rooms,
2. Outside of each separate dwelling unit sleeping area, within 6.4 m (21 ft.) of any door to a sleeping room, the distance measured along a path of travel,
3. On every level of a dwelling unit, including basements,
4. On every level of a residential board and care occupancy (small facility), including basements and excluding crawl spaces and unfinished attics,
5. In the living area(s) of a guest suite,
6. In the living area(s) of a residential board and care occupancy (small facility).

Smoke Detection – Are more smoke alarms desirable? The required number of smoke alarms might not provide reliable early warning protection for areas separated by a door from the areas protected by the required smoke alarms. For this reason, it is recommended that the householder consider the use of additional smoke alarms for those areas in order to increase protection. The additional areas include the basement, bedrooms, dining room, furnace room, utility room, and hallways not protected by the required smoke alarms. The installation of the smoke alarms in the kitchen, attic (finished or unfinished), or garage is normally not recommended, as these locations occasionally experience conditions that can result in improper operation. This equipment should be installed in accordance with the National Fire Protection Association's Standard 72 (NFPA, Batterymarch Park, Quincy, MA 02269).

## **12.1 | WHERE NOT TO INSTALL SMOKE ALARMS**

1. Avoid installation of unit near products of combustion. For example, in the garage. This could create false alarms.
2. Avoid in air streams near kitchen.
3. Do not install in direct sunlight.
4. Do not install in areas extremely dusty, dirty or greasy.
5. Do not install in areas where temperature is colder than 40°F (4.4°C) or exceeds 100°F (37.8°C).
6. Do not install in areas that are very damp, humid or steamy, or near bathrooms with showers.
7. Do not install near fresh air vents, ceiling fans or in very drafty areas.
8. Do not install in insect infested areas.
9. Do not install in dead air spaces, such as peaks of vaulted ceilings. This may prevent smoke from reaching the smoke alarm.

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### **WARNING!**



This product is intended for use in ordinary indoor locations of family living units. It is not designed to measure compliance with Occupational Safety and Health Administration (OSHA) commercial or industrial standards.

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## **12.2 | WHERE NOT TO INSTALL CO ALARMS**

1. Do not install in areas where the temperature is colder than 40°F (4.4°C) or exceeds 100°F (37.8°C).
2. Do not install within 5ft. (1.5m) of heating or cooking appliances. (Halo Smart Labs recommends 15ft to prevent false alarms.)
3. Do not install in direct sunlight.
4. Do not obstruct the vents on this alarm. Do not place the alarm where drapes or other objects block the air flow.
5. Do not install this unit in dead air spaces, such as peaks of vaulted ceilings. CO may not reach the sensor in time to provide early warning.
6. Do not install near ceiling fans or areas directly exposed to the weather.
7. Do not install in areas that are very damp, humid or steamy, or near bathrooms with showers.

## 12.3 | WHERE NOT TO INSTALL WEATHER RADIO (HALO+)

1. Do not install near kitchen.
2. Avoid installing near electrical/electronic devices.
3. Avoid installing near metal objects as it could interfere with the radio reception.



### CAUTION!

Weather Radio station quality may vary around your home.

Double check stations quality after installing on ceiling or wall.

## 13 | WHAT YOU NEED TO KNOW ABOUT CARBON MONOXIDE (CO)

### 13.1 | WHAT IS CO?

CO is an invisible, odorless, tasteless gas produced when fossil fuels do not burn completely, or are exposed to heat (usually fire).

These fuels include: wood, coal, charcoal, oil, natural gas, gasoline, kerosene, and propane.

Common appliances are often sources of CO. If they are not properly maintained, are improperly ventilated, or malfunction, CO levels can rise quickly. CO is a real danger in homes that are more energy efficient. "Air-tight" homes with added insulation, sealed windows, and other weatherproofing can "trap" CO inside. Electrical appliances typically do not produce CO.

**Note: Individuals with medical problems may consider using warning devices that provide audible and visual signals for carbon monoxide concentrations under 30ppm.**

### 13.2 | SYMPTOMS OF CO POISONING

These symptoms are related to CO POISONING and should be discussed with ALL household members.

- **Mild Exposure:** Slight headache, nausea, vomiting, fatigue ("flu-like" symptoms).
- **Medium Exposure:** Throbbing headache, drowsiness, confusion, fast heart rate.
- **Extreme Exposure:** Convulsions, unconsciousness, heart and lung failure. Exposure to carbon monoxide can cause brain damage, and/or death.

Many cases of reported CARBON MONOXIDE POISONING indicate that while victims are aware they are not well, they become so disoriented they are unable to save themselves by either exiting the building or calling for assistance. Young children and household pets are typically the first affected.



### WARNING!

Some individuals are more sensitive to CO than others. People with cardiac or respiratory problems, infants, unborn babies, pregnant mothers, or elderly people can be more quickly and severely affected by CO. Individuals with medical problems should consider using detection devices with lower CO<sub>h</sub>B alarming capabilities. Members of sensitive populations should consult their doctors for advice on taking additional precautions.

### 13.3 | FINDING THE SOURCE OF CO AFTER AN ALARM

Carbon monoxide is an odorless, invisible gas, which often makes it difficult to locate the source of CO after an alarm. These are a few of the factors that can make it difficult to locate sources of CO:

1. House is well ventilated before the investigator arrives,
2. Problem caused by "backdrafting",
3. Transient CO problem caused by special circumstances.

Because CO may dissipate by the time an investigator arrives, it may be difficult to locate the source of CO.

### 13.4 | POTENTIALS SOURCES OF CO

1. Fuel-burning appliances like: portable heaters, gas or wood burning fireplace, gas kitchen range or cooktop, gas clothes dryer
2. Damaged or insufficient venting, corroded or disconnected water heater vent pipe, leaking chimney pipe or flue, or cracked heat exchanger, blocked or clogged chimney opening
3. Improper use of appliance/device: operating a barbecue grill or vehicle in an enclosed area (like a garage or screened porch)
4. Transient CO Problems: "transient" or on-again-off-again CO problems can be caused by outdoor conditions and other special circumstances. The following conditions can result in transient CO situations:
  - a. Excessive spillage or reverse venting of fuel appliances caused by outdoor conditions such as:
    - i. Wind direction and/or velocity, including high, gusty winds. Heavy air in the vent pipes (cold/humid air with extended periods between cycles),
    - ii. Negative pressure differential resulting from the use of exhaust fans,
    - iii. Several appliances running at the same time competing for limited fresh air,
    - iv. Vent pipe connections vibrating loose from clothes dryers, furnaces, or water heaters,
    - v. Obstructions in or unconventional vent pipe designs, which can amplify the above situations.
  - b. Extended operation of unvented fuel burning devices (range, oven, fireplace).
  - c. Temperature inversions, which can trap exhaust close to the ground.
  - d. Car idling in an open or closed attached garage, or near a home.

These conditions are dangerous because they can trap exhaust in your home. Since these conditions can come and go, they are also hard to recreate during a CO investigation.

### 13.5 | PREVENTIVE STEPS

A CO Alarm is an excellent means of protection. It monitors the air and sounds a loud alarm before Carbon Monoxide levels become threatening for average, healthy adults. A CO Alarm is not a substitute for proper maintenance of home appliances. To help prevent CO problems and reduce the risk of CO poisoning:

1. Clean chimneys and flues yearly. Keep them free of debris, leaves, and nests for proper air flow. Also, have a professional check for rust and corrosion, cracks, or separations. These conditions can prevent proper air movement and cause back-drafting. Never "cap" or cover a chimney in any way that would block air flow.
2. Test and maintain all fuel-burning equipment annually. Many local gas or oil companies and HVAC companies offer appliance inspections for a nominal fee.
3. Make regular visual inspections of all fuel-burning appliances. Check appliances for excessive rust and scaling. Also check the flame on the burner and pilot lights. The flame should be blue. A yellow flame means fuel is not being burned completely and CO may be present. Keep the blower door on the furnace closed. Use vents or fans when they are available on all fuel-burning appliances. Make sure appliances are vented to the outside. Do not grill or barbecue indoors, in garages, or on screen porches.
4. Check for exhaust back-flow from CO sources. Check the draft hood on an operating furnace for a backdraft. Look for cracks on furnace heat exchangers.
5. Keep windows and doors open slightly. If you suspect that CO is escaping into your home, open a window or a door. Opening windows and doors can significantly decrease CO levels.

### 13.6 | 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:

1. At 70ppm, the unit must alarm within 60–240 minutes.
2. At 150ppm, the unit must alarm within 10–50 minutes.
3. At 400ppm, the unit must alarm within 4 to 15 minutes.

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



#### CAUTION!

The alarm only indicates the presence of carbon monoxide gas at the sensor.

Carbon monoxide gas may be present in other areas.



#### WARNING

This carbon monoxide alarm is designed to detect carbon monoxide from any source of combustion. It is NOT designed to detect any other gas.

## 14 | SAFETY PRECAUTIONS

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### 14.1 | CREATE & IMPLEMENT AN ESCAPE PLAN

- Make a floor plan indicating all doors and windows.
- Determine two escape routes from each room.
- Have a family meeting and discuss your escape plan, showing everyone what to do in case of fire.
- Determine a place outside your home where you all can meet in case of an emergency.
- Familiarize everyone with the sound of the smoke and carbon monoxide alarms, explaining what each alarm sound indicates.

### 14.2 | WHAT TO DO IN CASE THE SMOKE ALARM SOUNDS

1. If the unit alarms and you are not testing the unit, it is warning you of a potentially dangerous situation that requires your immediate attention. NEVER ignore any alarm. Ignoring alarm may result in injury or death.
2. If the unit alarms, get everyone out of the house immediately.

### 14.3 | WHAT TO DO IN CASE OF A FIRE

1. Get out!
2. Don't panic; stay calm. Follow your family escape plan.
3. Leave the house as quickly as possible. Don't stop to get dressed or collect anything.
4. Feel doors with the back of your hand before opening them. If a door is cool, open it slowly. Don't open a hot door. Keep doors and windows closed, unless you must escape through them.
5. Cover your nose and mouth with a cloth (preferably damp). Take short, shallow breaths.
6. Meet at your planned meeting place outside your home, and do a head count to make sure everybody got out safely. Call the Fire Department or 911 as soon as possible from outside. Give your address, then your name.
7. Never go back inside a burning building for any reason.
8. Contact your local Fire Department for ideas on making your home safer.

### 14.4 | WHAT TO DO IN CASE OF CO ALARM

1. Operate test/hush button or use app to silence.
2. Call your emergency services, fire department, or 911.
3. Immediately move to fresh air – outdoors or by an open door/window. Do not re-enter the premises, or move away from the open door or window until the emergency services responder has arrived, the premises have been aired out, and your CO alarm returns to its normal condition.
4. After following steps 1 through 3, if your CO alarm reactivates within a 24-hour period, repeat steps 1 through 3 and call a qualified appliance technician to investigate for sources of CO from fuel-burning equipment and appliances, and inspect for proper operation of this equipment. If problems are identified during this inspection, have the equipment serviced immediately. Note any combustion equipment not inspected by the technician and consult the manufacturers' instructions, or contact the manufacturer directly for more information about CO safety and this equipment. Make sure that motor vehicles are not, and have not been, operating in an attached garage or adjacent to the residence.



## WARNING!

If your CO alarm indicates the presence of carbon monoxide (CO), enough CO is present to KILL YOU. NEVER ignore your carbon monoxide alarm if it alarms. Failure to do so can result in injury or death.

### 14.5 | WHAT TO DO IN CASE OF WEATHER ALERTS

1. Check the severity of the alert by listening closely to its description, affected areas, and lifesaving directives.
2. Operate test/hush button or use app to silence.
3. Take appropriate action based on the EAS alert.

#### Example!

If a Tornado Warning is issued, it means a developing tornado has been detected by the National Weather Service Doppler radar or a reliable report of a tornado has been reported. In these cases, you should seek a safe shelter immediately.

### 14.5.1 | BEING PREPARED FOR ANY DISASTER

In the wake of a natural disaster, local officials and emergency personnel will be on scene but may not be able to reach you immediately. This means you need to have the necessary items on hand to help you survive until help arrives. Experts suggest having an emergency kit prepared that will help you survive for 3 days, but there might be times you need to survive on your own for as long as a week.

Here is our recommended list of items you should have in your basic Emergency Kit:

- Water – one gallon of water per person per day for at least three days
- Food – at least a three-day supply of non-perishable food
- Can opener for food
- Flashlight and extra batteries
- First aid kit
- Whistle to signal for help
- Dust mask and plastic sheeting, to help filter contaminated air
- Duct tape to keep shelter in place
- Moist towelettes, garbage bags, and plastic ties for personal sanitation
- Wrench or pliers to turn off utilities
- Cell phone with chargers, inverter or solar charger
- Sleeping bag or warm blanket for each person

### 14.6 | PRACTICE FIRE SAFETY

Practice a fire drill twice a year, including fire drills at night. Ensure that small children hear the alarm and wake when it sounds. They must wake up in order to execute the escape plan. Practice allows all occupants to test your plan before an emergency. Current studies have shown smoke alarms may not wake all sleeping individuals. It is the responsibility of individuals in the household capable of assisting others to provide assistance to those who may not be awakened by the alarm sound, or to those who may be incapable of safely evacuating the area unassisted.

## 15 | ELECTRICAL SHOCK HAZARDS

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### **WARNING: PLEASE READ CAREFULLY AND THOROUGHLY**

1. Before beginning installation, turn off power to the area where you will install your Halo. Failure to turn off the power before installation may result in electrical shock, serious injury, or death.
2. Improper wiring of the power connector or the wiring leading to it will cause damage to the alarm and may lead to a non-functioning alarm. Removing the alarm without turning off the power will also cause damage/may lead to a non-function alarm.
3. Improper wiring of the power connector or the wiring leading to the power connector will cause damage to the alarm and may lead to a non-functioning alarm.
4. Do not restore power until all alarms are completely installed. Restoring power before completing installation may result in serious electrical shock, injury, or death.
5. If any unit does not alarm, TURN OFF POWER and recheck connections. If it does not alarm when you restore power, contact Halo customer service at (888) 434-HALO (4256) immediately.
6. Attempting to disconnect the power connector from the unit when the power is on may result in electrical shock, serious injury, or death.
7. This unit must be powered by a 24-hour, 120V AC sine wave, 60Hz 0.1A circuit. Be sure the circuit cannot be turned off by a switch, dimmer, or ground fault circuit interrupter.
8. Never disconnect the power from an AC-powered unit to stop an unwanted alarm. Instead, open a window or fan the smoke away from the unit. The alarm will reset automatically when it returns to normal operation.

## 16 | CALIFORNIA STATE FIRE MARSHALL

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As stated by the California State Fire Marshal, "Early warning fire 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 of, but outside of the bedrooms), and heat or smoke detectors in the living rooms, dining rooms, bedrooms, kitchens, hallways, attics, furnace rooms, closets, utility and storage rooms, basements and attached garages."

## 17 | NUCLEAR REGULATORY COMMISSION (NRC) INFORMATION

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Ionization smoke alarms use a very small amount of a radioactive element in the sensing chamber to enable detection of visible and invisible combustion products. The radioactive element is safely contained in the chamber and requires no adjustments or maintenance. This smoke alarm meets or exceeds all government standards. It is manufactured and distributed under license from the U.S. Nuclear Regulatory Commission.

## 18 | FEDERAL COMMUNICATIONS COMMISSION (FCC) COMPLIANCE STATEMENT

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This equipment has been tested 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:

- Reorient or relocate the receiving antenna.
- 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.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference
2. This device must accept any interference received, including interference that may cause undesired operation.

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### WARNING!

Changes or modifications that are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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### 18.1 | RF EXPOSURE INFORMATION

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm during normal operation.

## 19 | MOBILE NOTIFICATIONS

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Halo requires a functional Wi-Fi connection to send push notifications. Your smartphone or tablet requires a functional Wi-Fi connection to receive these notifications. They are only as reliable as your home's Wi-Fi network and are not a substitute for a third party emergency monitoring services.

## 20 | COPYRIGHT AND TECHNICAL SPECIFICATIONS

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## 21 | SERVICE AND WARRANTY

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If after reviewing this manual you feel that your Halo is defective in any way, do not tamper with the unit.

Return unit for servicing by calling 1-888-434-HALO (1-888-434-4256).

or sending your unit to Halo Smart Labs, 520 Eagleton Downs Dr. Suite B. Pineville, NC 28134

## 22 | HALO SMART LABS LIMITED WARRANTY

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THIS LIMITED WARRANTY CONTAINS IMPORTANT INFORMATION ABOUT YOUR RIGHTS AND OBLIGATIONS, AS WELL AS LIMITATIONS AND EXCLUSIONS THAT MAY APPLY TO YOU.

1. **WHAT THIS LIMITED WARRANTY COVERS; PERIOD OF COVERAGE.** White Stagg, LLC d/b/a Halo Smart Labs. ("Halo Smart Labs"), 520 Eagleton Downs Dr. Suite B. Pineville, NC 28134, warrants to the owner of the enclosed product that the product contained in this box ("Product") will be free from defects in materials and workmanship for a period of three (3) years from the date of delivery following the original retail purchase (the "Warranty Period"). This is your sole and exclusive remedy for breach of this Limited Warranty. Any Product that has either been repaired or replaced under this Limited Warranty will be covered by the terms of this Limited Warranty for the longer of (a) ninety (90) days from the date of delivery of the repaired Product or replacement Product, or (b) the remaining Warranty Period. This Limited Warranty is transferable from the original purchaser to subsequent owners, but the Warranty Period will not be extended in duration or expanded in coverage for any such transfer.
2. **WHAT HALO SMART LABS WILL DO.** If the Product fails to conform to this Limited Warranty during the Warranty Period, Halo Smart Labs will, at its sole option, provide one of the following three remedies to whatever extent it will deem necessary to satisfy a proper claim under this limited warranty.
  - (a) Replace any defective Product or component. Replacement may be made with a new or refurbished product or components, at Halo Smart Labs' sole discretion. If the Product or a component incorporated within it is no longer available, Halo Smart Labs may, at Halo Smart Labs' sole discretion, replace the Product with a similar product of similar function.
  - (b) Elect to repair or facilitate the repair of any defective parts within a reasonable period of time, free of any charge for the necessary parts and labor to complete the repair and restore this product to its proper operating condition. Repair may be made with a new or refurbished product or components, at Halo Smart Labs' sole discretion. Halo Smart Labs will also pay the shipping costs necessary to return this product once the repair is complete; or
  - (c) accept the return of the Product and issue a refund of the original purchase price less depreciation to be determined based on the age of the product at the time remedy is sought under this limited warranty. All customers must show proof of purchase to receive one of the above remedies. If proof of purchase cannot be provided, the warranty start date will default to the date of manufacture of the product, which will affect the Warranty Period and may affect whether your product is still eligible under the Warranty.

3. **RECYCLING.** After a period of 10 years from manufacture date of the product to the original owner, you may return the product for recycling to Halo Smart Labs, 520 Eagleton Downs Dr. Suite B. Pineville, NC 28134.
4. **SATISFACTION GUARANTEE RETURN POLICY.** If you are the original purchaser of the Product and you are not satisfied with this Product for any reason, you may return it in its original condition within thirty (30) days of the original purchase and receive a full refund.
5. **WARRANTY CONDITIONS; HOW TO GET SERVICE IF YOU WANT TO FILE A CLAIM UNDER THIS LIMITED WARRANTY.** Before making a claim under this Limited Warranty, the owner of the Product must (a) notify Halo Smart Labs of the intention to claim by visiting [halosmartlabs.com/support](http://halosmartlabs.com/support) during the Warranty Period and providing a description of the alleged failure, (b) provide Halo Smart Labs with proof of purchase (or date of manufacture if the customer cannot provide proof of purchase), and (c) comply with Halo Smart Labs' return shipping instructions. Halo Smart Labs will have no warranty obligations with respect to a returned Product if it determines, in its reasonable discretion after examination of the returned Product, that the Product is an Ineligible Product (defined below). Halo Smart Labs will bear all costs of return shipping to owner and will reimburse any shipping costs incurred by the owner, except with respect to any Ineligible Product, for which owner will bear all shipping costs.
6. **WHAT THIS LIMITED WARRANTY DOES NOT COVER.** This Limited Warranty does not cover the following (collectively "Ineligible Products"): Products marked as "sample" or "Not for Sale", or sold "AS IS"; or Products that have been subject to: (a) modifications, alterations, tampering, or improper maintenance or repairs; (b) handling, storage, installation, testing, or use not in accordance with the User's Guide or other instructions provided by Halo Smart Labs; (c) abuse or misuse of the Product; (d) breakdowns, fluctuations, or interruptions in electric power or the telecommunications network; or (e) Acts of God, including but not limited to lightning, flood, tornado, earthquake, or hurricane. This Limited Warranty does not cover consumable parts, including batteries (except in devices manufactured with non-user serviceable or replaceable batteries), unless damage is due to defects in materials or workmanship of the Product, or software (even if such consumable parts or software are packaged or sold with the product). Halo Smart Labs recommends that you use only authorized service providers for maintenance or repair. Unauthorized use of the Product or software can impair the Product's performance and may invalidate this Limited Warranty.
7. **DISCLAIMER OF WARRANTIES.** EXCEPT AS STATED ABOVE IN THIS LIMITED WARRANTY, AND TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, HALO SMART LABS DISCLAIMS ALL EXPRESS, IMPLIED, AND STATUTORY WARRANTIES AND CONDITIONS WITH RESPECT TO THE PRODUCT, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, HALO SMART LABS ALSO LIMITS THE DURATION OF ANY APPLICABLE IMPLIED WARRANTIES OR CONDITIONS TO THE DURATION OF THIS LIMITED WARRANTY.
8. **LIMITATION OF DAMAGES.** IN ADDITION TO THE ABOVE WARRANTY DISCLAIMERS, IN NO EVENT WILL HALO SMART LABS BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, EXEMPLARY, OR SPECIAL DAMAGES, INCLUDING ANY DAMAGES FOR LOST DATA OR LOST PROFITS, ARISING FROM OR RELATING TO THIS LIMITED WARRANTY OR THE PRODUCT, AND HALO SMART LABS' TOTAL CUMULATIVE LIABILITY ARISING FROM OR RELATED TO THIS LIMITED WARRANTY OR THE PRODUCT WILL NOT EXCEED THE AMOUNT ACTUALLY PAID FOR THE PRODUCT BY THE ORIGINAL PURCHASER.

**9. LIMITATION OF LIABILITY.** THE HALO SMART LABS ONLINE SERVICES ("SERVICES") PROVIDE YOU INFORMATION ("PRODUCT INFORMATION") REGARDING YOUR HALO SMART LABS PRODUCTS OR OTHER PERIPHERALS CONNECTED TO YOUR PRODUCTS ("PRODUCT PERIPHERALS"). THE TYPE OF PRODUCT PERIPHERALS THAT MAY BE CONNECTED TO YOUR PRODUCT MAY CHANGE FROM TIME TO TIME. WITHOUT LIMITING THE GENERALITY OF THE DISCLAIMERS ABOVE, ALL PRODUCT INFORMATION IS PROVIDED FOR YOUR CONVENIENCE, "AS IS", AND "AS AVAILABLE". HALO SMART LABS DOES NOT REPRESENT, WARRANT, OR GUARANTEE THAT PRODUCT INFORMATION WILL BE AVAILABLE, ACCURATE, OR RELIABLE OR THAT PRODUCT INFORMATION OR USE OF THE SERVICES OR PRODUCT WILL PROVIDE SAFETY IN YOUR HOME. YOU USE ALL PRODUCT INFORMATION, THE SERVICES, AND THE PRODUCT AT YOUR OWN DISCRETION AND RISK. YOU WILL BE SOLELY RESPONSIBLE FOR (AND HALO SMART LABS DISCLAIMS) ANY AND ALL LOSS, LIABILITY, OR DAMAGES, INCLUDING TO YOUR WIRING, FIXTURES, ELECTRICITY, HOME, PRODUCT, PRODUCT PERIPHERALS, COMPUTER, MOBILE DEVICE, AND ALL OTHER ITEMS AND PETS IN YOUR HOME, RESULTING FROM YOUR USE OF THE PRODUCT INFORMATION, SERVICES, OR PRODUCT. PRODUCT INFORMATION PROVIDED BY THE SERVICES IS NOT INTENDED AS A SUBSTITUTE FOR DIRECT MEANS OF OBTAINING THE INFORMATION. FOR EXAMPLE, A NOTIFICATION PROVIDED THROUGH THE SERVICE IS NOT INTENDED AS A SUBSTITUTE FOR AUDIBLE AND VISIBLE INDICATIONS IN THE HOME AND ON THE PRODUCT, NOR FOR A THIRD PARTY MONITORING SERVICE THAT MONITORS ALARM STATE.

**10. YOUR RIGHTS AND THIS LIMITED WARRANTY.** This Limited Warranty gives you specific legal rights. You may also have other legal rights that vary by state, province, or jurisdiction. Likewise, some of the limitations in this Limited Warranty may not apply in certain states. The terms of this Limited Warranty will apply to the extent permitted by applicable law. For a full description of your legal rights you should refer to the laws applicable in your jurisdiction and you may wish to contact a relevant consumer advisory service.

For your records:

Date Purchased: -----

Where Purchased: -----

Date Installed: (Month/Year) ..... / .....

Replace this alarm approximately 10 years after installation.

This alarm will remind you when End-of-Life has been reached.