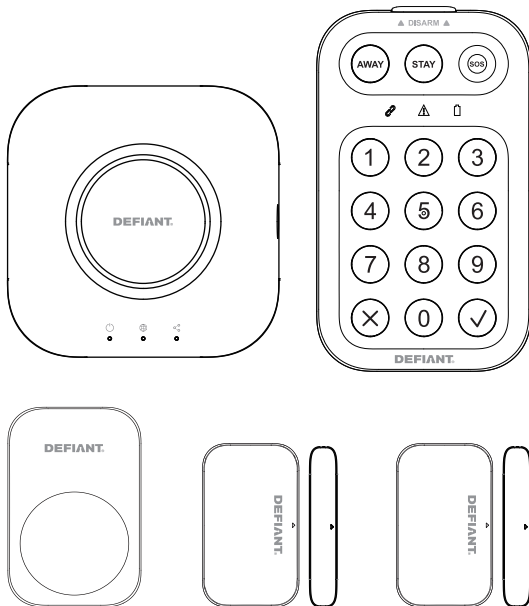


# USER GUIDE

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## SMART HOME ALARM SYSTEM



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### THANK YOU

*We appreciate the trust and confidence you have placed in Defiant through the purchase of our Smart Home Alarm System Kit. We strive to continually create quality products designed to enhance your home. Visit us online to see our full line of products available for your home improvement needs. Thank you for choosing Defiant!*

# Table of Contents

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<b>Safety Information</b> .....	3	<b>Keypad</b> .....	10
<b>Warranty</b> .....	4	<b>Motion Sensor</b> .....	12
<b>Pre-Installation</b> .....	5	<b>Door/Window Sensor</b> .....	13
Inspect All Components.....	5	<b>Installation</b> .....	15
About Wireless Equipment .....	5	<b>Operation</b> .....	20
Installation Location .....	5	<b>Replace the Batteries</b> .....	23
Package Contents .....	6	<b>Specification</b> .....	24
<b>Product Introduction</b> .....	7	<b>Troubleshooting</b> .....	25
Siren Hub.....	7		

# Safety Information



**WARNING:** Keep out of reach of children. This product contains small magnets and other small parts, which can cause choking or injury if ingested.



**WARNING:** Before mounting any of the devices clean the surface with a gentle degreaser. Please note that some surfaces may be unsuitable for mounting with the adhesive pads provided.



**WARNING:** Risk of personal injury. Prolonged exposure to alarm siren may cause permanent hearing loss.



**WARNING:** Any battery has the potential to leak harmful chemicals that can damage skin, clothing or the inside of the battery compartment. To avoid risk of injury, do not allow any substance leaked from the battery to come in contact with eyes or skin. Any battery has the potential to rupture and may even explode if exposed to fire or other forms of excessive heat. Use caution at all times when handling batteries. To reduce the risk of personal injury or harm to this product, take the following precautions:

- Do not use different brands of batteries in the same device.
- When replacing batteries always replace the whole set.
- Do not use rechargeable or reusable batteries.
- Do not allow children to install batteries unsupervised.
- Follow battery manufacturer's instructions for the proper handling, storage and disposal of batteries.



**WARNING:** Keep batteries away from children. This product contains coin/button cell batteries.

- If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death. Keep away from infants and small children at all times.
- If battery is swallowed or placed inside any part of the body, immediately seek EMERGENCY medical attention.
- Battery may rupture if the incorrect type of battery is used. Follow the instructions in this manual.



**WARNING:** Used batteries should be disposed of at an appropriate recycling center. Do not discard with normal household trash. **DO NOT BURN.**



**CAUTION:** Do not install

- In wet locations.
- Outside the premises (outdoors).
- Near metal objects or mirrors which may cause radio signal interference.
- Near main wiring.

## Warranty

### 1 YEAR LIMITED WARRANTY

This product is guaranteed to be free of defects in materials and workmanship for 1 year from the date of purchase. Guarantee does not include normal wear and tear.

## Wireless Protocol

The Wi-Fi CERTIFIED™ Logo is a registered trademark of Wi-Fi Alliance®. The Bluetooth word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. Apple and the Apple logos are trademarks of Apple, Inc., registered in the U.S., and other countries. App Store is a service mark of Apple Inc. Google, Google Play and Google Home are trademarks of Google LLC. The keypad and the sensors only works with Siren Hub required.



Bluetooth®



## FCC Regulation

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### FCC Caution:

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

### FCC Statement:

"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 equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

# Pre-Installation

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## INSPECT ALL COMPONENTS

Compare all parts in the package with the Package Contents list. If any part appears missing or damaged, do not install this product. Contact customer support.

## ABOUT WIRELESS EQUIPMENT

Wireless systems are reliable and tested to high standards; however, it is important to consider that there are some limitations due to their transmitting power and range:

- ☐ Receivers may be blocked by radio signals occurring on or near operating frequencies, regardless of the code selected.
- ☐ A receiver can only respond to one transmitted signal at a time.
- ☐ Wireless equipment should be tested regularly to determine whether there are sources of interference and to protect against faults.

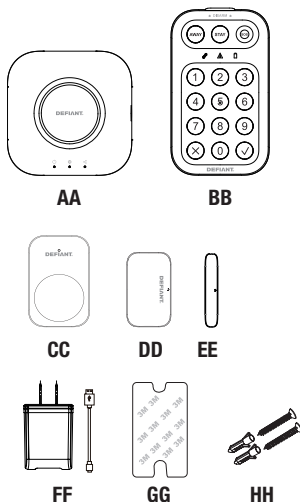
## INSTALLATION LOCATION

**DETERMINE THE LOCATION OF THE SIREN HUB, WHICH SHOULD BE PLACED:**

- ☐ Within a few feet of an electrical outlet
- ☐ Where it is easily accessible
- ☐ Away from doors or windows that could be accessed by intruders
- ☐ Away from extreme temperature sources (radiators, ovens, stoves etc.) and large metal objects that could interfere with the wireless performance.

# Pre-Installation

## PACKAGE CONTENTS



Part	Description	Quantity
AA	Siren Hub with 3*AA batteries	1
BB	Keypad with 3*AA batteries	1
CC	Motion Sensor with 2*AAA batteries	1
DD	Door/Window Sensors with CR2032 battery	2
EE	Magnet	2
FF	Power Adapter and Cable	1
GG	Keypad Double-Side Adhesive Tape	1
HH	Mounting Screws Sets	10



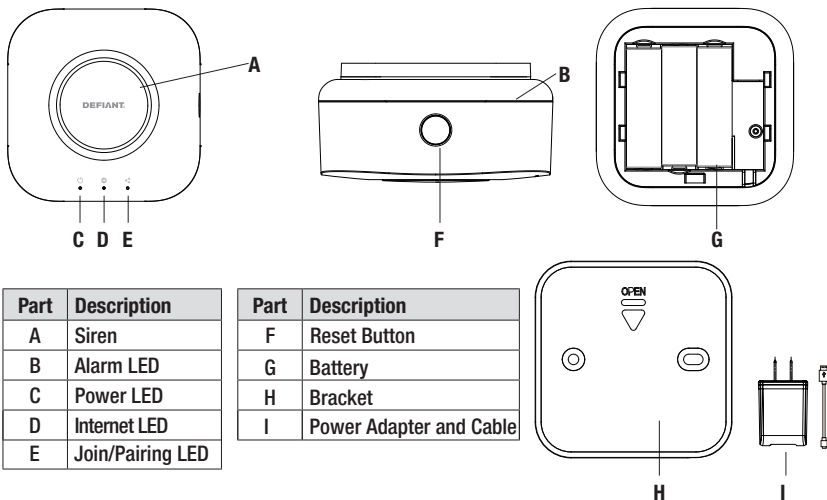
**WARNING:** THESE SENSORS AND THE KEYPAD HAVE TAMPER RESISTANT BRACKETS TO ENSURE THEY ARE NOT REMOVED FROM THEIR INSTALLATION PLACEMENT. THESE BRACKETS MUST REMAIN ON THE SENSORS DURING USE. REMOVAL OF THESE BRACKETS WILL RESULT IN A TAMPER ALARM BEING TRIGGERED.

## Pre-Installation (continued)

### Product Introduction

#### Siren Hub

Your home Siren Hub connects the alarm system to your 2.4GHz Wireless network and other smart home devices. It also sounds the alarm to alert you when a security breach has occurred.



Part	Description
A	Siren
B	Alarm LED
C	Power LED
D	Internet LED
E	Join/Pairing LED

Part	Description
F	Reset Button
G	Battery
H	Bracket
I	Power Adapter and Cable

## Pre-Installation (continued)

Power LED	Internet LED	Alarm LED	Join/Pairing LED	Description
OFF	OFF	OFF	OFF	The base station is powered off.
BLINKING	OFF	OFF	OFF	Booting up. Applicable whether the Unit is onboarded or not.
ON	Blinking	ON= "GREEN"   "YELLOW"   "RED"	OFF	Connecting to WiFi. See the timeout below. Unit is Onboarded.
ON	OFF	ON= "GREEN"   "YELLOW"   "RED"	OFF	Failed to connect to WiFi. The unit did not connect to the Internet after 30 seconds. Unit is Onboarded.
ON	ON	OFF	OFF	Disarmed, powered on and operates normally. No Faults detected, no offline sensors.
ON	ON	Armed Away ON= "RED" Armed Stay ON="GREEN"	OFF	Armed in Stay or Away Modes, Powered on operates normally. No Faults detected, no offline sensors.
Blinking	OFF	OFF	OFF	The Unit Reset. Press the siren button for 10 seconds to trigger a reset. The LED will blink for 5 secs. The Unit will remove all paired sensors and keypad and will clear any paired sensors, sensor states, and stored PINs.



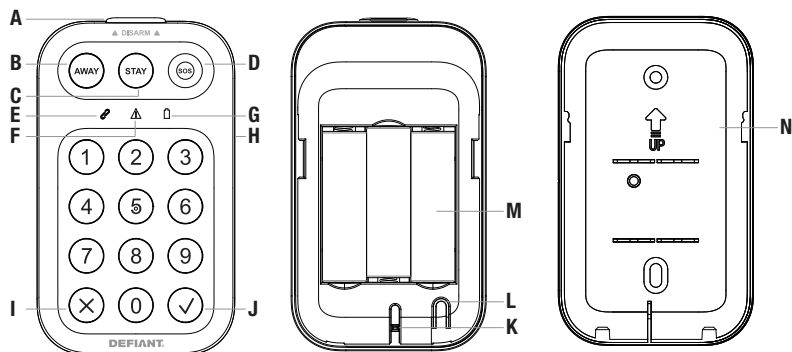
## Pre-Installation (continued)

Power LED	Internet LED	Alarm LED	Join/Pairing LED	Description
ON	ON	OFF	FAST BLINKING for 1 sec duration.	Pairing of a sensor failed.
ON	ON	OFF	ON solid for 1 sec duration.	Pairing of a sensor succeeded.
ON	ON	ON= "YELLOW"	OFF	Blue Alarm State. May happen when 1) one or more sensors lose connectivity to the hub, which is indicated as an "offline" state in the app. 2) the user tries to arm the alarm system and some of the sensors may need to be bypassed. The blue light goes off after the condition is rectified.
ON	ON	ON=RED blinking	OFF	Turn on the alarm indicator LEDs if the alarm is active.
Blinking	ON	ON	OFF	Unit is in battery backup mode.
Fast Blinking	OFF	ON	OFF	Unit is in low battery mode. WiFi is disconnected.

## Pre-Installation (continued)

### Keypad

The keypad controls your alarm system via Bluetooth through connecting to gateway. It features four alarm modes: “Disarm” - deactivates sensors, “Arm Away” - activates all sensors, “Arm Stay” - activates select sensors and “SOS” to active emergency alarm to suit your needs.



Part	Description
A	Disarm
B	Arm Away
C	Arm Stay
D	SOS
E	Network Indicator
F	Not Ready Sensor Alert Indicator
G	Battery Indicator

Part	Description
H	Buzzer
I	Cancel
J	Confirm
K	Anti-tamper Switch
L	Reset/Onboard Button
M	Battery
N	Bracket

Items	Description
Onboard Button	Press and hold the reset/onboard button (behind the battery cover) for 5 seconds to start onboarding/pairing of the device. This is a medium duration press.

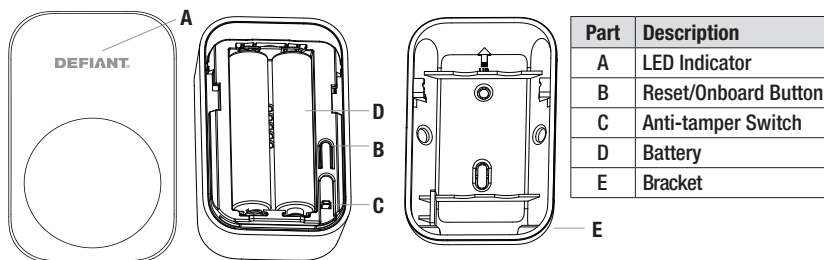
## Pre-Installation (continued)

Items	Description
Battery Indicator	Solid green: Battery capacity $\geq 20\%$ Solid yellow: Low $20\% \geq$ battery capacity $> 10\%$ Solid red: Very Low Battery capacity $\leq 10\%$ Batteries should be replaced
Not Ready Sensor Alert Indicator	If some sensors are not ready (tampered with is active, malfunctioned sensor, bypass required) when try to arm the system, the app will send the notification and the LED indicator on the keypad will flash to indicate that the system is not ready for arming. Presses “√” to continue arming or press “X” to cancel arming. Note that the sensor can be bypassed/ignored in the app before arming.
Network Indicator	Flashing green: Pairing and searching for the hub Solid red: No signal or bad signal from the hub Solid green: Paired to the hub, good signal
Reset Button	Press and hold it for 10 seconds to reset the device. After reset, the device will clear the network information, restore factory Settings, and enter the pairing state.
Anti-tamper Switch	Once the keypad is taken off the bracket, the anti-tamper alarm will be triggered
Buzzer	For sound prompt
Confirm/Cancel	Confirm: Confirms the mode you are entering Cancels: Cancels whatever mode you may have been entering and resets the keypad back to a ready state
Disarmed	Disarmed: Disarms the alarm system. No alarms will sound in this mode
Armed Stay	Armed Stay: Used to only arm certain selected sensors when the user is at home but still wants partial protection. Ex. If you want to secure the front door, but do not want the hallway motion sensor activated
Armed Away	Armed Away: Used to arm all sensors on the network
SOS	Holding the SOS button for 3 seconds triggers an alarm from the Siren Hub.

## Pre-Installation (continued)

### Motion Sensor

The Motion Sensor sends you mobile alerts whenever motion is detected. It seamlessly pairs with your Siren Hub and can be easily mounted to any wall or corner in your home.

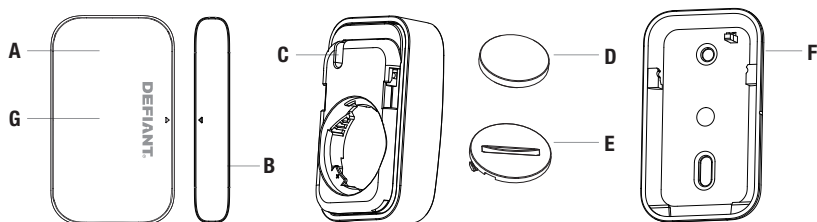


Items	Description
LED Indicator	If sensor has not been added to Siren Hub, the LED will blink about once per second. The LED will be turned off after connecting to the Siren Hub
Reset Button	Press and hold the reset button (behind the battery cover) for 10 seconds to reset the device. The reset button is the same button used for onboarding. After reset, the device will clear the network information, restore factory Settings, and enter the pairing state.
Onboard Button	Press and hold the reset/onboard button (behind the battery cover) for 5 seconds to start onboarding/pairing of the device. This is a medium duration press.
Anti-tamper Switch	If the sensor is removed from the bracket, it will trigger the anti-tamper switch and send a notification to the app. When installing, please be sure that the sensor is well mounted to avoid false notifications.

## Pre-Installation (continued)

### Door/Window Sensor

Sends a notification or sounds the alarm whenever a door or window is opened.



Part	Description
A	LED Indicator
B	Magnet
C	Anti-tamper Switch

Part	Description
D	Battery
E	Battery Cover
F	Bracket
G	Bypass/Reset Button

Items	Description
LED Indicator	If sensor has not been added to Siren Hub, the LED will blink about once per second. The LED will be turned off after connecting to the Siren hub.
Reset Button	Press the front of the device for 10 seconds to reset the device. Note that the bracket must be removed first. This is a long press. After reset, the device will clear the network information, restore factory Settings, and enter the pairing state. Immediately after reset, the sensor will provide updated information including battery level to the hub.
Onboard Button	Press the front of the device for 5 seconds to start onboarding/pairing of the device. Note that the Bracket(F) must be removed first. This is a medium duration press.

## Pre-Installation (continued)

Items	Description
Bypass Button	<p>Pressing the front of the device for &lt; 1 second will temporarily disarm the sensor (the default time is 1 minute(s). Then opening the door/window will not trigger the alarm. The system will resume its state after the door/window has been closed.</p> <p>A. By default, the bypass feature is disabled. If the door/window is opened under ARM AWAY or ARM STAY state, the alarm will be triggered.</p> <p>B. When the system is under ARM AWAY or ARM STAY mode, after you set the BYPASS time, press the BYPASS button on the device, the alarm will not be triggered if the door/window is opened.</p> <p>C. The door/window needs to be closed before the preset bypass time, otherwise the alarm will be triggered again.</p> <p>D. The BYPASS feature only takes effect one time. If you closes the door within the valid bypass time and opens it again, the alarm will be triggered.</p> <p>E. If you triggers the door sensor first and then presses the bypass button, the alarm will be triggered and must be turned off in the keypad.</p> <p>F. After you press the bypass button, you must open the door or window within 1 minute, otherwise this feature will not take effect.</p>
Anti-tamper Switch	<p>If the sensor is removed from the bracket, it will trigger the anti-tamper switch and send a notification to the app. When installing, please be sure that the sensor is well mounted to avoid false notifications.</p>

# Installation

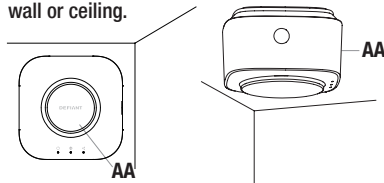
## 1 Mounting the Siren Hub

**IMPORTANT:** Be sure that when choosing your location, that it

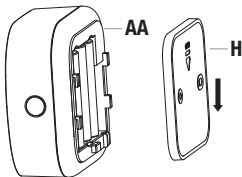


- Can easily be seen when the strobe is flashing.
- You can hear the alarm.
- There is a good 2.4GHz Wireless network.
- There is a wall socket nearby that is not controlled by a wall switch.

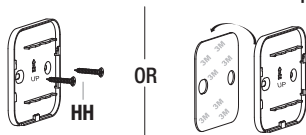
- The Siren Hub (AA) can be mounted on the wall or ceiling.



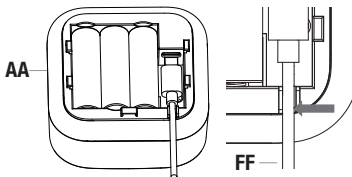
- Remove the Bracket (H) from the Siren Hub (AA) by following the below arrow direction.



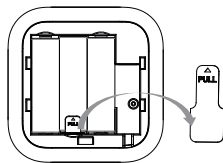
- Decide upon your placement position and attach the bracket with either Screws (HH) or preinstalled double-sided adhesive tape.



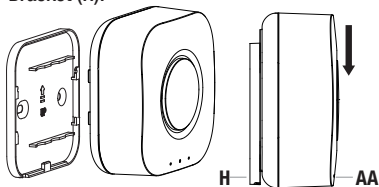
- Plug the Power Cable (FF) into Siren Hub (AA). Ensure Power Cable (FF) inside the wire duct.



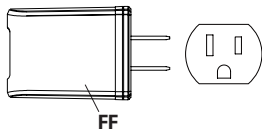
- Pull out the battery insulator pull tab to activate the battery.



- Hang the Siren Hub (AA) on the Bracket (H) by following the direction of "UP" arrow on the back of Bracket (H) or following the opposite direction of the Open arrow on the front of Bracket (H).



- Connect the Power Adapter (FF) to wall socket that is not controlled by a wall switch.



## Installation (continued)

### 2 Install the Keypad

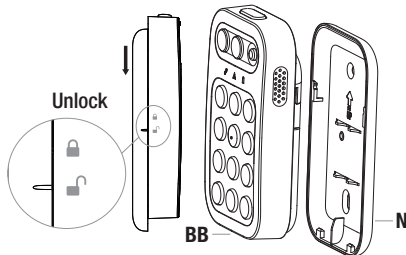


#### IMPORTANT:

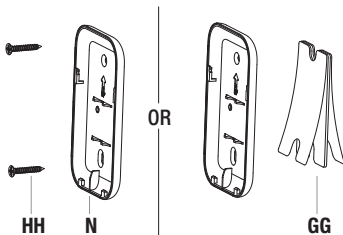
Do not install the keypad:

- Outdoors.
- Near large metal objects or mirrors as they sometimes cause radio signal interference.
- Near main wiring.

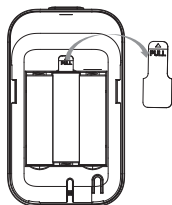
- Remove the Bracket (N) from the Keypad (BB) by following the direction of the unlock marked on the side of Keypad (BB).



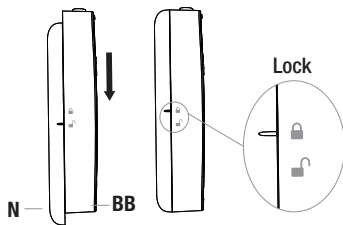
- Decide upon your placement position and attach the Bracket (N) with either Screws (HH) or double-sided adhesive tape (GG).



- Pull out the battery insulator pull tab to activate the battery.



- Hang the Keypad (BB) on the Bracket (N) by following the direction of lock marked in the side of Keypad (BB).



### 3 Installing the Motion Sensor

#### IMPORTANT:

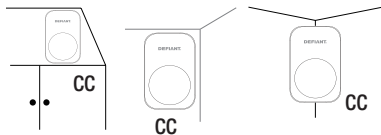


- Remove the clear, protective cover from the front of the motion sensor.
- The sensor should be placed at a height of 6.5-8 ft. above the floor for best coverage.
- There should be no large obstructions in front of the sensor.
- The sensor should not be installed in locations where there may be wide temperature changes such as near air conditioners, fans, refrigerators, or ovens/ranges.

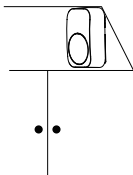


## Installation (continued)

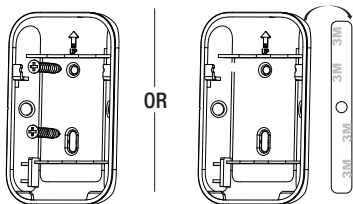
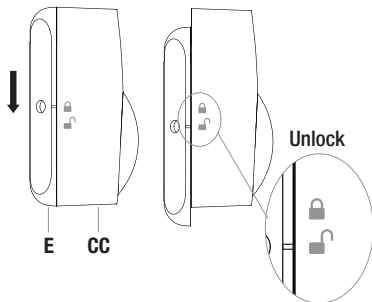
- The Motion Sensor (CC) can be installed on the top of a cabinet or other tall furniture, on the flat surface of a wall or in a corner wall area.
- Decide upon your placement position and attach the Bracket (E) with either Screws (HH) or preinstalled double-sided adhesive tape.



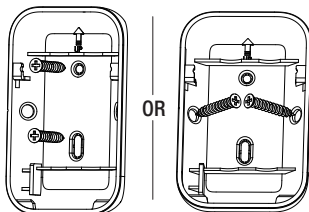
- If installing on a horizontal surface, such as a tall piece of furniture or cabinet top, be sure to leave the mounting Bracket (E) in place on the back of the sensor so the anti-tampering alarm is not falsely triggered.



- Remove the Bracket (E) from the Motion Sensor (CC) by following the direction of the unlock (🔓) marked on the side of Motion Sensor (CC).



Proper Screws (HH) locations for wall-mount installation.

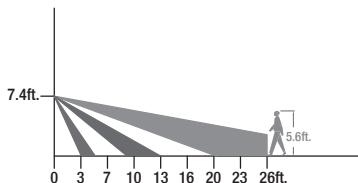
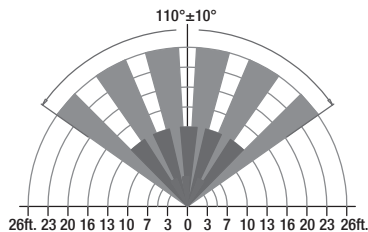


## Installation (continued)

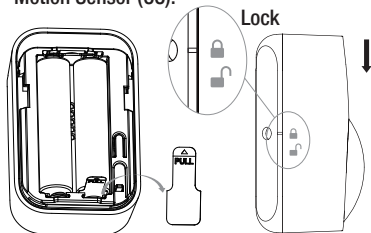
- When placed on the top of cabinet or other tall furniture, be sure the face of the sensor and the face of the furniture are flush with each other, as shown in the illustration below. This will allow the signal to be uninterrupted and maintain the best possible detection range.



- If mounted at a height of 7.4 ft. above the floor, the detection range will be approximately 26 ft. with a  $110^{\circ} \pm 10^{\circ}$  view angle. If mounted at a lower height, the detection range may be decreased.



- Pull out the battery insulator pull tab to activate the battery. Hang the Motion Sensor (CC) on the Bracket (E) by following the direction of lock (🔒) marked in the side of Motion Sensor (CC).

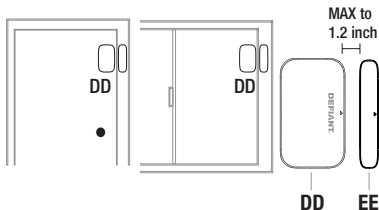


## 4 Installing the Door/Window Sensor


### IMPORTANT:

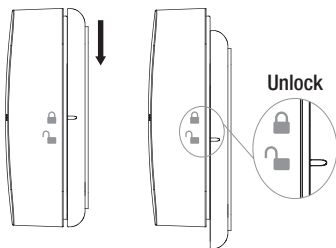
- The distance between Door/Window Sensor (DD) and Magnet (EE) must not exceed 1.2 inch in closed state.
- This sensor should not be mounted on a metal frame.
- This sensor should only be installed indoors.

- The Door/Window Sensor (DD) can be mounted on a door or window.

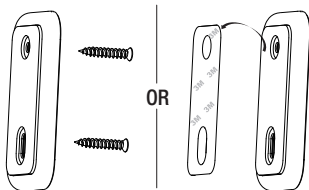


## Installation (continued)

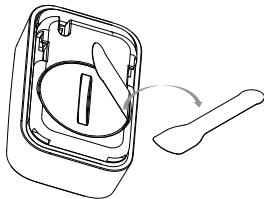
- Remove the Bracket (J) from the Door/Window Sensor (DD) by following the direction of the unlock  marked on the side of Door/Window Sensor (DD).




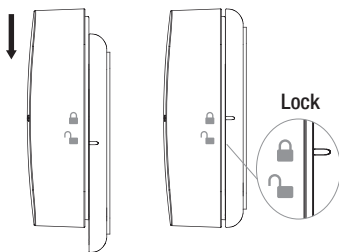
- Decide upon your placement position and attach the Bracket (J) with either Screws (KK) or preinstalled double-sided adhesive tape.



- Pull out the battery insulator pull tab to activate the battery.



- Hang the Door/Window Sensor(DD) on the Bracket (J) by following the direction of lock  marked in the side of Door/Window sensor (DD).



# Operation

- 1** Download the Hubspace™ app from the Apple App Store or the Google Play Store.



- 2** Sign in if you have an account, or register to create an account then sign in.

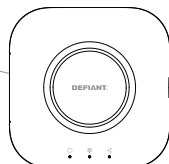
- 3** Connect your Security Kit to power and follow the instructions on the app screen.



**NOTE:**

- Please remove the Battery Insulator Pull Tab behind the battery from the Siren hub, Keypad and Sensors to get power connected. The siren hub need plug into power and have a non-rechargeable battery backup.
- This Hubspace hub requires a 2.4GHz Wi-Fi channel. Hubspace only shows Wi-Fi networks that your product can use.
- If you do not see your Wi-Fi network name when you attempt to connect your product, please check your router settings or move your product closer to your Wi-Fi router.

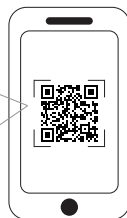
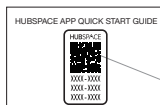
- 4** Tap the '+' button in the upper-right corner on the app screen to add your Siren Hub.



**NOTE:**

Bluetooth® access is required for product setup. Android phones must also enable Location services to allow for Bluetooth scanning.

- 5** Scan the QR code on the Siren Hub or in the Quick Start Guide.






**NOTE:**

- If the QR code cannot be scanned, you can enter the code manually in the app. Tap Enter Code and follow the instructions. You can find the QR code on the side of siren hub housing.
- If the QR code is lost, you can press the siren hub reset button for 5 seconds to put into setup mode and follow the app instructions.




### 6 Using your Security Kit System.

- Once the Siren Hub added successfully in the app, tap on the Home Alarm in the app. to display the controls for adding the Keypads and Sensors. Plus "+" in the app and follow the instructions. The Keypad or Sensor's Bracket must be removed first when add into app.
  - Manually Pair a Sensor or the Keypad: Press and hold the onboard button of sensor/keypad for 5 seconds, Siren Hub beeps and the Connectivity/Network/Pairing LED indicator starts blinking red.
  - Remove all known Sensors and Keypad: Press and hold the reset button of sensor/keypad for 10 seconds – Siren Hub should beep again).
- You need to create a 6-digit PIN code before you can use security system. Tap the "PIN Management" in the app. and follow the instructions to set up your PIN.
- Arming the system.




#### Armed Away Mode:

- On the keypad: Press , enter the PIN code and press . The keypad will blink 3 times and the Hub alarm LED blinking green to indicate success setting.
- On the App: Tap  on the home page.

#### Armed Stay (Home) Mode:

- On the keypad: Press , enter the PIN code and press . The keypad will blink 3 times and the Hub alarm LED will blink green.
- On the App: Tap  on the home page.





#### Disarmed Mode:

- On the keypad: Press , enter the PIN code and press . The keypad will blink 3 times and the Hub alarm LED will blink green.
- On the App: Tap  on the home page.

#### Sending an Emergency signal:

- On the keypad: Press and hold  for 3 seconds for emergency.
- On the App: Tap  on the home page.

#### Faulted sensors:

- On the keypad: The  indicator will be red with a sound prompt. Input the PIN code and press  to proceed arming (ignoring the faulted sensors). Or press  to cancel the arming operation. Other keys (except ) are disabled in this case.

## Operation (continued)

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### Wrong PIN Code:

- On the App: Tap “OK” to proceed or “Cancel” to cancel.
- On the keypad: The key backlights will flash with a sound prompt if the PIN code is not right. Input the PIN code again and press (✓). No need to press (STAY) or (AWAY) before re-input. Press (X) to cancel the operation.

### Entry Delay Setting:

This is the time users have to disarm the system before the alarm sounds.

The default delay time is 30 seconds (you can change the setting via app). The Siren Hub starts a countdown after a sensor is triggered, the delay time will also be sent to the Keypad.

### Exit Delay Setting:

This is the time users have to exit the house before the system arms itself. The default delay time is 30 seconds (users can change the setting via app). The Siren Hub starts countdown after Armed Away or Stay are activated, the delay time will also be sent to Keypad so that keypad beeps as well to alert the user.

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## 7 Set up your Voice Assistant.

You can connect your Smart Home Alarm System Kit to Google Home and Alexa from the Hubspace app. Or, you can sign in to the Alexa app or Google Home and connect to your Hubspace product from there.

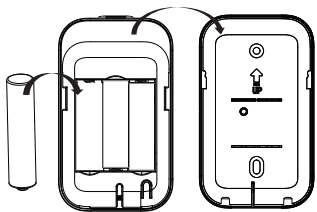
# Replace the Batteries

The app will notify you when a device's battery gets too low. To replace the battery, please disarm the system first to avoid unintended anti-tamper alarms.

## 1 Replace the Keypad batteries

When you find the battery indicator is red and receive a "low battery" alert through the app, follow the instructions below:

- Disarm the system, and remove the keypad from the wall bracket.
- Open the battery compartment cover and remove the old batteries and replace with new AA batteries.



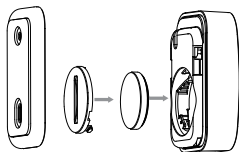
- Hang the keypad back on the wall bracket.

## 2 Replace the Door/Window sensor battery

The app will notify you when a device's battery gets low. To replace the battery, please disarm the system first to avoid unintended tamper alarm.

- Disarm the system.
- Remove the door/window sensor from the bracket.
- Loosen the screw on the battery cover. Open the battery cover.
- Remove the old battery and replace with new CR2032 battery.

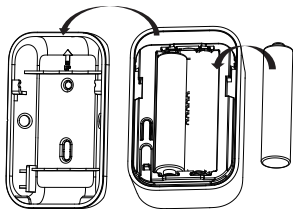
- Close the battery cover. Replace the screw on the battery cover.
- Hang the door/window sensor on the bracket.



## 3 Replace the Motion Sensor battery

The app will notify you when a device's battery gets low. To replace the battery, please disarm the system first to avoid unintended tamper alarm.

- Disarm the system.
- Remove the motion sensor from the wall bracket.
- Loosen the screw on the battery cover. Open the battery cover.
- Remove the old battery and replace with new AAA battery.
- Close the battery cover. Replace the screw on the battery cover.
- Hang the motion sensor on the wall bracket.



# Specification

Item	Siren Hub	Keypad	Motion Sensor	Door/Window Sensor & Magnet
Product Size	3.19 in L x 3.19 in W x 1.6 in D (w/Bracket)	4.29 in L x 2.52 in W x 1 in D	2.36 in L x 1.57 in W x 1.34 in D	1.92 in L x 1.14 in W x .74 in D (Sensor) 1.88 in L x .32 in W x .25 in D (Magnet)
Power Source	Main Power: DC, 5V1A Backup Power: AA*3 Battery	AA*3 Battery	AAA*2 Battery	CR2032*1 Battery
Battery Life	Up to 4hours	1.5 years	2 years	2 years
Protocol	Wi-Fi/Bluetooth/ Sub-G private protocol	Bluetooth	Sub-G private protocol	Sub-G private protocol
Detection Range	N/A	N/A	"110°±10°, 26.25ft with PIR detection"	The distance between Door/Window Sensor and Magnet must not exceed 0.8 inch in closed state.
Mounting Type	3M Adhesive Tape or Screw	3M Adhesive Tape or Screw	3M Adhesive Tape or Screw	3M Adhesive Tape or Screw
Mounting Height	N/A	47.24 in - 59.00 in above ground	78.74 in - 90.55 in above ground	N/A
Transmission Distancet	"WIFI:328 ft in open area BLE:131 ft in open area Sub-G:492 ft in open area"	131 ft in open area	492 ft in open area	492 ft in open area
Oppering Temperature	32 °F to 104 °F_ Up to 85% non-condensing	32 °F to 104 °F_ Up to 85% non-condensing	32 °F to 104 °F_ Up to 85% non-condensing	32 °F to 104 °F_ Up to 85% non-condensing
Storage Temperature	-4 °F~122 °F	-4 °F~122 °F	-4 °F~122 °F	-4 °F~122 °F
IP	IP20	IP20	IP20	IP20
Certification	FCC/IC	FCC/IC	FCC/IC	FCC/IC



# Troubleshooting

Problem	Solution
I cannot find the QR code.	It is on the Siren Hub housing. A copy of the QR code is also included in your product's documentation.
The QR code has become damaged. How do I add the Siren Hub.	Under the QR code is a 24-digit code. You can enter those manually instead of scanning the code.
I lost my QR code. How do I add Siren Hub?	<ol style="list-style-type: none"><li>1. Make sure the product is connected to power.</li><li>2. In the Hubspace app, tap +, then Add Product.</li><li>3. On the Scan Product screen, tap the Search button in the lower-right corner.</li><li>4. Follow the on-screen instructions.</li></ol> Press the reset button and hold it for 5 seconds on the Siren Hub that enables it to be put into setup mode. When it enters that mode, it must indicate by beeping twice. Then it will broadcast the QR code information so that the unit can be added without using the QR code.
A product is on another account. How do I transfer it?	The user will be required to put the Siren Hub into setup mode before the transfer can proceed. Pressing the siren reset button for 5 seconds into setup mode. Scan the QR code and it will transfer to your account.
Siren Hub is listed as offline in the app	<p>Check the LED indicator's status.</p> <ol style="list-style-type: none"><li>1. Make sure the power indicator is on.</li><li>2. If both Internet and Join/Pairing indicators are off, there may be a problem with your home router.</li><li>3. If the middle Internet indicator is off, and the Join/Pairing indicator is blinking, but not at a steady pace, there may be a problem with the internet. Please check your home internet connection. You may need to reboot your router.</li><li>4. If the middle Internet indicator is off, and the Join/Pairing indicator is regularly blinking, once per second, then it means the siren hub is in setup mode. You need to use the app to add the siren hub again.</li></ol>
The keypad does not work and no indicator/button is lit	<p>Make sure the batteries are installed correctly and full of power. You may need a new pair of batteries altogether.</p> <p>NOTE: Do not use rechargeable batteries.</p>
The "Not Ready" Sensor Alert Indicator (F) of the keypad turn on	Please check the motion sensor and door/window sensor to make sure all sensors are good to use.

## Troubleshooting

Problem	Solution
The Keypad does not respond when some keys are pressed sometimes	When the keypad is communicating with the hub, it will not respond to button presses. When the Faulted Sensor indicator is red, only Confirm, Cancel and the Emergency buttons are allowed to be pressed. When no mode swithing key is pressed, the keypad will not respond to number, Confirm and Cancel keys pressing.
Sensors are listed as offline in the app after installation	They may be too far from the siren hub. Try and move the siren hub closer to the location of the sensors.
Unintended alarms by pets	Please try and position the sensor where they will not be triggered by pets. Vibration or movement caused by pets bumping a sensor may trigger the sensor.
Unintended alarms by excessive heat or cold	Please keep sensors away from the following: Direct sun exposure, electric heaters, heat vents, fireplaces, drafty windows, air conditioners and AC vents.
Unintended alarms from other items	When placing your sensors in the home, please be aware that some things such as billowing curtains, ceiling fans and sometimes shadows can trigger the sensor.
Hub Alarm LED on yellow.	One or more sensors disconnected, sensor is not ready or system arm bypassed.
The Hub cannot pair more sensors	The Siren hub only can access up to 32 sub-devices. The paired sub-devices need to be removed before add the additional new sub-devices if existing paired is over 32 sub-devices.

IC Statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- 1) L'appareil ne doit pas produire de brouillage;
- 2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

Cet émetteur ne doit pas être Co-placé ou ne fonctionnant en même temps qu'aucune autre antenne ou émetteur. Cet équipement devrait être installé et actionné avec une distance minimum de 20 centimètres entre le radiateur et votre corps.

# DEFIANT®

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call Defiant Customer Service  
8 a.m. - 7 p.m., EST, Monday-Friday, 9 a.m. - 6 p.m., EST, Saturday

**1-877-592-5233**

**[HOMEDEPOT.COM/Hubspace](http://HOMEDEPOT.COM/Hubspace)**

Retain this manual for future use.