



# User Manual



# Important Safety Instructions

**When using this system, basic safety precautions should always be followed to reduce the risk of fire, electric shock or personal injury.**

1. Read and understand Quick Setup Guide and User Manual instructions.
2. Follow all warnings and instructions marked on the individual components provided in the system.
3. Unplug individual components from AC outlets before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use individual components near water (such as sinks, bathtubs or swimming pools).
5. Place individual components securely on stable surface.
6. Do not cover slots and openings on any of the individual system components. They are provided for ventilation to reduce overheating, and as audio sirens to alert you of an alarm.
7. Use only power source marked on system components. If you are not sure of the type of power supplied to your home, consult your local power company.
8. Do not place objects on the power cord. Install the system components where no one can trip on the cords.
9. Do not overload wall outlets or extension cords. This can result in the risk of fire or electric shock.
10. Never push any objects through slots in system components. This may result in the risk of fire or electric shock. Never spill any liquid on any of the system components.
11. To reduce risk of electric shock, do not disassemble any components provided in the system. If you are having a problem, please call LifeShield Customer Support.
12. Unplug the system components from the wall outlet and call Customer Support when the following conditions occur:
  - A. When power supply cord or plug is damaged or worn.
  - B. If liquid has been spilled on a component.
  - C. If a component has been exposed to rain or water.
  - D. If a component has been dropped or physically damaged.
  - E. If a component exhibits a distinct change in performance.
13. During thunderstorms, avoid using telephone except cordless types. Use a surge protector to protect equipment.
14. Do not use these components to report a gas leak when in the vicinity of the leak.

## **Battery Safety Instructions:**

To reduce the risk of fire or injury, read and follow these instructions.

1. Use only the battery(ies) specified. There is a risk of explosion if you replace the battery(ies) with the incorrect battery type.
2. Rechargeable batteries must be disposed of properly and may need to be recycled. Check with local waste management codes for special disposal instructions.
3. Do not burn, disassemble, mutilate or puncture the battery(ies). The battery(ies) contain toxic material that could be released, resulting in injury.
4. Exercise care in handling battery(ies) in order not to short the battery(ies) to conductive material.
5. Charge the battery(ies) provided with, or identified for use with, the system components only in accordance with the instructions and limitations specified in this manual.

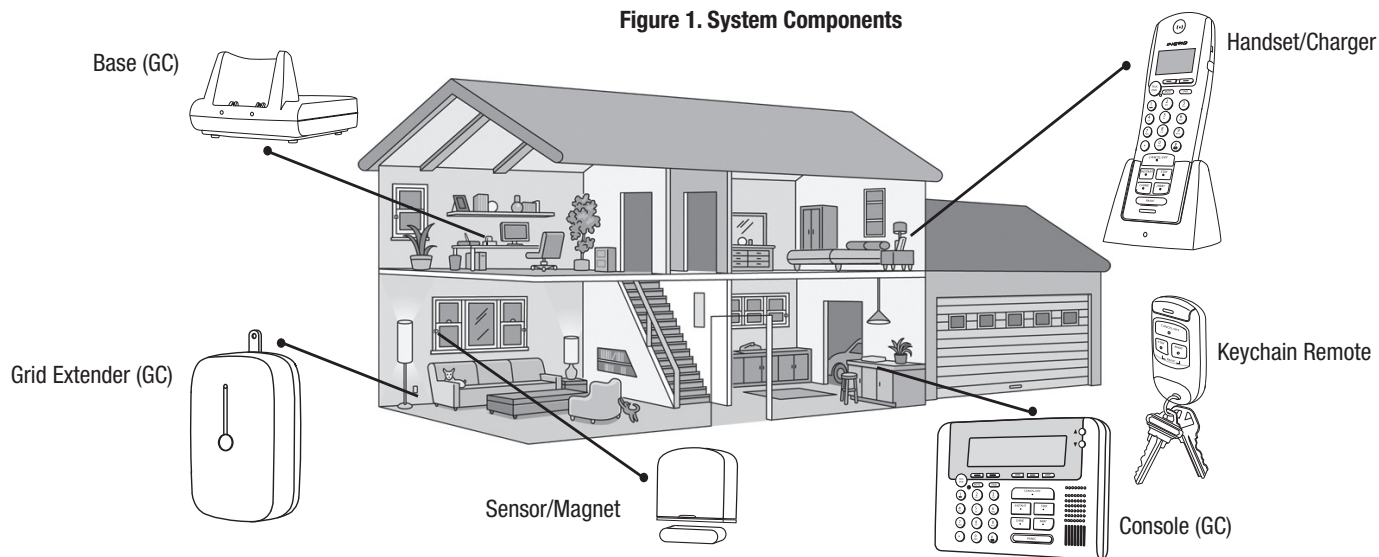
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# Overview

Figure 1. System Components



Your **LifeShield Home Security** system creates a virtual grid that blankets your home with a safe, secure, wireless grid network.

The components that create the wireless grid are known as **Grid Controllers (GCs)** and include the **Base**, **Console**, and the **Grid Extender**. These components all wirelessly communicate with each other, as well as with **Sensors** and **Keychain Remotes** within their coverage area. Typically, the wireless coverage area is approximately 30 feet from a **GC**. Refer to Figure 1 for an illustration of the system components.

You'll enjoy the best coverage and redundancy if each **GC** is located in a different room in your home, and on an interior wall. **GCs** can also be located in detached garages or sheds in close proximity to your home.

For alarm monitoring subscribers, the **LifeShield Home Security** system will send a message to the Alarm Monitoring Center if an alarm occurs (your system is armed, a **Sensor** detects activity such as a door being opened, and no disarm code is entered).

## Performance Considerations

If your home has interior walls made of stone or concrete or has walls which contain metal studs, this may affect the communications between the **GCs**, **Sensors**, and/or **Keychain Remotes**. During the installation process, you can test two-way communications to each **GC** and **Sensor** to minimize the impact of these factors. Adding additional **Grid Extenders** may help improve performance.

## Backup Communications

Although not required, the LifeShield system allows you to connect phone lines to your **Base**, **Consoles** and **Grid Extenders**. This provides an additional layer of communication redundancy should your broadband be out of service.

If you subscribe to alarm monitoring, it is recommended that you run a communication test once a month to ensure proper communication with the Alarm Monitoring Center.

As with all digital phones, noise factors can be reduced by considering where you use and place the phone. Using the **Handset** or **Console** near other wireless sources, including microwave ovens, can affect performance.

**LifeShield Home Security** features:

**LifeShield Home Security System:**

- Encrypted 2-way digital communications
- High-speed data communications over broadband with phone line backup
- 24/7 professional monitoring and emergency dispatch
- Self-monitoring with event notifications
- Anytime, anywhere, web-based control
- Automatic Home Alert™ notifications of security events
- Built-in digital phone system (VoIP compatible)
- Security command console with built-in speaker phone

**Digital Phone System**

- Digital cordless phone with full security access functions
- Caller ID/Call Waiting capability
- Built-in answering system with voice prompts and remote security control
- Built-in phone book, with 99 memory locations
- Mute and hold functions
- Clock display
- Expandable up to 6 handsets
- Room monitor
- Intercom

# Displays and Menus



The various messages that can be displayed are outlined in Tables 8, 9 and 10 on pages 102, 103 and 104.

## Display Information

The **Handset** and **Console** displays on your **LifeShield Home Security** system support 3 lines of information. Refer to Figure 2 and 3 respectively.

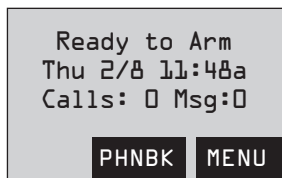


Figure 2. Main Handset Display

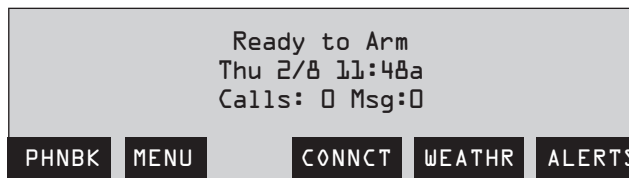


Figure 3. Main Console Display

### Line 1 Display:

Typically, the first line provides information related to security status, such as “Ready to Arm” or “Armed Away.”

### Line 2 Display:

Typically, the second line provides information related to system status, such as “**Sensor Open.**” If the status is normal, then the second line will display the date and time.

### Line 3 Display:

Typically, the third line provides information related to your phone system. When not in use, it displays the number of missed phone calls (Calls:) and the number of messages (Msg:) in your answering system.

### Handset ICONs:

The display also provides icons in the lower left hand corner indicating the remaining battery power and if you have a **Home Alert** message.

## Menu Information

On the bottom right side of the **Handset** display there are 2 labels that correspond to the keys below it.

When at the main display, the labels indicate, from left to right, **PHNBK** and **MENU**.

(Refer to Figure 4)

The keys are referred to as softkeys because they change based on the system menu function selected. At the main display **PHNBK** provides access to your phone book and **MENU** provides access to menus for controlling and configuring your system.

On the left side of the **Console** these same softkeys exist. The **Console** also has keys for direct menu access to **Home Connect** (CONNCT), **Weather Alerts** (WEATHR) and **Home Alerts** (ALERTS) functions. These keys may not be enabled with every service package; see your service plan description. (Refer to Figure 5)

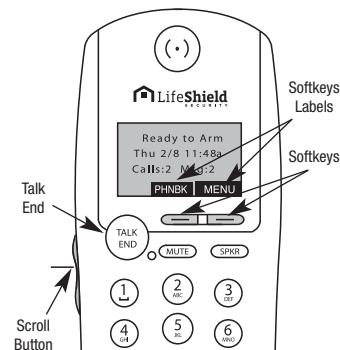


Figure 4. Handset Menu Navigation Tools

When you press **MENU** on your **Handset** or **Console**, you will be presented with the hierarchy as shown in Figure 6.

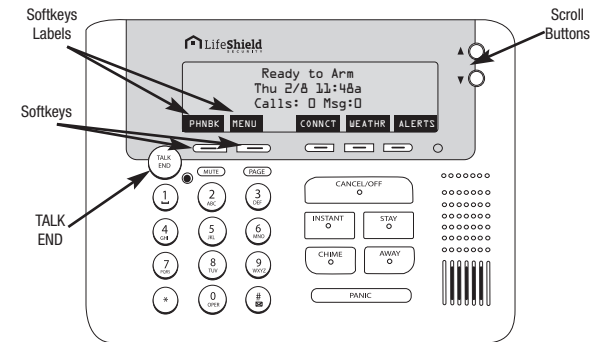


Figure 5. Console Menu Navigation Tools

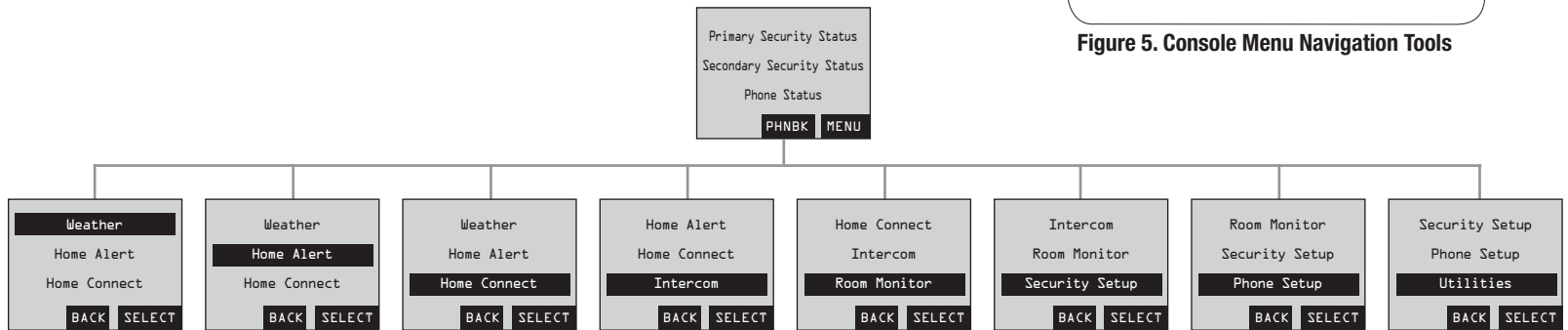


Figure 6. Top-Level Menu Hierarchy (System Activated)

Use the **SCROLL** button on the left hand side of the **Handset** or on the front of the **Console** to navigate the menu options.

Navigate back to the main display by pressing the **TALK/END** key or letting the system time out. You can also move back up the menu hierarchy, one menu at a time, by pressing the **BACK** softkey.

## Data Entry

To add or change names, phone numbers or user codes, pressing the same key repeatedly rotates through available characters for that key. Pressing a different key keeps the previous character and starts a new one. Waiting 1 second between keys also keeps the previous one and starts a new one. Text is not wrapped.

To delete or edit text that is already displayed, press the **DELETE** softkey repeatedly. This moves the cursor from right to left, erasing the existing characters.

Keys	
1	[space] 1
2	a b c A B C 2
3	d e f D E F 3
4	g h i G H I 4
5	j k l J K L 5
6	m n o M N O 6
7	p q r s P Q R S 7
8	t u v T U V 8
9	w x y z W X Y Z 9
0	+ 0
*	, - ? ! ' @ : ; / ( )
#	(ignored)



To access the LifeShield web site:

1. Go to [www.LifeShield.com](http://www.LifeShield.com)
2. Enter your **User Name** and **Password**

From the **LifeShield web site** you can control, customize and view the status of your system. It is made up of 6 key areas as follows:

- Status Dashboard
- Account Tab
- Security Tab
- Home Connect Tab
- Settings Tab



Figure 7. LifeShield - Status Dashboard

**Status Dashboard** - The **Status Dashboard** is located across the top of the LifeShield web page. It provides real time updates on the status of your system, including arm, **Sensor**, monitoring and trouble status. It also includes a list of quick links used to access frequently needed information. The dashboard remains consistently at the top of the page and is visible from all tabs.

(Refer to Figure 7)

From the dashboard you can arm and disarm your system. Instructions for doing this can be found in the **Arming/Disarming Your System** section of this user manual.

**Security Tab** - When you log into LifeShield online, you will land on the **Security tab**. This page provides you with event history and **Sensor** status. From here you can set up the type of event notifications you would like to receive and how you would like to receive them (i.e., email, mobile email, home alerts, etc.). Detailed instructions for setting up notifications, home alerts and weather alerts can be found in the “Notifications” sections of this manual. (Refer to Figure 8)

**Settings Tab** - The **Settings tab** provides you access to customize and configure your system and in-house component settings. This includes enabling system Exit Delays, component Chimes, One-Touch Arming, **Sensor** types, etc. This tab will be referred to throughout this user manual. (Refer to Figure 9)



Figure 8. LifeShield - Security Tab



Figure 9. LifeShield - Settings Tab

**Account Tab** - The **Account tab** provides you with a summary of your billing and monitoring profile. Included in the monitoring profile are your emergency contacts and agency phone numbers. The monitoring profile information is used by the Alarm Monitoring Center for dispatching authorities to your home in an emergency. If you are not an alarm monitoring subscriber, this information will not apply. (Refer to Figure 10)

**Home Connect Tab** - The **Home Connect tab** provides information on any LifeShield systems to which you are connected, and allows you to send or accept an invitation to be a **Home Connect** participant. If you are not a subscriber of a service package that includes the **Home Connect** feature, this information will not apply. (Refer to Figure 11)



Figure 10. LifeShield - Account Tab



Figure 11. LifeShield - Home Connect Tab

# Alarm Monitoring



An alarm generated by pressing the PANIC button on your **LifeShield Home Security** system will send a message to the Alarm Monitoring Center to contact the authorities without making a call to you to verify the alarm.

If an alarm is canceled by entry of your User Code in the system within 30 seconds, no message will be sent to the Alarm Monitoring Center (except for PANIC and Fire alarms).

Your **LifeShield Home Security** system supports 24/7 alarm monitoring if you subscribe to this service. If you are a personal monitoring subscriber, this section does not apply.

Alarm monitoring enables your home to communicate to the Alarm Monitoring Center through your Internet connection or phone line (as applicable). These connections are verified as part of the activation process.

## Practice

After you have activated, your system will be in Practice mode for 7 days. During this time your system will alarm locally, but the Alarm Monitoring Center will NOT call you or dispatch the authorities. Your system will display “Not Monitored.”

This Practice time allows you to become familiar with the system without creating false alarms. Some suggestions for becoming familiar with the system:

- Arm and disarm your system from the LifeShield **Console, Handset, LifeShield.com** and the **Keychain Remote**
- Create additional User Codes
- Customize your system to meet your needs

During Practice the Alarm Monitoring Center will verify your emergency information and ensure a permit has been provided, if required by your municipality.

## Monitored

Once the 7-day Practice time has expired, your system is monitored by the Alarm Monitoring Center. When an alarm is received, the Alarm Monitoring Center will dispatch the authorities if:

- The Alarm Monitoring Center verifies the alarm with you or one of your emergency contacts
- You are unable to provide your Monitoring Password
- LifeShield cannot reach you at your home or alternate contact number

**Note: Your Monitoring Password is not your LifeShield.com password. Your Monitoring Password is selected during activation and can be changed on [www.LifeShield.com](http://www.LifeShield.com) in the Preferences tab.**

## Accidental or False Alarms

*If an accidental or false alarm is generated:*

- Press Cancel and enter your User Code on any LifeShield **Handset** or **Console**
- If the Alarm Monitoring Center calls, have your Monitoring Password available

## Disable Dispatch

You can turn off alarm messages being sent to the Alarm Monitoring Center for a selectable period of time (1 to 24 hours). If alarm messages are turned off, there will be no dispatch of authorities. This feature is available on [www.LifeShield.com](http://www.LifeShield.com), on the Status Dashboard under the Monitoring icon.

## Monitoring Site Profile

You can edit your monitoring site profile on the Account tab at [www.LifeShield.com](http://www.LifeShield.com), including primary and secondary emergency contacts to be called in the event of an alarm. If you are changing your address or need assistance, please call LifeShield Customer Support at 1-888-392-2044. (Refer to Figure 12)

## Courtesy Contacts

You can edit courtesy contacts on the Account tab at [www.LifeShield.com](http://www.LifeShield.com). In the event of an alarm the Alarm Monitoring Center will call **the contacts on this list** as a courtesy to you, once they have dispatched the proper authorities. (Refer to Figure 13)

## Dispatch Information

You view emergency agency information related to dispatching the authorities on the Account tab at [www.LifeShield.com](http://www.LifeShield.com), and edit cross street and general dispatch instructions. If you believe the agency information we have on file for you is incorrect please call LifeShield Customer Support at 1-888-392-2044. (Refer to Figure 14)

## Monitoring Password

If you forget your Monitoring Password or would like to change it, follow these steps:

1. Go to [www.LifeShield.com](http://www.LifeShield.com)
2. Enter your User Name and Password
3. Click **Preferences**
4. Click **Edit**, adjacent to **Monitoring Password**
5. Enter Current LifeShield Password and your New Monitoring Password (Refer to Figure 13)
6. Click **Save**
7. Your Monitoring Password has been updated successfully

**Monitoring Site Profile** edit

**Emergency Contact Profile**  
Name: Joe Safety  
Phone: 5552227777  
Email: JoeSafety@LifeShield.com

**Second Emergency Contact Profile**  
Name: Mary Safety  
Phone: 5555555555

**Monitoring Site Profile**  
Address 1: 801 Cassalt Road  
Address 2: Suite 10  
City: Berwyn  
State: PA  
Zip: 19312  
County: Chester  
Township/Borough: Tredyffrin

help

Figure 12. LifeShield - Monitoring Site Profile

**Courtesy Contacts** add

1. Susan Safety	4849131400	edit	remove
2. Mary Safety	5555555555	edit	remove

help

Figure 13. LifeShield - Courtesy Contacts

**Dispatch Information**

Police:	Tredyffrin Police	610-436-4700	view
Fire:	Tredyffrin Fire	610-436-4700	view
Medical:	Tredyffrin Medical	610-436-4700	view
Cross Street:	Swedesford Rd.		edit
General Dispatch Instructions:			edit

help

Figure 14. LifeShield - Dispatch Information

# Installing the Base



LEDs on the front of the **Base** will illuminate briefly when **Battery Pack** is first connected.

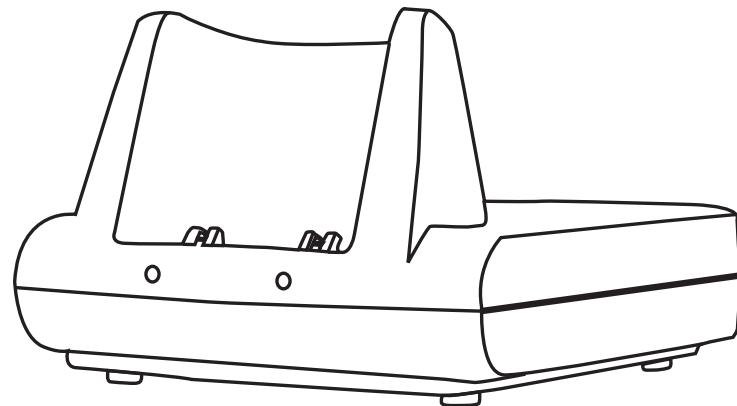


**RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.**

All LifeShield products work together as a system to protect your home. They must be installed in a specific order to work properly. The **Base** must be installed first followed by the **Handset**, **Console** and **Grid Extender**.

## Base Kit Components

**BSC1000 Base**  
**PSC0101 Power Adapter**  
**LS180 Ni-MH Rechargeable Battery Pack**  
**Phone Cord**  
**Internet Cable**



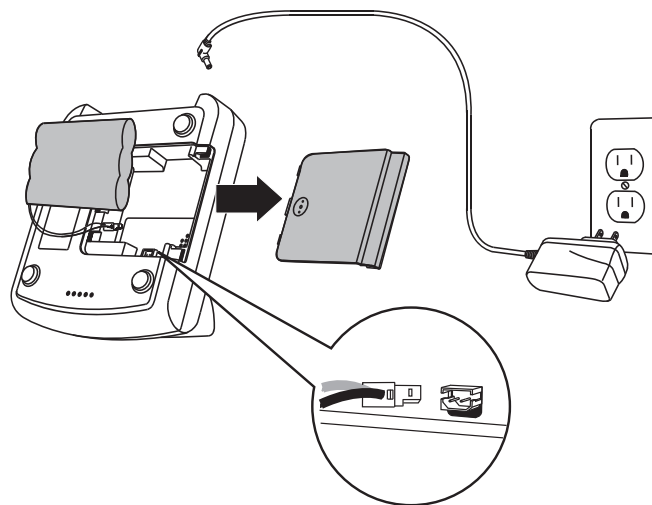
## Install the Base

(Only 1 **Base** may be used on a system)

### Install Battery Pack

Locate the LifeShield LS180 Rechargeable Battery Pack.

- Locate the **Battery Pack**.
- Remove the battery compartment door.
- Plug the 2-wire battery pack cord into the plug receptacle and insert the battery into the battery compartment.
- Snap on the battery compartment door.



### Connect Power Adapter

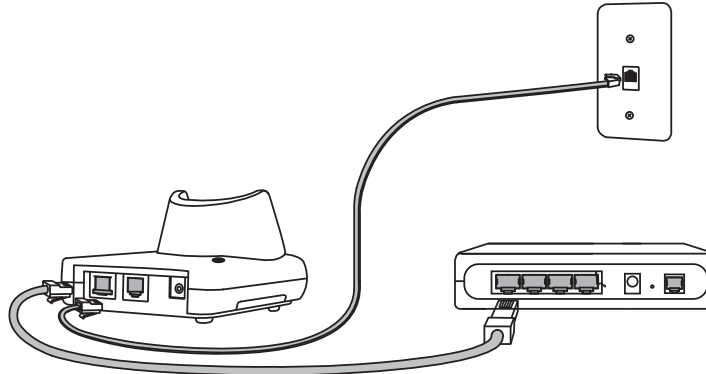
- Do not use an electrical outlet that is controlled by a switch.
- Insert the power adapter plug into the jack on the back of the **Base**. Plug the power adapter into the wall outlet.

## Connect the Base to the Internet

(and Telephone Line)

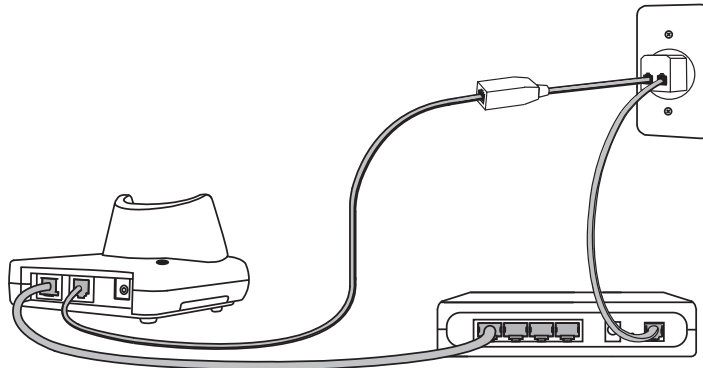
### Connecting the Base

- Connect the Internet cable (provided) between the Internet port on your router and the back of the **Base** as shown below.
- Connect the telephone cord (provided) to the **Base** and telephone wall jack.



### When Using a DSL Modem

- Plug a DSL filter into the telephone splitter (which is in turn plugged into a wall phone jack). Plug one end of the telephone cord (provided) into the DSL filter and the other end into the back of the **Base**. Finally, connect the telephone cord from your router back into the telephone splitter as shown.
- Connect the Internet cable provided in the kit to an available Internet port on the modem/router and the port on the back of the **Base**.



Use only LifeShield LS180 Rechargeable Battery Pack supplied with your Base. Use only PSC0101 Power Supply.

Replacement battery packs are also available through the LifeShield's Customer Support at 1-888-392-2044 or online at [www.LifeShield.com](http://www.LifeShield.com). Use only the supplied AC power adapter. Do not use any other adapter.

Place the power adapter cord so that it does not create a trip hazard, or become pinched and create an electrical hazard.



If you are installing a router for the first time, refer to your router installation instructions before connecting the **Base**.

# Installing the Handset

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The jack is keyed so that the plug can only be inserted in one direction. Be careful not to crimp the wire.

i

The **Handset** display will illuminate when the **Battery** is connected.



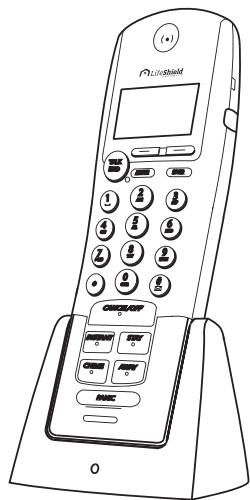
Use only LifeShield rechargeable **Battery Packs** specified for your **Handset**.

Replacement **Battery Packs** are also available through LifeShield Customer Support at 1-888-392-2044 or online at [www.LifeShield.com](http://www.LifeShield.com). Use only the supplied AC power adapter. Do not use any other adapter.

Place the power adapter cord so that it does not create a trip hazard, or become pinched and create an electrical hazard.



**Caution: RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.**



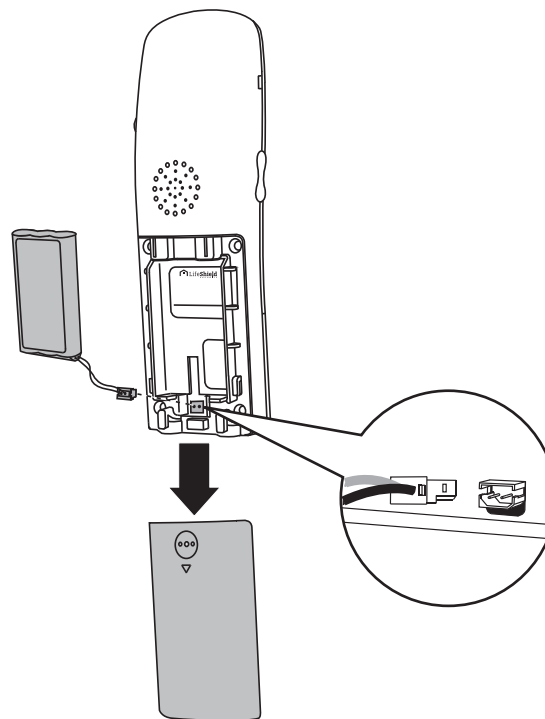
## Handset Kit Contents

- HSC1000 Handset
- CHC1000 Charging Cradle
- PSC0101 Power Adapter
- Belt Clip
- LS180 Ni-MH Rechargeable Battery Pack

## Install the Handset and Charger

### Install Battery Pack

- Open the **Battery** compartment.
- Insert the **Battery** plug into the two-pin jack, and insert the **Battery**.



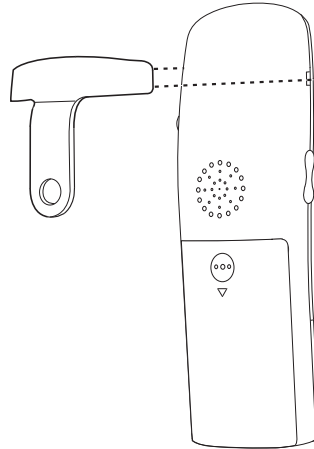
- Replace the **Battery** cover.

Use only the LifeShield LS180 Battery Pack.

## Add the Handset

### Attach Belt Clip

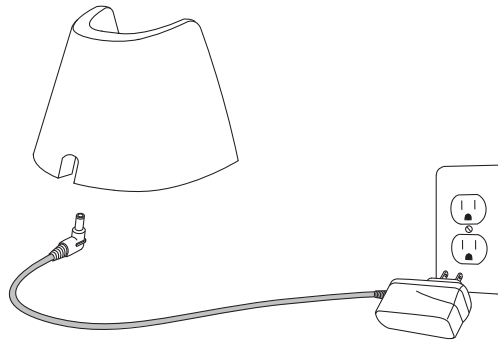
Snap the **Belt Clip** onto the sides of the **Handset**.



The phone system comes with various settings pre-defined from the factory. Should you want to change these settings, we suggest waiting until after you activate your system. These settings include ring tones, ring volume, distinctive ringing, display contrast, etc.

### Connect the Charging Cradle

Connect the **Charging Cradle** power adapter to the bottom of the **Charging Cradle** and to the electrical wall outlet.



### Charge the Handset

Place the **Handset** in the **Charging Cradle**. When properly seated on the cradle, the amber light on the front of the cradle will be illuminated.

Immediately place the **Handset** in the **Charging Cradle** that came packed with the **Handset**. THE HANDSET MUST BE CHARGED FOR AT LEAST 30 MINUTES PRIOR TO ATTEMPTING ANY SECURITY SYSTEM INSTALLATION. IT MUST BE CHARGED FOR 2 HOURS BEFORE MAKING PHONE CALLS.



# Installing the Handset

## Add the Handset to Your LifeShield System

Follow these steps for adding an additional **Handset** to a LifeShield system. **Handsets** packed with kits are pre-registered and do not require these steps.

After the initial installation of the LifeShield System, devices may be added to enhance access or performance.

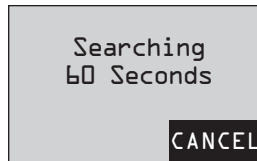
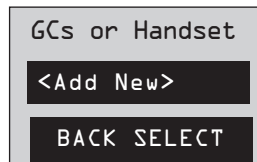
The maximum number of devices that can be added to a LifeShield System is shown in the table to the right.

After the **Handset** and **Charger** are installed, use a **Handset** or **Console** that is already registered on the System to add the new **Handset**.

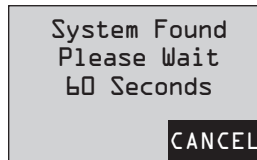
Device	Device Maximum	System Maximum
Handsets	6	8*
Consoles	4	
Grid Extenders	4	

\* The system will allow a maximum of 8 **Handset/Console** or **Grid Extender** combinations.

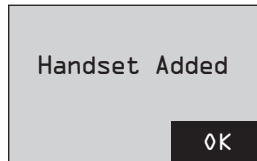
## Add the Handset



### New Handset



### Existing Handset



1. On an Existing **Handset** or **Console**, use the SCROLL and SELECT buttons to navigate to **GC** or **Handset (Menu/Security Setup/GCs or Handset/<Add New>)**

2. Press the SELECT key to **<Add New>**. The system will begin searching for a new **Handset**

3. On the new **Handset**, press the SEARCH key

4. The system display and audio signal will inform you the **Handset** is found

5. You will then be given the option to edit the default name

6. Use DELETE to erase the current name and replace with new text by using the keypad

## Console Kit Contents

KPC1000 LifeShield Console  
PSC0101 Power Adapter  
LS180 Ni-MH Rechargeable Battery Pack  
Table Stand  
Wall Plate

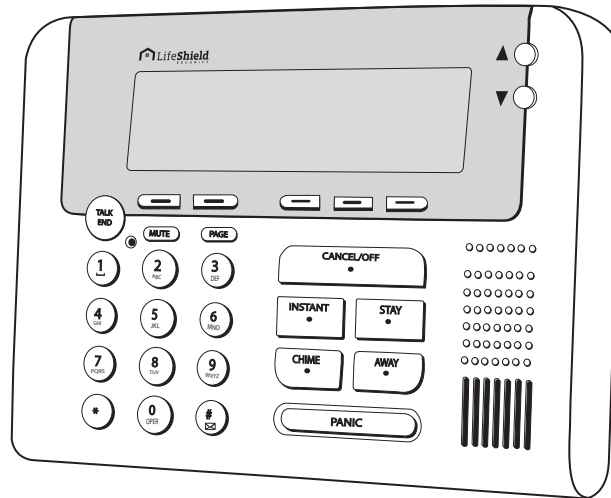
## Determine the Location

The **Console** may be used on a table top, mounted to the wall or on a telephone wall plate near an electrical outlet.

## Install the Console

### Install **Battery Pack**

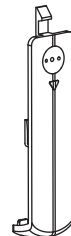
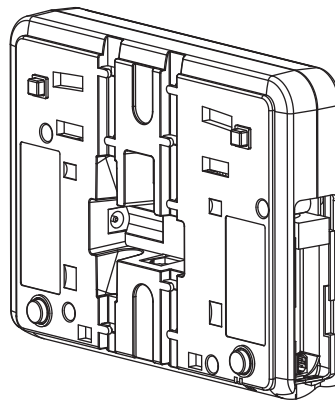
- Locate the **Battery Pack**.
- Remove the battery compartment door.
- Plug the 2-wire battery pack cord into the plug receptacle and insert the battery into the battery compartment.
- Snap on the battery compartment door.



**Console** will illuminate when battery pack is first connected.



**RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.**



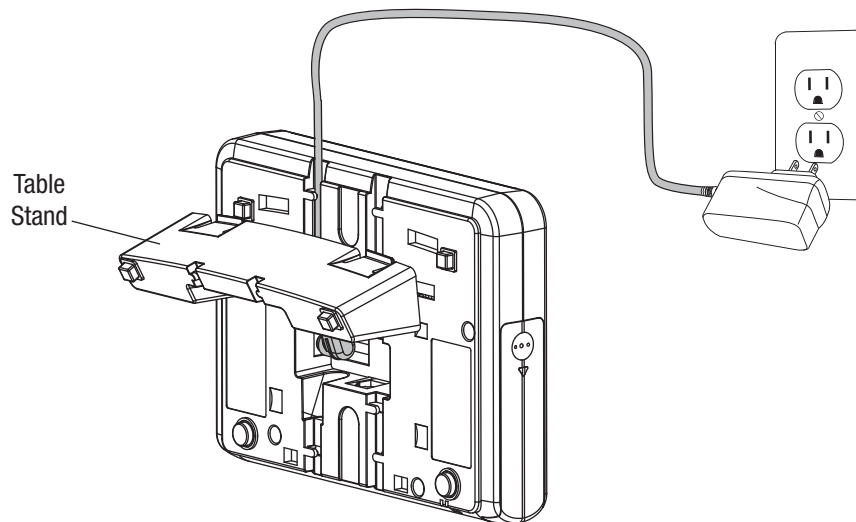
# Installing the Console

## Table Top Use

If placing the **Console** on a table top, perform the following steps.

a) Connect power adapter to the back of the **Console**.

b) Route the power adapter cord through the channel toward the top of the **Console** as shown.



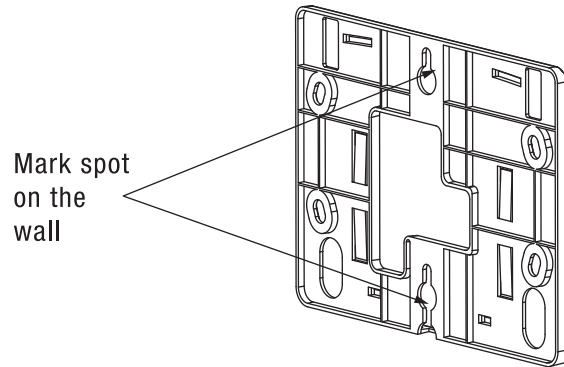
c) Snap the table stand provided in the kit onto the back of the **Console**.

d) Plug the power adapter into nearby electrical wall outlet that is not controlled by a switch.

## Wall Mounting

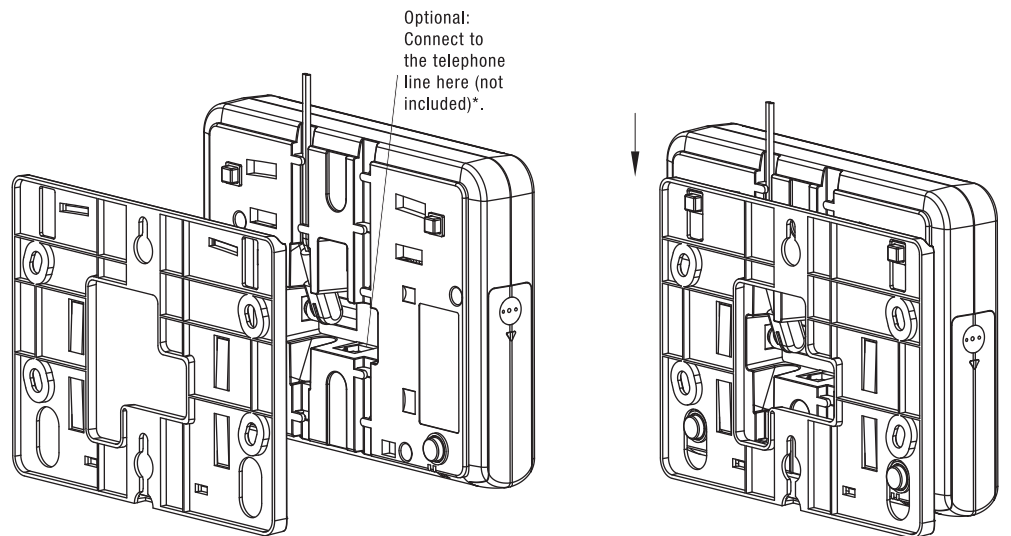
To mount the **Console** to a wall, complete the following steps:

- a) Select a wall location and use the mounting plate as a template for marking the wall for placement.



- b) Drill  $\frac{3}{16}$ " holes and insert drywall anchors (provided) into the holes.

- c) Screw the mounting screws into the anchors leaving the screw heads exposed approximately  $\frac{3}{8}$ " (may require adjustment to achieve a tight fit).



To mount the **Console** onto an existing telephone wall plate (not included) begin at Step d).

# Installing the Console

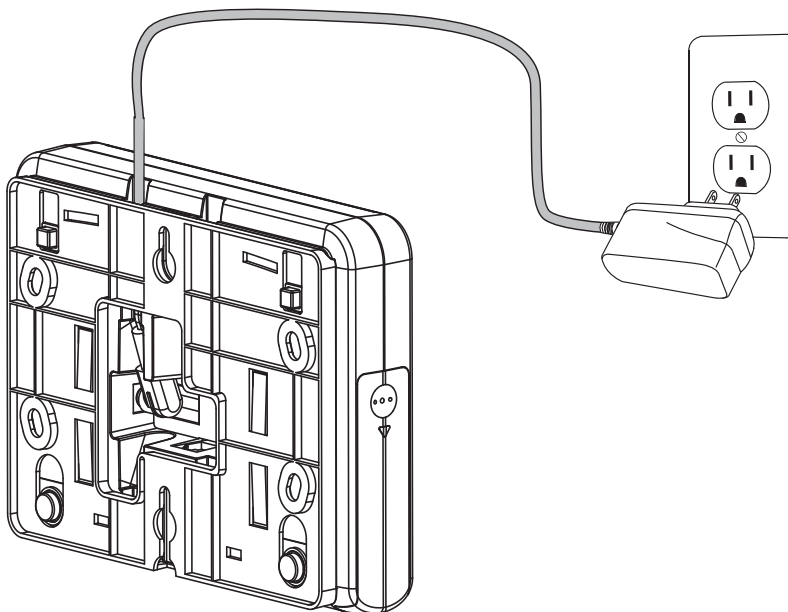


Use only LifeShield LS180 Rechargeable **Battery Pack** supplied with your **Console**.  
Use only PSC0101 Power Supply

Replacement **Battery Packs** are also available through LifeShield's Customer Support at 1-888-392-2044 or online at [www.LifeShield.com](http://www.LifeShield.com). Use only the supplied AC power adapter. Do not use any other adapter.

Place the power adapter cord so that it does not create a trip hazard, or become pinched and create an electrical hazard.

- d) Connect power adapter to the **Console**.
- e) Route the power adapter cord through the channel of the wall mounting plate.
- f) Slide the **Console** with mounting plate onto the wall screws or phone mounting plate.
- g) Plug the power adapter into nearby electrical wall outlet that is not controlled by a switch.



## Add the Console to Your LifeShield System

Follow these steps for adding an additional **Console** to a LifeShield system. **Consoles** packed with starter kits are pre-registered and do not require these steps.

After the initial installation of the LifeShield system, devices may be added to enhance access or performance.

The maximum number of devices that can be added to a LifeShield system is shown in the table.

Device	Device Maximum	System Maximum
Handsets	6	8*
Consoles	4	
Grid Extenders	4	

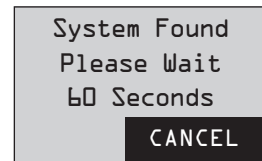
\* The system will allow a maximum of 8 **Handset/Console** or **Grid Extender** combinations.

After the **Console** is installed, use a **Handset** or **Console** that is currently registered on the system to add the new **Console**.

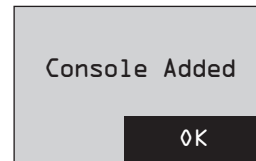
## Adding Another Console

1. On an existing **Handset** or **Console**, use the SCROLL and SELECT buttons to navigate to **GC** or **Handset (Menu/Security Setup/GCs or Handset/<Add New>)**
2. Press the SELECT key to **<Add New>**. The system will begin searching for the new **Console**
3. On the New **Console**, press the SEARCH button
4. The system display and audio signal will inform you the **Console** is found. Press OK

### New Console



### Existing Handset



5. You will then be given the option to edit the default name

### New Console



6. Use DELETE to erase the current name and replace with new text by using the keypad
7. Press OK

# Installing the Grid Extender



**RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.**



Use only LifeShield LS180 Rechargeable **Battery Pack** supplied with your **Grid Extender**.

Replacement battery packs are also available through LifeShield Customer Support at 1-888-392-2044 or online at [www.LifeShield.com](http://www.LifeShield.com).

Do not place wires or cables where they may create a trip hazard, or where they could become pinched and create an electrical hazard.

Do NOT use AC power outlets that are controlled by a wall switch

## Grid Extender Kit Contents

GEC1000 Grid Extender  
LS180 Ni-MH Rechargeable Battery Pack

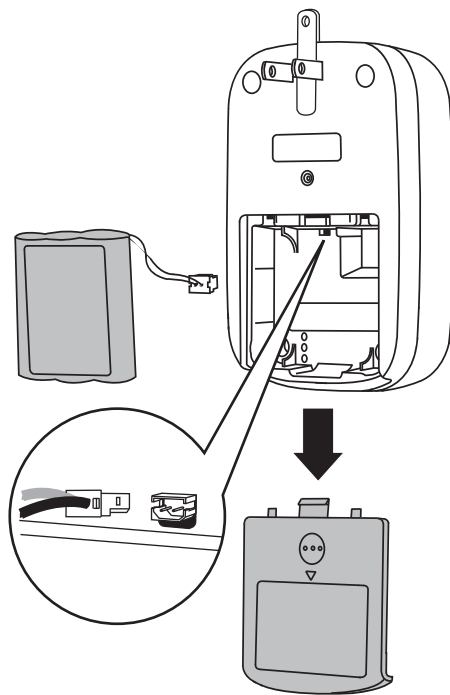
## Determine the Location

Place the **Grid Extender** in a location that is spread apart from the **Console** and **Base**, such as a second floor location. Having these devices spread throughout the home will maximize system coverage. A power outlet is required to operate the **Grid Extender**.

## Install the Grid Extender

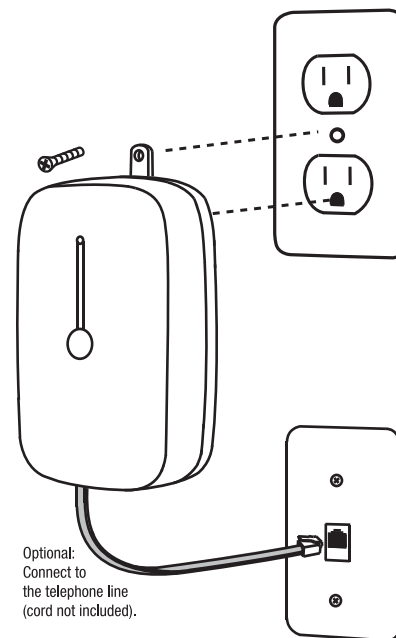
### INSTALL BATTERY PACK

- Open the **Battery** compartment.
- Insert the **Battery** plug into the two-pin jack, and insert the **Battery**.
- Replace the **Battery** cover.
- Plug the **Grid Extender** into the electrical wall outlet.



### Securing Grid Extender (Optional)

- For personal safety, turn the power to the outlet OFF at the circuit breaker
- Leave the wall plate on the outlet, but remove the center screw



- Plug the **Grid Extender** into the electrical outlet with the phone jack facing down
- Replace the center screw by inserting it through the tab on the **Grid Extender**
- Turn the power back ON at the circuit breaker

### Adding Additional Phone Backup (optional)

Plug one end of a phone cord into the phone jack on the bottom of the **Grid Extender** and the other into an active phone wall jack\*

\*For DSL use DSL filter

# Installing the Grid Extender

## Add the Grid Extender to Your LifeShield System

Follow these steps for adding an additional device to an existing system. Devices packed with kits are pre-registered and do not require these steps.

After the initial installation of the LifeShield System, components may be added to enhance access or performance. The maximum number of devices that can be added to a LifeShield system are shown in the table.

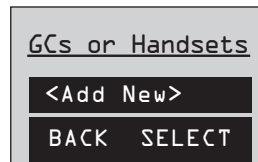
After the hardware is installed, use a **Handset** or **Console** that is currently registered on the System to follow the steps for adding the **Grid Extender**.

After installing the hardware, enter MENU on your **Handset** or **Console**.

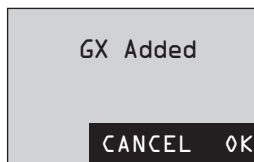
Device	Device Maximum	System Maximum
Handsets	6	8*
Consoles	4	
Grid Extenders	4	

\* The system will allow a maximum of 8 **Handset/Console** or **Grid Extender** combinations.

1. Scroll to **Security Setup** and press SELECT
2. Enter Code
3. Scroll to **GCs** or **Handsets** and press SELECT



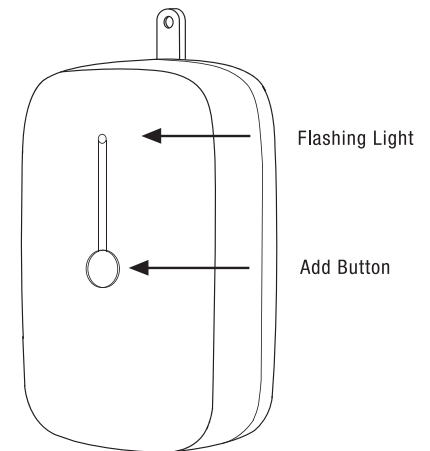
4. Press the SELECT key to **<Add New>**. The system will begin searching for the new **Grid Extender** you are adding
5. On the **Grid Extender**, press and hold the center button until the green light rapidly flashes
6. The following messages will appear on the **Handset** or **Console** when the system has found and added the **Grid Extender**



7. Press OK when you have been informed that the GX has been added.
8. You will then be given the option to edit the default name.



9. Use DELETE to erase the current name and replace with new text by using the keypad
10. Press OK when editing is complete





# Installing the Sensor

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INSTALL **SENSORS** ONE AT A TIME FOLLOWING THE STEPS IN THE EXACT ORDER.

t

DO NOT CLIP THE **SENSOR** INTO THE **BRACKET** UNTIL THE **BRACKET** AND **MAGNET** ARE INSTALLED ON THE DOOR OR WINDOW.



**THE MAXIMUM DISTANCE BETWEEN THE BRACKET AND MAGNET SHOULD BE NO MORE THAN 3/4".**

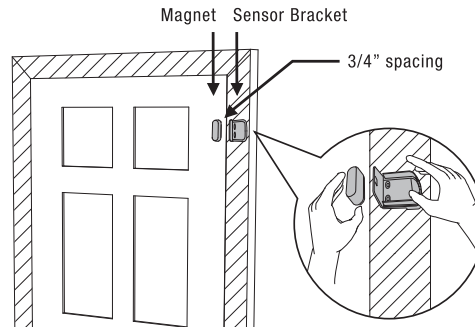
t

**Insufficient Mounting Space:** If your door frame does not provide enough room for mounting the **Bracket**, you may need to use a **Sensor Extension**.

**Metal Doors and Windows:** If you are mounting a **Magnet** to a metal door or metal window, install a Spacer under the **Magnet** to maintain performance.

## Sensor Kit Contents

**Sensor**  
**Magnet**  
**Magnet Tape**  
**Magnet Spacer**  
**Bracket**  
**Bracket Tape**  
**Bracket Spacer**

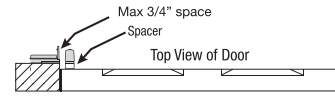


## Bracket and Magnet Installation for Doors

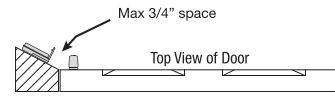
### Determine Bracket and Magnet Location

The **Bracket** and **Magnet** should be positioned on interior side of door within 3/4" of each other.

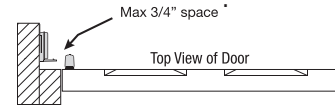
Various mounting positions that will work for attaching **Sensors** to doors:



Door frame is higher than door. To bring **Bracket** in alignment, slide spacer onto the **Magnet**.



**Bracket** on angled door frame and **Magnet** on door

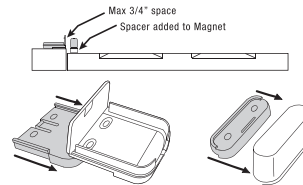


Place **Bracket** at 90° angle to **Magnet** on door.

### Add Spacers (If Needed)

If **Bracket** and **Magnet** do not align within 3/4", add Spacers to either the **Bracket** or **Magnet** to make them level.

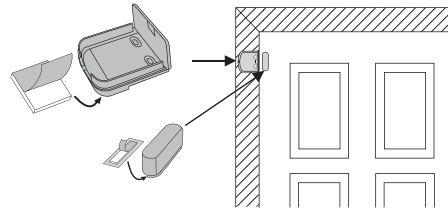
Example: Spacer added to **Magnet** to close the gap between the **Bracket** and **Magnet** to within 3/4".



Spacers slide on **Brackets** and **Magnets**.

## Mount Bracket and Magnet

1. Attach double-sided tape to the bottom of the **Magnet**
2. Attach **Magnet** to the door
3. Attach double-sided tape to the bottom of the **Bracket**
4. Attach the **Bracket** to the door frame



## Install the Sensor

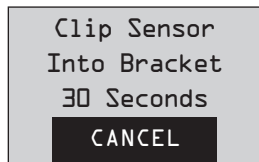
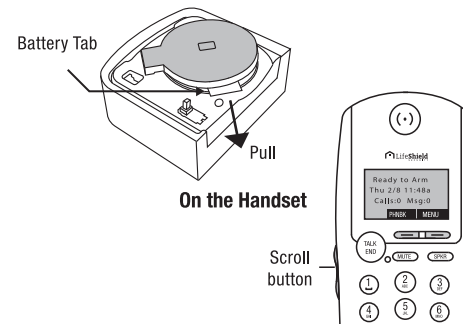
Once the **Bracket** and **Magnet** are attached to the door or window, **Sensors** may be installed. You will need to have the **Handset** with you to install the **Sensor**.

### Remove the battery tab from the Sensor

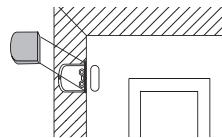
### Enter the Security Menu

Before clipping the **Sensor** into the **Bracket**, press MENU on your **Handset**.

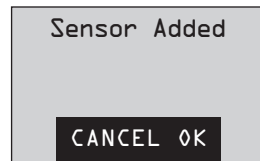
1. Scroll to the **Security Setup** and press SELECT
2. Enter Code and press SELECT (for an initial installation the default code is 1234)
3. Scroll to **Sensors** and press SELECT
4. Scroll to **<Add New>** and press SELECT
5. Scroll to the type of **Sensor** (Open/Close) and press SELECT
6. Wait 5 seconds before clipping the **Sensor** into the **Bracket**. You will then have 30 seconds to complete the installation  
The display shows the time remaining



7. Clip the **Sensor** into the **Bracket**.



The **Handset** will beep when the system finds the **Sensor**. This may take a few seconds.



8. Press OK

# Installing the Sensor

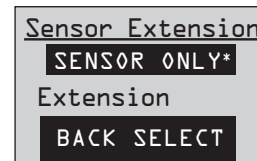
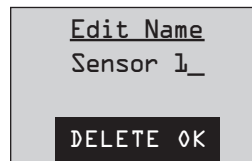
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If your window frame does not provide enough room for mounting the **Bracket**, you may need to use a **Sensor Extension**. See the **Sensor Extension** section in the user manual.

## 9. Edit Sensor Name (Optional)

You may change the name now or at a later time.

- To change the **Sensor** Name, press the DELETE key to remove the default name.
- Using the keys on your **Handset** keypad, type in the desired name. Press OK when complete.



## 10. Sensor Placement: Scroll to **Door** or **Window**. Press OK

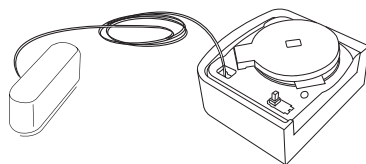
## 11. Alarm Type: Scroll to **Stay & Away**, **Away Only**, or **Convenience**. Press OK

**Stay & Away** means the **Sensor** will be monitored in both Armed Stay and Armed Away modes (i.e. an exterior door). **Away Only** means the **Sensor** will be monitored only in Armed Away mode (i.e. an interior door). **Convenience** means the **Sensor** is only used for text messaging (like a liquor cabinet).

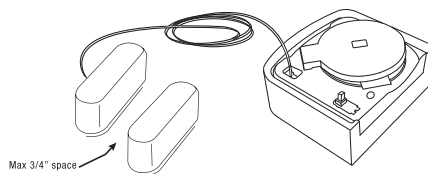
## 12. Sensor Extension: Scroll to **Sensor Only**, **Extension**, or **Both**. Press OK

For standard **Sensor** installation with the **Magnet** next to the **Sensor**, select **Sensor Only**. A **Sensor Extender** is only required if space does not permit the **Sensor** to be placed next to the **Magnet**. In this case, use the **Sensor Extension** pictured below. You may also use the **Sensor** to monitor two windows by selecting **Both**. In this case, the **Sensor** monitors both a **Magnet** next to the **Sensor** and another **Magnet** next to the **Sensor Extension**.

### Sensor Extension



The **Sensor Extension** plugs into the small connector as shown (next to the where the battery cover hinges). The plug/connector are keyed so be careful when inserting the plug into the connector.



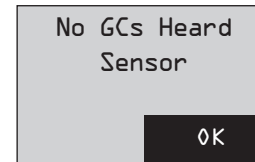
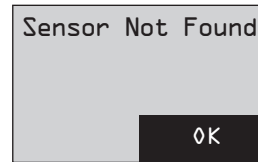
The **Sensor Extension** monitors a **Magnet** up to  $\frac{3}{4}$  of an inch away. The **Sensor** itself may be located at a convenient place up to the distance of the length of the wire included with the **Sensor Extension**.

## Sensor Not Found/Sensor Not Added

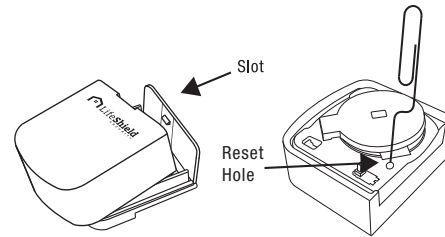
If your system cannot detect a **Sensor** that you are trying to add, the **Handset** will display one of the following messages:

If this occurs, follow the steps below.

1. **Retry:** Using the slot provided on the top of the **Sensor**, gently pry the **Sensor** away from the mounted **Bracket**. Follow the Sensor Reset Steps and repeat the instructions in Section 2



- a) separate the **Sensor** from the **Bracket** using slot



- b) insert paper clip (or similar) into reset hole

If **Sensor** is still “Not Found,” proceed to Step 2.

2. **Isolate Sensor:** Remove the **Sensor** from the **Bracket** and add a different **Sensor** to the same **Bracket**. You can obtain more troubleshooting instructions in the Troubleshooting section of the user manual.

If additional **Sensors** do not work, proceed to Step 3.

3. **Re-position the Sensor and Bracket:** Reset the **Sensor** (as shown above) then move the **Bracket** and **Magnet** to a new location (perhaps just a few inches) up, down or along the door/window frame and retry
4. **Move Grid Controller:** Move one of your **Grid Controllers (Console, Base or Grid Extender)** closer to this **Sensor** mounting location. The most practical type of **Grid Controller** to re-position is most likely the **Grid Extender**

## Test Sensors

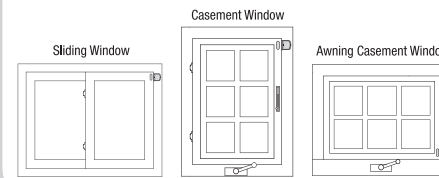
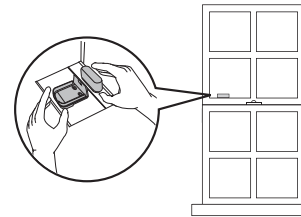
**Sensors** should be tested to make sure they are installed and working properly. To test the **Sensor** installation:

- With the system disarmed, open the door or window. This separates the **Sensor** and **Magnet** and notifies the system.
- This condition will be displayed on the **Console** and **Handset** as **<sensor name> “Open.”**
- You will also hear a chime each time you open and close your door or window.

## Bracket and Magnet Installation for Windows

The process for mounting a **Bracket** and **Magnet** to a window is very similar to installing on a door. See the previously shown door installation instructions.

Various mounting positions that work for attaching **Sensors** to windows:



**MOVING THE GRID EXTENDER OR CONSOLE COULD DISRUPT THE INSTALLATION OF PREVIOUSLY INSTALLED SENSORS. THE SYSTEM WILL BEGIN TO BEEP IF A SENSOR IS NO LONGER WITHIN RANGE OF A GRID CONTROLLER AND THE DISPLAY WILL INDICATE THE NAME OF THE SENSOR THAT IS OUT OF RANGE.**



**Add a Grid Extender:** If a beep results indicating a **Sensor** is out of range, you may need to add a **Grid Extender** or **Console** for additional range.

If these retry solutions do not work, call LifeShield Customer Support for assistance at 1-888-392-2044.

# Installing the Keychain Remote



With Panic enabled, a simultaneous press and hold of the **Stay** and **Away** keys will send an alarm message. LifeShield Central Monitoring authorities will be dispatched immediately without verifying the alarm.

## Keychain Remote Contents



**Keychain Remote**



**CR2032  
3V Lithium  
Battery**

(Installed in the  
Keychain Remote)

## Install the Keychain Remote

Up to 4 **Keychain Remotes** may be assigned to system users.

Each **Keychain Remote** is identified with a User Code. Follow these steps to add a **Keychain Remote**:

You will need a **Handset** or **Console** to add a **Keychain Remote**.

**On the Handset or Console:**

### Enter the Security Menu

1. Scroll to the **Security Setup** and press SELECT.
2. Enter Code.

### Add the Keychain Remote to the System

1. Scroll to **Keychains** and press SELECT.
2. Press SELECT for <Add New>.
3. Wait 5 seconds. When the prompt appears, press all **Keychain** buttons at the same time.  
**You will have 30 seconds to complete this step.**

LifeShield will then verify the **Keychain Remote** is communicating with the system. "**Keychain Found & Added**" will be displayed when done.

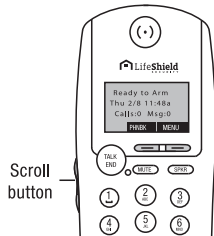
1. Press OK.

### Assign a User

Scroll to the desired User and press SELECT.

### Enable the Panic Feature

Scroll to **Enabled** or **Not Enabled** and press SELECT for the **Panic** feature.



## Visual and Audible Command Confirmations

**Range:** The Keychain Remote is designed to be used within 15 feet of a Console, Base or Grid Extender.

Depending on the state of the system when an arming attempt is made and whether there has been unauthorized activity since the last arming, commands will be confirmed by either green or red blinks, and short and long beep patterns.

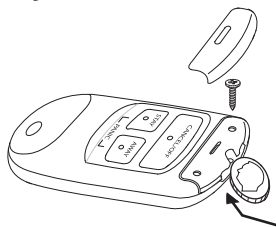
Green blinks indicate that the command to the system has been received and executed or that there has been no unauthorized activity since it was last armed.

Red blinks indicate that the system is not ready to arm or that there has been unauthorized activity since it was last armed.

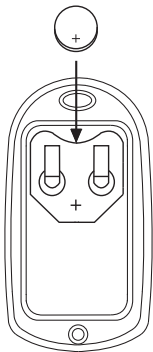
Audible beep patterns confirm that messages have been received by the system.

## Replacing the Battery

1. Use a small coin to pry off the black lens on the top of the **Keychain Remote**.
2. Remove the screw.
3. Turn the **Keychain Remote** over and remove the back cover as shown.



4. Remove the old battery and insert a fresh CR2032 3V Lithium Battery with the plus (+) up as indicated.



5. Re-assemble the **Keychain Remote** by reversing Steps 1-3.

### Key Press Indicators

#### Press Stay or Away (ARM)

Audible	Visual
1 beep	Green blinks – system was successfully armed
3 beeps	Red blinks – system is "Not Ready To Arm"

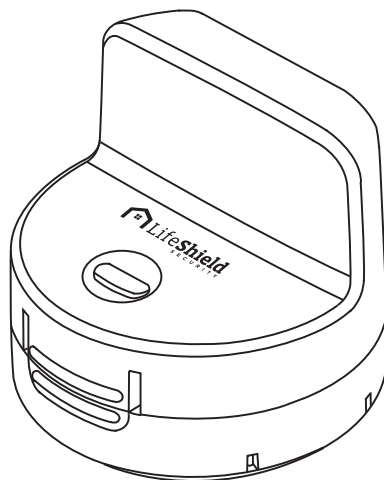
#### Press Off (DISARM)

Audible	Visual
2 beeps	Green blinks – system was successfully disarmed
5 beeps	Red blinks followed by 2 beeps / Green blinks – system was disarmed, but was disturbed in some way prior to being disarmed.

# Installing the Siren Detector

## Siren Detector Contents

SDC1000 Siren Detector  
#6 Screw (2) and Wall Anchor (2)  
CR2450 Battery



## Introduction

**Siren Detectors** operate in tandem with existing home hazard detectors. A “hazard detector” is a device which monitors the home environment for the existence of a hazard condition, such as smoke, fire or carbon monoxide. Hazard detectors utilize internal electronics to sample the surrounding air and monitor for conditions that indicate the occurrence of the targeted hazard. If a hazard condition is sensed, the device typically responds with a visual and/or siren alert.

LifeShield **Siren Detectors** operate differently. LifeShield **Siren Detectors** are designed to monitor for the occurrence of siren sounds coming from a nearby hazard detector. When they detect the siren sound of a hazard detector (located no more than 4 inches away) and the sound meets certain pre-determined audio requirements, the **Siren Detector** will report this event back to the LifeShield system. Upon receiving the siren detection message, the LifeShield system will sound an audio alert on all pre-programmed audio alert devices and (if the LifeShield system is actively monitored under a current service plan and is connected to an operating telecommunications circuit) will send a corresponding message to the monitoring center. This message will be based upon the type of hazard detector for which the siren detector has been configured (“Fire/Smoke” or “Both” setting - a fire alarm message will be sent, “Carbon Monoxide” - a carbon monoxide message will be sent).

# Installing the Siren Detector



THE LIFESHIELD MODEL SDC1000 SIREN DETECTOR DOES NOT DETECT THE EXISTENCE OF HAZARDS SUCH AS FIRE, SMOKE, OR CARBON MONOXIDE. INSTEAD, IT MONITORS FOR AND DETECTS THE SOUND OF HAZARD DETECTOR SIRENS THAT FEATURE ALL FOUR OF THE FOLLOWING CHARACTERISTICS: 1. ARE LOCATED WITHIN 4 INCHES OF THE SIREN DETECTOR, 2. ARE MANUFACTURED IN THE LAST 10 YEARS IN ACCORDANCE WITH UL985 INDUSTRY STANDARDS, 3. CREATE SOUND VOLUME OF AT LEAST 85 DBA AT 10 FEET AT 3000 HZ, AND 4. SOUND FOR AT LEAST 20 CONTINUOUS SECONDS. WHILE MOST HAZARD DETECTORS LESS THAN 10 YEARS OLD MEET THESE REQUIREMENTS, SIREN DETECTOR USERS

ARE EXPECTED TO SUCCESSFULLY TEST THE SIREN DETECTOR TOGETHER WITH THE HAZARD DETECTOR AT LEAST TWICE PER YEAR. IF A SIREN DETECTOR DOES NOT SUCCESSFULLY RESPOND TO A HAZARD DETECTOR SIREN DURING A TEST, IT MUST NOT BE RELIED UPON TO DETECT A SIREN DURING AN ACTUAL HAZARD CONDITION. THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) RECOMMENDS REPLACEMENT OF HAZARD DETECTORS THAT ARE 10 YEARS (OR MORE) OLD SINCE THE INTERNAL ELECTRONICS MAY NO LONGER RELIABLY DETECT HAZARDS.

USERS ARE EXPECTED TO REPLACE HAZARD DETECTOR BATTERIES AT LEAST ONCE PER YEAR SO THAT THE ELECTRONICS (INCLUDING THE SIREN) OPERATE PROPERLY DURING A HAZARD CONDITION.

THE SIREN DETECTOR MUST BE SUCCESSFULLY TESTED (TOGETHER WITH THE HAZARD DETECTOR) AT LEAST TWICE PER YEAR. A LOW BATTERY OR OTHER CONDITION CHANGES MAY CAUSE POOR PERFORMANCE OF THE HAZARD DETECTOR AND/OR SIREN DETECTOR.

ONCE SIREN DETECTORS ARE INSTALLED, TESTING THE SIRENS WITH EXISTING HAZARD DETECTORS MAY RESULT IN A FIRE OR CARBON MONOXIDE MESSAGE BEING SENT TO THE MONITORING CENTER, RESULTING IN AN EMERGENCY DISPATCH TO YOUR PREMISES.

THERE ARE TWO OPTIONS TO AVOID THIS SITUATION:

OPTION A. TEMPORARILY DISABLE THE MONITORING OF YOUR SYSTEM THROUGH YOUR LIFESHIELD WEB ACCOUNT PRIOR TO TESTING THE HAZARD DETECTORS. RE-ENABLE MONITORING AFTER YOU HAVE COMPLETED TESTING.

OPTION B. ON THE HANDSET OR CONSOLE, PUT THE SYSTEM INTO "SENSOR TEST" MODE (UTILITIES -> SYSTEM TEST -> SENSOR TEST ) PRIOR TO TESTING THE HAZARD DETECTORS. THE SYSTEM WILL RETURN TO NORMAL OPERATION WHEN THE TEST IS COMPLETED.

## Installing Your LifeShield Siren Detector

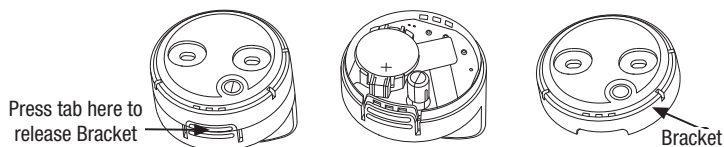
Prior to adding a **Siren Detector** it is necessary to first install and activate your **LifeShield system** and to have a **Handset** and/or **Console** available for use in the **Siren Detector** installation process.

## Select the "Target" Hazard Detector(s)

Choose which existing hazard detector(s) in your home you would like to have monitored. NOTE: **Siren Detectors** are designed to be mounted within 4 inches of an existing hazard detector and may not operate properly if mounted farther away.

## Remove the Siren Detector Bracket

Turn the **Siren Detector** over and press the **Bracket** release tab while gently pulling the bracket away from the device.



IF HAZARD DETECTORS ARE INTERCONNECTED WITHIN A PROTECTED PREMISES, ONE HAZARD DETECTOR MAY SOUND ITS SIREN BASED UPON A SIGNAL RECEIVED FROM ANOTHER INTERCONNECTED HAZARD DETECTOR. IN THIS MANNER, ONE SIREN DETECTOR MAY BE USEFUL FOR MONITORING HAZARDS REPORTED BY MORE THAN ONE HAZARD DETECTOR.

DETERMINE IF ONE OR MORE HAZARD DETECTORS ARE INTERCONNECTED BY PRESSING AND HOLDING THE TEST BUTTON ON ONE HAZARD DETECTOR FOR AT LEAST 30 SECONDS. IF SIRENS ON OTHER HAZARD DETECTORS SOUND DURING THIS TEST, THESE OTHER HAZARD DETECTORS ARE INTERCONNECTED. IF HAZARD DETECTORS IN THE PROTECTED PREMISES ARE NOT INTERCONNECTED, A SIREN DETECTOR IS REQUIRED FOR EACH EXISTING HAZARD DETECTOR IN THE PROTECTED PREMISES THAT NEEDS TO BE MONITORED.

THE USE OF AT LEAST TWO (2) INDIVIDUAL SIREN DETECTORS (MONITORING TWO INDIVIDUAL HAZARD DETECTORS) IS STRONGLY RECOMMENDED, REGARDLESS OF THE EXISTING HAZARD DETECTOR INSTALLATION TYPE.



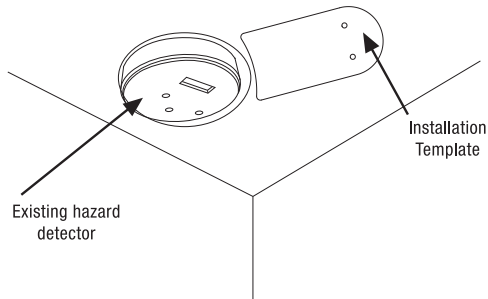
# Installing the Siren Detector

## Select and Mark the Bracket Mounting Location

Locate and remove the Installation Template on the bottom of the **Siren Detector** box.

Place the Installation Template directly next to the (existing) hazard detector so that the large curved side of the template rests against the outer edge of the hazard detector.

Using a pencil or pen, mark the location of the two (screw) hole openings in the template on the ceiling. These marks will be used as a mounting location reference in the next step.

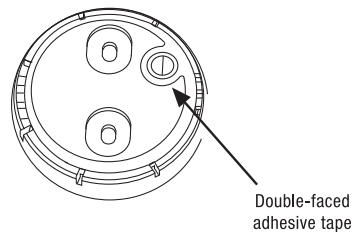


## Install the Siren Detector Bracket

Attach the **Siren Detector Bracket** to the ceiling using either of the two methods described below. Materials for both options are provided.

### a.) Double-faced adhesive tape installation

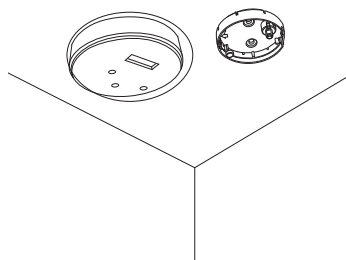
Remove the paper backing from the double-faced adhesive tape. Position the **Siren Detector Bracket** slightly below the ceiling (over the marks made in the previous step) such that the arrow on the inside of the **Bracket** faces the hazard detector. Press the **Bracket** onto the ceiling.



# Installing the Siren Detector

## b.) Screws & wall anchor installation

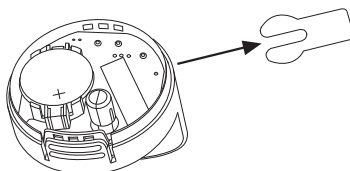
Drill a 1/4 inch hole in each of the marked locations from the previous step and insert the (provided) wall anchors. Secure with the screws provided, making sure that the arrow on the **Bracket** faces the hazard detector.



## Mount the Siren Detector

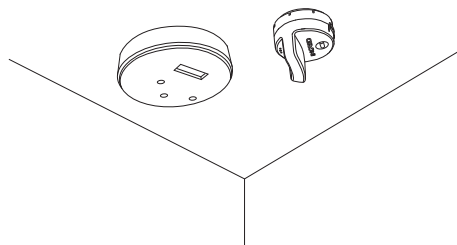
### Remove Battery Insulator Tab

Turn the **Siren Detector** over and locate the battery insulator tab. Remove the tab by pulling it straight out. Discard the battery insulator tab once it is removed.



### Install the Siren Detector

With the **Siren Detector Bracket** securely mounted on the ceiling next to the hazard detector, align the **Siren Detector** with the **Bracket** (as shown) and snap it securely onto the **Bracket**.



## Add the Siren Detector to the LifeShield System

Once the **Siren Detector** has been mounted it must then be “added” to the LifeShield system. You will need a **Handset** or **Console** to add the **Siren Detector**.



**THE SIREN DETECTOR MUST BE SUCCESSFULLY TESTED (TOGETHER WITH THE HAZARD DETECTOR) AT LEAST TWICE PER YEAR. A LOW BATTERY OR OTHER CONDITION CHANGES MAY CAUSE POOR PERFORMANCE OF THE HAZARD DETECTOR AND/OR SIREN DETECTOR.**

**ONCE SIREN DETECTORS ARE INSTALLED, TESTING THE SIRENS WITH EXISTING HAZARD DETECTORS MAY RESULT IN A FIRE OR CARBON MONOXIDE MESSAGE BEING SENT TO THE MONITORING CENTER, RESULTING IN AN EMERGENCY DISPATCH TO YOUR PREMISES.**

**THERE ARE TWO OPTIONS TO AVOID THIS SITUATION.**

**OPTION A. TEMPORARILY DISABLE THE MONITORING OF YOUR SYSTEM THROUGH YOUR LIFESHIELD WEB ACCOUNT PRIOR TO TESTING THE HAZARD DETECTORS. RE-ENABLE MONITORING AFTER YOU HAVE COMPLETED TESTING.**

**OPTION B. ON THE HANDSET OR CONSOLE, PUT THE SYSTEM INTO "SENSOR TEST" MODE (UTILITIES -> SYSTEM TEST -> SENSOR TEST ) PRIOR TO TESTING THE HAZARD DETECTORS. THE SYSTEM WILL RETURN TO NORMAL OPERATION WHEN THE TEST IS COMPLETED.**



**AFTER REMOVING THE BATTERY INSULATOR TAB, PRESS DOWN ON THE TOP OF THE BATTERY TO MAKE SURE IT HAS NOT BEEN DISLODGED IN THE PROCESS OF REMOVING THE TAB.**

# Installing the Siren Detector

1. On the **Handset** (or **Console**), Press MENU
2. Scroll to **Security Setup**, press SELECT and enter the **Master Code**
3. Scroll to **Sensors**, press SELECT
4. Scroll to **<Add New>**, press SELECT
5. Scroll to **Siren Detector**, press SELECT
6. Following the instructions displayed on the **Handset** or **Console** wait 5 seconds, then press the button on the **Siren Detector**

**Note:** Once the **Siren Detector** is “found,” the LifeShield system will require you to perform an audio test to determine if the siren from the target hazard detector can be detected by the **Siren Detector**.

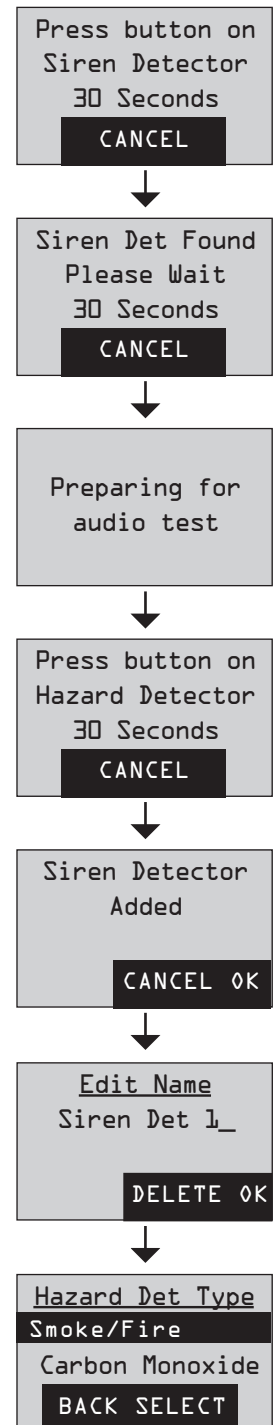
7. Following the instructions displayed on the **Handset** or **Console** press the “test” button on the hazard detector until **Handset** or **Console** displays “**Siren Detector Added**,” which indicates that the test has passed. If the test does not pass within 10 to 12 seconds of the siren sounding, the hazard detector may not meet the requirements described earlier and may need to be replaced. If the test fails, the LifeShield system will not permit the **Siren Detector** to be added.

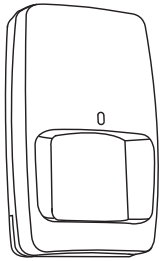
Once the **Siren Detector** has been added to the LifeShield system:

8. Use the **Edit** feature to rename the device (optional). Press DELETE to erase text and use the keypad to type in a new name. Once you are satisfied with the entered name, press OK
9. Scroll down to select the type of hazard detector to which this **Siren Detector** will be associated (SMOKE/FIRE, CARBON MONOXIDE or BOTH) and press SELECT. **Important:** the selection you make during this configuration step will determine the type of message that is sent to the Alarm Monitoring Center as described earlier in this document.
10. Press **OK** to return to the Main Menu

## Testing your Siren Detector

Immediately replace the battery on any **Siren Detector** when you are notified that the battery condition is low. Replace the battery on your hazard detectors at least once per year or whenever you see and/or hear a low battery indication. Hazard detectors and/or the **Siren Detector** may not operate properly when the battery condition is low.



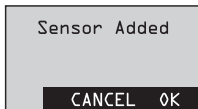
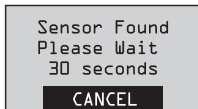
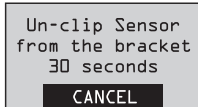


## Install Motion Sensor

1. Remove the **Motion Sensor** and related components from the box and physically install the device according to the manufacturer's printed instructions
2. Once the **Motion Sensor** has been mounted to a flat surface and installed according to the manufacturer's recommendations, move to the next step

## Add the Motion Sensor to the LifeShield System

Starting with the **Motion Sensor** attached to a flat surface:



1. On the **Handset** or **Console**, press MENU
2. Scroll to **Security Setup**, press SELECT and enter the **Master Code**
3. Scroll to **Sensors**, press SELECT
4. Scroll to **<Add New>**, press SELECT
5. Scroll to **Motion**, press SELECT
6. Following the instructions displayed on the LCD screen, wait 5 seconds then detach (remove) the Front Cover of the **Motion Sensor** as illustrated in the manufacturer's printed instructions ("Un-clip Sensor from **Bracket**"). (You will have 30 seconds to complete this step.)

When the **Motion Sensor** has successfully been added you will hear 4 fast confirmation beeps from the LifeShield system. If there are no confirmation beeps, check to make sure that the battery insulator tab has been removed, re-attach the Front Cover and repeat the steps above.

Once the **Motion Sensor** has been added to the LifeShield system:

7. Use the **Edit** feature to rename the device (if desired). Press DELETE to erase text and use the keypad to type a new name.
8. Press OK, then press BACK until the Main Menu is displayed
9. Re-attach the Front Cover of the **Motion Sensor**

## Test the Motion Sensor

1. Move away from the area that is in direct line of sight of the **Motion Sensor** (move to an adjacent room). Wait 3 minutes.
2. On the **Handset** or **Console**, press MENU
3. Scroll to **Utilities**, press SELECT
4. Scroll to **Test**, press SELECT
5. Enter your **Master Code**
6. Select **System Test**
7. Press the SKIP soft key to skip the **Siren Test**
8. Press the OK soft key on next screen for Starting Comm Test
9. Scroll to the name of the **Sensor** that you would like to test, and press SELECT
10. Move back into the line of sight of the **Motion Sensor** (this will trigger the device).

If the **Motion Sensor** test is successful, the LCD screen will display "Sensor xxx Passed." If these words do not appear, return to "Add the Motion Sensor to the LifeShield System."



**NOTE:** It is important to follow the manufacturer's printed instructions regarding (a) battery installation and activation, (b) setting adjustment, (c) mounting and installation and (d) range adjustment (walk test) prior to moving on to the next step involving integration of this device with your LifeShield system. Please note that it is not necessary to "PROGRAM" the device at this time.



If you require additional assistance with setup or installation, please contact LifeShield Customer Support at 1-888-392-2044.

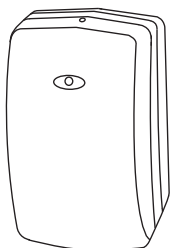
# Installing the Glassbreak Sensor



A LifeShield system (including a **Base** and at least one **Handset** or **Console**) must be installed before a **Glassbreak Sensor** can be added.



If you require additional assistance with setup or installation, contact LifeShield Customer Support at 1-888-392-2044.



## Install Glassbreak Sensor

1. Remove the **Glassbreak Sensor** and related components from the box and physically install the device according to the manufacturer's printed instructions.

**NOTE:** It is important to follow the manufacturer's printed instructions regarding (a) connecting the batteries, (b) adjusting the sensitivity, (c) selecting the location and (d) mounting the device prior to moving on to the next step involving integration of this device with your LifeShield system. Please note that it is not necessary to "Enroll" the device at this time.

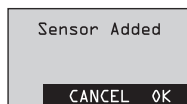
2. Mount the **Glassbreak Sensor** to a flat surface and close the front cover.

## Add the Glassbreak Sensor to the LifeShield System

Starting with the **Glassbreak Sensor** mounted to a flat surface with the front cover closed:

1. On the **Handset** or **Console**, press MENU
2. Scroll to **Security Setup**, press SELECT and enter the **Master Code**
3. Scroll to **Sensors**, press SELECT
4. Scroll to **<Add New>**, press SELECT
5. Scroll to **Glassbreak**, press SELECT
6. Following the instructions displayed on the LCD screen:

Wait 5 seconds then open the front cover of the **Glassbreak Sensor** ("Un-clip Sensor from Bracket"). (You will have 30 seconds to complete this step.) When the **Glassbreak Sensor** has successfully been added you will hear 4 fast confirmation beeps from the LifeShield system. If there are no confirmation beeps, check to make sure that the battery insulator tab has been removed and repeat the steps above.



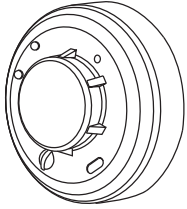
Once the **Glassbreak Sensor** has been added to the LifeShield system:

7. Use the **Edit** feature to rename the device (if desired). Press DELETE to erase text and the keypad to type new a one.
8. Press OK, then press BACK until the Main Menu is displayed
9. Shut the front cover of the **Glassbreak Sensor**

## Test the Glassbreak Sensor

1. On the **Handset** or **Console**, press MENU
2. Scroll to **Utilities**, press SELECT
3. Scroll to **Test**, press SELECT
4. Enter your **Master Code**
5. Select **System Test**
6. Press the SKIP soft key to skip the **Siren Test**
7. Press the OK soft key on next screen for Starting Comm Test
8. Scroll to the name of the **Sensor** that you would like to test, and press SELECT
9. Tap strongly on the front cover of the **Glassbreak Sensor**

If the **Glassbreak Sensor** test is successful, the LCD screen will display "Sensor xxx Passed." If these words do not appear, return to "Add the **Glassbreak Sensor** to the LifeShield System."

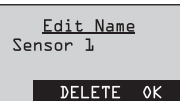
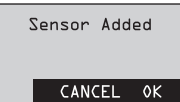
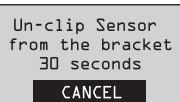


## Install Smoke Sensor

1. Remove the **Smoke Sensor** and related components from the box and physically install the device according to the manufacturer's printed instructions.
2. Once the mounting bracket is secured to the ceiling, attach the **Smoke Sensor** into it.

## Add the Smoke Sensor to the LifeShield System

Starting with the **Smoke Sensor** attached to the mounting bracket:



1. On the **Handset** or **Console**, press MENU
2. Scroll to **Security Setup**, press SELECT and enter the **Master Code**
3. Scroll to **Sensors**, press SELECT
4. Scroll to **<Add New>**, press SELECT
5. Scroll to **Smoke Sensor**, press SELECT
6. Following the instructions displayed on the LCD screen:  
Wait 5 seconds then detach the **Smoke Sensor** from the mounting bracket ("Un-clip Sensor from bracket"). (You will have 30 seconds to complete this step.)

When the **Smoke Sensor** has successfully been added you will hear 4 fast confirmation beeps from the LifeShield system. If there are no confirmation beeps, check to make sure that the battery insulator tab has been removed, re-attach the **Smoke Sensor** to the mounting bracket and repeat the steps above. Once the **Smoke Sensor** has been added to the LifeShield system:

7. Use the **Edit** feature to rename the device (if desired). (Press DELETE to erase text and the keypad keys to type new ones).
8. Press OK, then press BACK until the Main Menu is displayed
9. Re-attach the **Smoke Sensor** to the mounting bracket

## Test the Smoke Sensor

1. On the **Handset** or **Console**, press MENU
2. Scroll to **Utilities**, press SELECT
3. Scroll to **Test**, press SELECT
4. Enter your **Master Code**
5. Select **System Test**
6. Press the SKIP soft key to skip the **Siren Test**
7. Press the OK soft key on next screen for Starting Comm Test
8. Scroll to the name of the **Sensor** that you would like to test, and press SELECT
9. On the **Smoke Sensor**, press the small **Test** button located on the front cover for at least 30 seconds

If the **Smoke Sensor** test is successful, the LCD screen will display "Sensor xxx Passed." If these words do not appear, return to "Add the Smoke Sensor to the LifeShield System."



It is important to follow the manufacturer's printed instructions regarding placement of the device (location), installation (mounting) and battery activation (including removal of the battery tab insulator paper) prior to moving on to the next step involving integration of this device with your LifeShield system.



NOTE: If you require additional assistance with setup or installation, please contact LifeShield Customer Support at 1-888-392-2044.

# Installing the Flood (Water) and Temperature Sensor

## LifeShield Supported Operating Modes and Settings





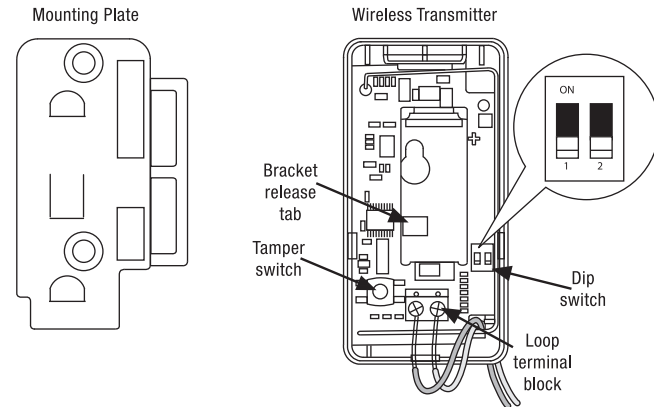
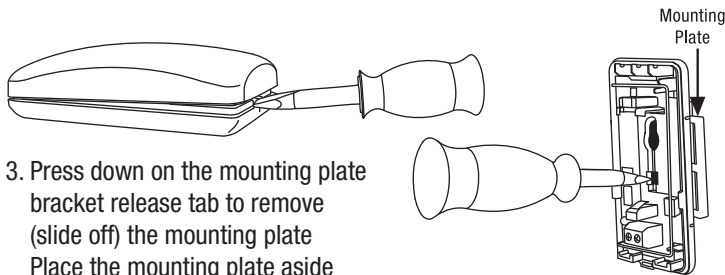
Operating Mode	DIP Switch setting	Triggers when...	Resets when...	External probe
<b>Cold temperature sensing</b>		Temperature drops below 45°F (7°C) for more than 10 minutes	Temperature rises to above 48°F (9°C) for more than 4 minutes	_____
<b>Hot temperature sensing</b>		Temperature rises above 95°F (35°C) for more than 10 minutes	Temperature drops below 92°F (33°C) for more than 4 minutes	_____
<b>Warm temperature sensing</b>		Temperature rises above 75°F (24°C) for more than 10 minutes	Temperature drops below 72°F (22°C) for more than 4 minutes	_____
<b>Flood (Water) sensing</b>		External probe tips are in contact with water for more than 3 minutes	External probe tips have been out of contact with water for more than 3 minutes	<b>REQUIRED</b>

Table 1



### Install The Sensor

1. Locate the Honeywell 5821 (red and white) box and remove the white wireless transmitter from the box.
2. Using a flat object such as a screwdriver, pry off the top cover of the transmitter and set it aside.



3. Press down on the mounting plate bracket release tab to remove (slide off) the mounting plate  
Place the mounting plate aside
4. Reference Table 1 to determine the desired sensing type (Hot Temp, Cold Temp, Warm Temp or Flood [water])  
Using the tip of a paperclip (or similar object) push the white (sliding) buttons of the **DIP switch** (see illustration) into the configuration that corresponds to the desired sensing type

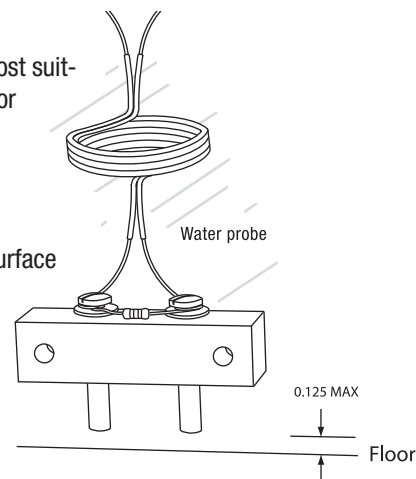
# Installing the Flood (Water) and Temperature Sensor

5. Follow the appropriate steps associated with the sensing type of the **Sensor**

a.) **Temperature Sensor (Hot, Warm or Cold) sensing:** Locate the mounting bracket where it will be most suitable for **Temperature Sensing** (for example on a wall, ceiling, etc.). Using either the supplied screws or double-faced adhesive tape, secure the mounting bracket to a flat surface (wall or ceiling).

b.) **Flood (water) sensing:**

i. Locate the water probe assembly (with wires attached as shown) and mount it near the “baseline” surface (ex. floor) using the supplied double-faced tape or suitable wall mounting screws (not supplied). It is recommended that the probe be mounted between 0 to 1/8” above the baseline surface.



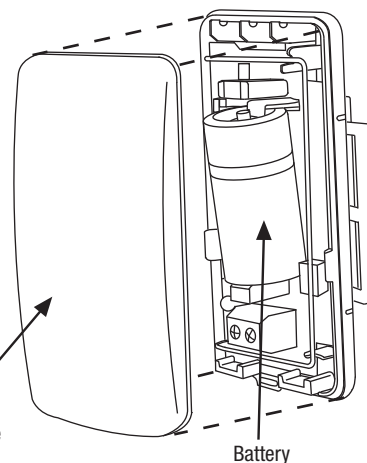
ii. Loop the free end of the **Water Probe** wire through the back of the wireless transmitter (as shown in illustration) and connect the wire pair to the loop terminal block by inserting the wires (individually) into the loop terminals and tightening the screws.

iii. Determine the best location to install the mounting plate above the location where the **Water Probe** has been installed, being careful not to position it too high (beyond the length of the wires now connecting the water probe and wireless transmitter).

iv. Using either the supplied screws or double-faced adhesive tape, secure the mounting bracket to a flat surface (wall or ceiling).

6. Install the CR123 battery (supplied) into the wireless transmitter noting the correct orientation of the positive (+) and negative (-) ends

7. Position the wireless transmitter over the mounting plate and slide the wireless transmitter securely into place (until it “clicks”)



Note: Do not re-attach cover until you have added this device to the LifeShield system



# Installing the Flood (Water) and Temperature Sensor

## Add the Sensor to the LifeShield System

Once the **Temperature and Flood (Water) and Temperature Sensor** is installed it must be “added” to the LifeShield system in order to function. You will need a **Handset** or **Console** to add it.

Enter the **Security** menu on the **Handset** (or **Console**)

1. On the **Handset** or **Console**, Press MENU
2. Scroll to **Security Setup**, press SELECT and enter the **Master Code**
3. Scroll to **Sensors**, press SELECT
4. Scroll to **<Add New>**, press SELECT
5. Scroll to **Environmental**, press SELECT
6. Following the instructions displayed on the **Handset** or **Console**, wait 5 seconds, then press and release the red tamper switch button on the wireless transmitter (see illustration)

Once the **Sensor** has been added to the LifeShield system:

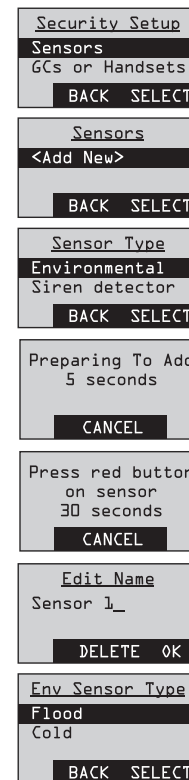
7. Use the **Edit** feature to rename the device (optional). Press DELETE to erase text and use the keypad to type in a new name. Once you are satisfied with the entered name, press OK
8. Scroll down to select the type of condition to which this **Sensor** will be associated (Flood, Cold, Warm or Hot) and press SELECT
9. Press OK to return to the Main Menu
10. Position the top cover in place over the wireless transmitter and snap it into place, being careful not to pinch or cut the wires leading to the **Water Probe** (if the **Sensor** is set up for Flood detection)

## Testing as a Flood (Water) Sensor

1. On the **Handset** or **Console**, Press MENU
2. Scroll to **Utilities**, press SELECT
3. Scroll to **Test**, press SELECT
4. Enter your **Master Code**
5. Select **System Test**
6. Press the SKIP soft key to skip the **Siren Test**
7. Press the OK soft key on next screen for Starting Comm Test
8. Scroll to the name of the **Sensor** that you would like to test, and press SELECT
9. Place the **Water Probe** directly into water (or alternately place a piece of wet cloth between the probe legs) and wait at least three (3) minutes

If the **Sensor** test is successful, the LCD screen will display "Sensor xxx Passed." If these words do not appear, return to "Add the Sensor to the LifeShield System."

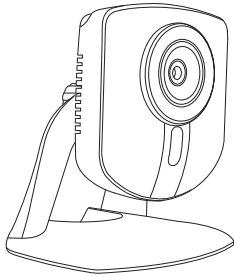
NOTE: If you require additional assistance with setup and installation please contact LifeShield Customer Support at 1-888-392-2044.



(Scroll down for warm & hot)

## Testing as a Temperature (Hot, Cold, Warm) Sensor

The temperature sensing aspects of the Honeywell Model 5821 can be tested in the same manner as above with the use of specialized equipment that is capable of increasing or lowering the ambient temperature in the environment surrounding the **Sensor** (as needed to result in activation).



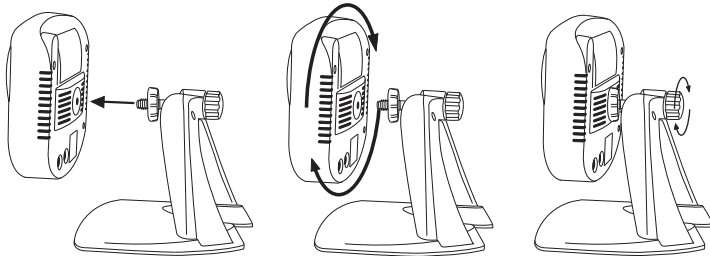
## HomeView Camera Kit Contents

Model CMC1000 HomeView Camera  
AC Power Adapter  
Camera Stand  
Device Guide  
Internet Cable (Ethernet)

## Installing Your LifeShield HomeView Camera(s)

*Prior to adding the camera it is necessary to first install and activate your LifeShield system. Following system activation you will need a **Handset** and/or **Console** available for use in the **Camera** installation process.*

### Attach Camera to Stand



### Attach Camera to stand as shown.

The **Model CMC1000 HomeView Camera** can be connected to your home's router/modem in one of the following configurations. Choose which configuration best meets your needs and follow the installation instructions for that connection method.

# Installing the Camera

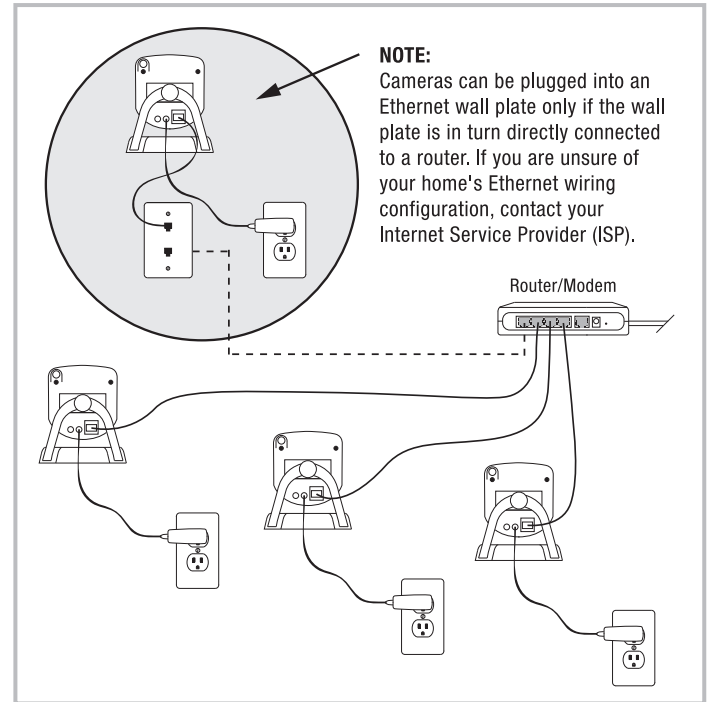
## Install the Camera

### Home Ethernet Network

#### a) First Camera

1. Plug one end of the supplied Internet cable into the receptacle labeled “LAN” on the back of the **Camera**. Plug the other end either directly into your router or into an available home Ethernet wall plate receptacle
2. Plug the supplied AC power adapter into the port on the back of the **Camera** labeled “Power.” Plug the other end into an available AC power outlet
3. Follow the steps in “**Add the Camera to the LifeShield System**” section of this guide

#### b) Second, third and fourth Camera: Repeat the steps above for each additional Camera, making sure to add one camera at a time.



### Powerline Adapter Network

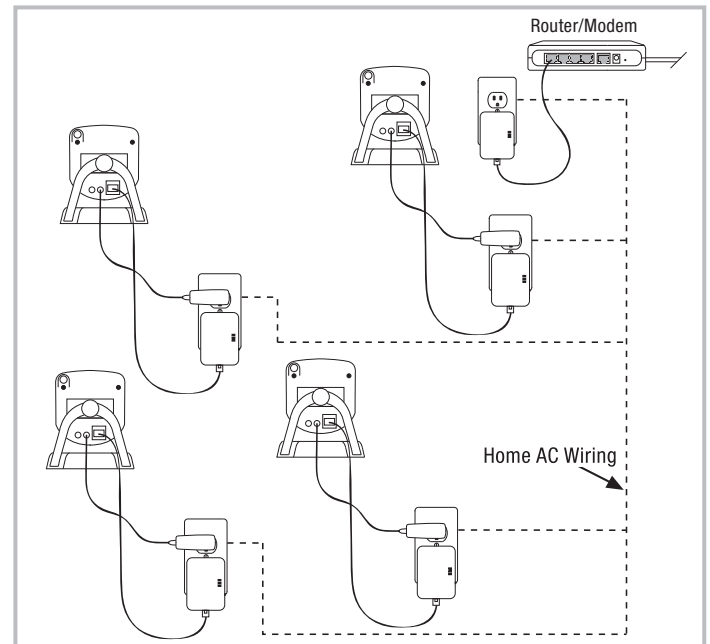
#### a) Install Powerline Adapter at the home router/modem.

1. Plug a Powerline Adapter into an available AC wall outlet close to the router/modem
2. Connect one end of the Internet cable (supplied) into the bottom of the Powerline Adapter and the other end into an available port on your router/modem.

#### b) First Camera

1. Choose the location for the **Camera** (must have an AC wall outlet nearby with two (2) available receptacles)
2. Plug one end of the supplied Internet connection cable into the port labeled “LAN” on the back of the **Camera**. Plug the other end into the bottom of the nearby Powerline Adapter
3. Plug the supplied AC power adapter into the port on the back of the **Camera** labeled “Power.” Plug the other end into the AC wall outlet

#### c) Second, third and fourth Camera: Repeat Step b above for each additional Camera, making sure to add one Camera at a time.



## Add the Camera to the LifeShield System

The **HomeView Camera(s)** must be sequentially “added” to the LifeShield system in order to function. You will need a **Handset** or **Console** to add your **Camera(s)**.

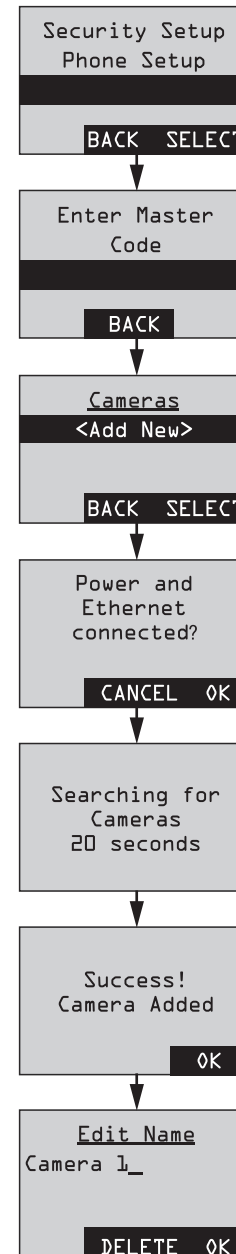
1. On the **Handset** or **Console**, Press MENU
2. Scroll to **Cameras**, press SELECT and enter **Master Code**
3. Scroll to **<Add New>**, press SELECT and follow the steps displayed on the LCD screen

The LifeShield system will automatically search your home network for the newly added **Camera(s)**. As it finds the newly added **Camera** you will be prompted to name it, then press OK

To edit the **Camera** name (optional) press DELETE to erase text and use the keypad to type in a new name. Once you are satisfied with the entered name, press OK

## How to Reset the Camera

If for any reason the LifeShield system is not able to connect to the **Camera**, resetting the **Camera** to factory defaults and re-adding it may solve the problem. To reset the **Camera**, locate the "RESET" button hole on the bottom right side of the **Camera**. Insert a paperclip to depress the button and hold it there for at least 10 seconds (until the green Power and Network LEDs remain on solidly), then release it. This will start the **Camera's** automatic reset process. Wait at least 30 seconds then try re-adding it to the LifeShield system.



**NOTE:** Before adding a **Camera**, make sure that the green "Power" LED is solidly lit, indicating it is ready to be added.



**INSTALLATION TIP** - If you have physically connected all **Cameras** to the network before Step 3 you will need to add them one at a time by returning to <Add New> until all **Cameras** are found and added. In this case it is better to wait until all **Cameras** are “added”, then change the names afterwards. Once they are added you can view and rename them using LifeShield.com

# Using Your Security System



For detailed information on operating the phone system, refer to the **Using Your Telephone System** section of this User Manual.

This section will provide you with detailed information on how to use your **LifeShield Home Security** system and includes the following information:

- Controls and functions
- Arming and disarming
- Bypassing Sensors
- Setting entry and exit delays
- Panic alarms
- Chimes
- User codes
- Suppress troubles
- Event logs
- Home Connect
- Notifications
- Weather updates

This section provides descriptions and diagrams of each of the main **LifeShield Home Security** system components, along with a listing of controls and functions.

## Base Controls and Functions

The **Base** is one of three **Grid Controllers (GCs)** — **Base**, **Console** and **Grid Extender** — that communicate with each other and with the **Sensors** in its coverage area. The **Base** also communicates with the **Handset**.

The **Base** provides your **LifeShield Home Security** system's broadband interface.

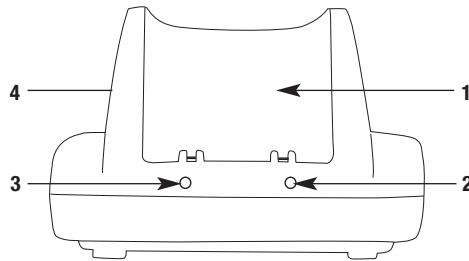


Figure 15. Base - Front View

1. **Handset Cradle** – **Handset** charges while in the cradle
2. **Charging LED** – Illuminates amber when **Handset** is properly seated in the cradle for charging
3. **Armed Status LED** – Illuminates red when system is armed
4. **Page Button** – Activates audible tone on **Handsets** for locating



The **Base** should be located where you have a Modem/Router for Internet connectivity.

The **Base** has a charging cradle which can be used as an alternative to the **Handset** charging cradle.

The **Base** includes battery backup for continued operation during power outages.



Always ensure that your **GCs** are plugged into an electrical wall outlet that is not controlled by a switch.

# Console Controls and Functions

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Place the **Console** in a location that is convenient for you to arm and disarm your system, such as by your front door or garage door entrance. For maximum wireless coverage, place in a different room than the **Base** or **Grid Extender**, ideally on an interior wall.

When one of the **GCs**, such as the **Base**, is connected to a phone line, the **Console** also serves as a full-featured speaker phone.

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It is recommended that if you have phone service all **GCs**, including the **Console**, be connected to a phone line to create a backup or secondary communication path to central monitoring.



Moving the **Console** to a different area or room of your home, once the system is installed, could disrupt your coverage. Always verify system operation after such a move by faulting each of your **Sensors** to verify they are still within the coverage area of one of the **GCs**.

## Console Controls and Functions

The **Console** is one of three **Grid Controllers (GCs)** — **Base, Console** and **Grid Extender** — that communicate with each other and with the **Sensors** in its coverage area.

It also provides controls for managing security and telephone functionality of the **LifeShield Home Security** system.

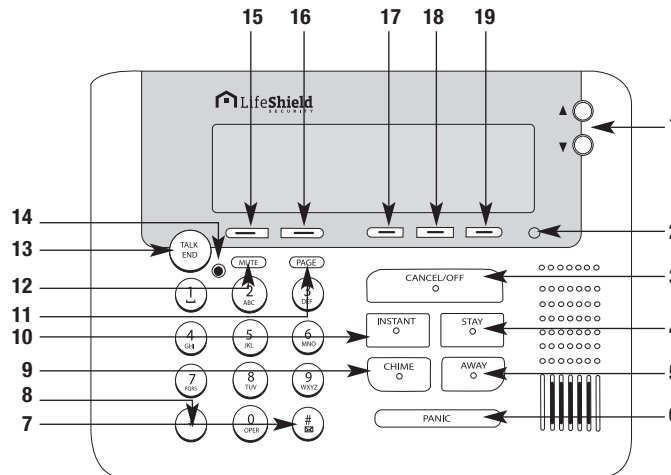


Figure 16. Console - Front View

1. **Scroll Buttons (Up/Down)** – Navigate menus, adjust volume, access recent calls
2. **Armed/Alarm LED**
3. **CANCEL/OFF** – Security Key: Disarm System/Cancel Alarm
4. **STAY** – Security Key: Arms system in Stay mode
5. **AWAY** – Security Key: Arms system in Away mode
6. **PANIC** – Security Key: Sends Panic Alarm
7. **#** – Telephone answering system access
8. **\*** – Pressing \* prior to redialing from recent call list adds a 1 for long distance
9. **CHIME** – Security Key: Turns door chimes on and off
10. **INSTANT** – Security Key: Arms system in Instant mode by pressing prior to STAY and AWAY keys
11. **PAGE** – Activates audible tone on **Handsets** for locating
12. **MUTE** – Mutes phone microphone
13. **TALK/END** – Initiates/ends calls and provides menu exit
14. **Message LED** – Indicates new message waiting
15. **Soft Key** – Changes functions based on menu navigation; active function shown on display above key; Main Display Menu – PHNBK function retrieves phone book entries
16. **Soft Key** – Changes functions based on menu navigation; active function shown on display above key; Main Display Menu – MENU function allows menu navigation
17. **CONNCT** – Provides access to Home Connect functionality
18. **WEATHR** – Provides access to retrieve weather forecasts
19. **ALERTS** – Provides access to retrieve Home Alerts

## Grid Extender Controls and Functions

The **Grid Extender** is one of three **Grid Controllers (GCs)** — **Base**, **Console** and **Grid Extender** — that communicate with each other and with the **Sensors** in its coverage area.

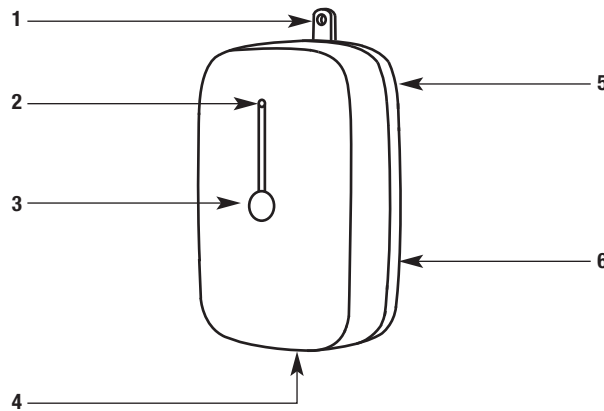


Figure 17. Grid Extender - Front View

1. **Mounting Tab** – Tab for mounting to electrical wall plate (optional — refer to Supplemental Installation section)
2. **Registration LED** – Flashes rapidly during installation process to indicate it's within range of other **GCs**
3. **Registration Button**
4. **Phone Jack**
5. **Electrical Plug (Back)**
6. **Battery Compartment (Back)**

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**Grid Extenders** should be located in a different room than the **Base** or **Console** to extend your home coverage, ideally on an interior wall.

More than one **Grid Extender** can be added to the system to cover larger homes.

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The **Grid Extender** includes battery backup for continued operation during power outages.

LifeShield recommends that all **GCs**, including the **Grid Extender**, be plugged into a phone line to provide backup communications to the Alarm Monitoring Center.



Always ensure that your **Grid Extenders** are plugged into an electrical wall outlet that is not controlled by a switch.

Moving the **Grid Extender** to a different area or room of your home, once the system is installed, could disrupt your coverage. Always verify system operation after such a move by tripping each of your **Sensors** to verify they are still within the coverage area of one of your system's **GCs**.



# Handset Controls and Functions



For detailed information on operating the Telephone System, refer to the Using Your Telephone System section.



You should charge the **Handset** for at least 2 hours before initial use.

## Handset Controls and Functions

The **Handset** provides mobile control of your system around the home. The **Handset** is also a full-featured, Wi-Fi-friendly digital cordless telephone.

You can charge the **Handset** using either the **Charger** or the **Base**.

1. **Headset Jack**
2. **Soft Key** – Changes functions based on menu navigation. Active function shown on display above key. Main Display Menu – MENU function allows menu navigation
3. **SPKR** – Activates speaker phone
4. **#** – Access to telephone answering system
5. **CANCEL/OFF** – Security Key: Disarm System/Cancel Alarm
6. **STAY** – Security Key: Arms system in Stay mode
7. **AWAY** – Security Key: Arms system in Away mode
8. **PANIC** – Security Key: Sends Panic Alarm
9. **Panic Guard** – Protects PANIC key from accidentally getting pressed
10. **CHIME** – Turns Chime on or off
11. **INSTANT** – Security Key: Arms system in Instant mode
12. **\*** – Pressing \* prior to redialing from recent call list adds a 1 for long distance
13. **MUTE** – Mutes call
14. **Scroll Buttons (Up/Down)** – Navigates menus, adjusts volume, accesses recent calls
15. **Message LED** – Indicates new message waiting
16. **TALK/END** – Initiates/ends calls and provides menu exit
17. **Soft Key** – Changes functions based on menu navigation; active function shown on display above key; Main Display Menu – PHNBK function retrieves phone book entries
18. **Handset Earpiece**

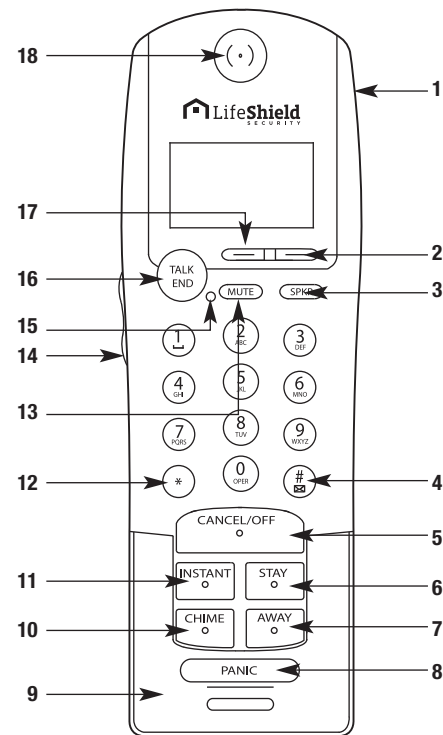


Figure 18. Handset - Front View

## Charger Controls and Functions

The **Charger** is used to charge the **Handset**. Place the **Charger** in a convenient location where AC power is available. The Charging LED is illuminated amber when the **Handset** is properly seated in the cradle for charging.

## Keychain Remote Controls and Functions

The **Keychain Remote** allows you to communicate with your **LifeShield Home Security** system from outside your home with a range of approximately 15 feet from any **GC**.

You can use the **Keychain Remote** to arm and disarm the system, and send **Panic** alarms to the Alarm Monitoring Center in case of an emergency.

1. **OFF** – Security Key: Disarms system or cancels alarm
2. **AWAY** – Security Key: Arms system in Away mode
3. **PANIC** – Security Key: Simultaneously presses the AWAY and STAY keys
4. **STAY** – Security Key: Arms system in Stay mode
5. **Status LED** (See Below)

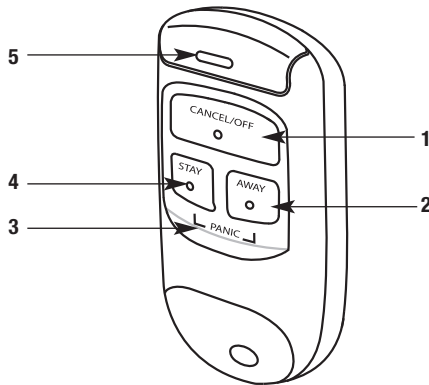


Figure 19. Keychain Remote - Front View

## Keychain Press Indicators

### Press Stay or Away (ARM)

Audible	Visual
1 beep	Green blinks – system was successfully armed
3 beeps	Red blinks – system is “Not Ready To Arm”

### Press Off (DISARM)

Audible	Visual
2 beeps	Green blinks – system was successfully disarmed
5 beeps	Red blinks followed by 2 beeps/Green blinks – system was disarmed, but was disturbed in some way prior to being disarmed

# Sensor Controls and Functions

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**Sensors** that monitor interior points within your home, such as a basement door or a door leading to the garage, can be configured to be monitored only in the Away mode. This prevents false alarms when the system is armed in the Stay mode.

## Sensor Controls and Functions

The standard LifeShield **Sensor** can protect and monitor doors, windows and cabinets such as liquor, medicine and gun. **Sensor** configuration is set on the **Handset, Console** or **LifeShield.com**.

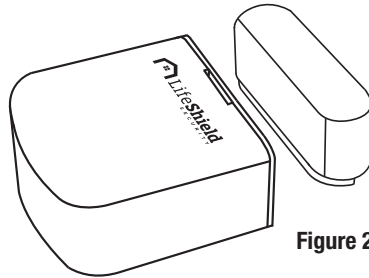


Figure 20. LifeShield Sensor

**Door Sensors** Can be armed Stay, Away and Instant. Stay and Away arming provide an entry delay. (Figure 20)

**Window Sensors** Can be armed Stay, Away and Instant. No entry delay is provided for Window **Sensors**. (Figure 20)

**Convenience Sensors** Do not generate alarms; however, chimes and notifications can be set on [www.LifeShield.com](http://www.LifeShield.com) to notify you when **Convenience Sensors** are opened. (Figure 20)

**Motion Sensors** Honeywell 5894PI **Motion Sensors** can only be armed Away. **Motion Sensors** have a 30-second entry delay when armed. (Figure 21)

**Smoke Sensors** LifeShield **Siren Detectors** and Honeywell 5808W3 **Smoke/Heat Detectors** are always monitored once registered into your LifeShield system. **Siren Detector** monitors existing smoke and carbon monoxide detectors in your home. (Figures 22A and 22B)

**Glassbreak Sensors** Honeywell 5853 Glassbreak Sensors can be armed Stay, Away and Instant. Glassbreak Sensors have no entry delay when armed. (Figure 23)

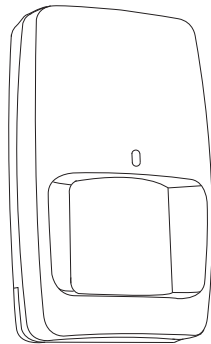


Figure 21. Motion Sensor

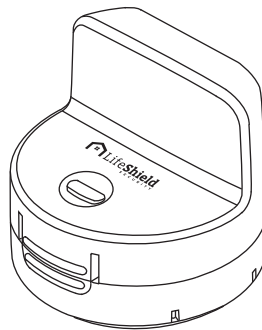


Figure 22A. Siren Detector

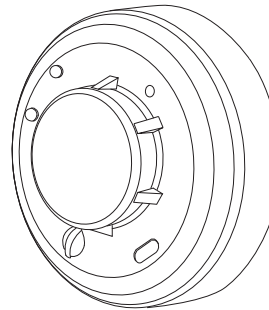


Figure 22B. Smoke Sensor

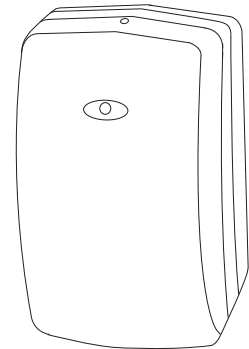


Figure 23. Glassbreak Sensor

There are 3 different modes in which you can arm your **LifeShield Home Security** system: Stay, Away, and Instant Stay. (Refer to Table 1) These are easily set on the **Handset, Console** or **LifeShield.com** (Refer to Figure 24)

## Stay (Staying Home – Day Time)

- **Stay** is typically used when someone is staying home and you want certain **Sensors** to be ignored (i.e. **Motion Sensors** and interior doors).
- Door, window and **Glassbreak Sensors** are factory default to be monitored.
- **Exit and Entry Delay** is provided to allow people time to leave and return.

## Instant Stay (Staying Home – Night Time)

- **Instant Stay** is typically used in the evening when you are not expecting anyone to enter your home.
- No **Exit or Entry Delay** is provided so that when a **Sensor** is faulted, the system will alarm immediately.

## Away (Leaving Home)

- **Away** is typically used when no one is staying home.
- All **Sensors** are monitored except **Convenience Sensors**. **Motion Sensors** are monitored in the Away mode.
- **Exit Delay** is provided allowing you to exit your home before the system is armed.
- **Entry Delay** is provided allowing you to disarm the system upon entry into your home.
- If you don't leave your home after arming Away, the factory default setting reverts to armed Stay. This can be changed on [www.LifeShield.com](http://www.LifeShield.com), Settings tab, under System Settings.

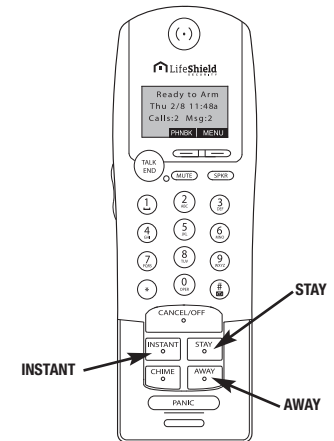


Figure 24. Handset Arm Security Keys

Arming Mode	Exit Delay	Entry Delay
Away	YES	YES
Stay	YES	YES
Instant Stay	NO	NO

Table 1: Arm Mode Summary

# Arming/Disarming Your System



Please refer to the Bypassing Sensors section of this guide to bypass a **Sensor**.

See Exit and Entry Delay Section to enable or disable the audio exit tones.

Arming from LifeShield.com is immediate with no Exit Delay (factory default). This can be changed on [www.LifeShield.com](http://www.LifeShield.com).

The system can also be armed and disarmed remotely by phone. (Please refer to the Enable Remote Access/Use Remote Access section.)



Beware: Remote arming from LifeShield.com or remote dial-in may cause false alarms from family members in the home that are unaware the system has been armed.

Your system can be Armed or Disarmed from your **Handset, Console, Keychain Remote**, [www.LifeShield.com](http://www.LifeShield.com), or from a web enabled mobile device at [www.LifeShield.com](http://www.LifeShield.com).

To arm your system, the system must read **Ready to Arm**. (If the system displays **Not Ready to Arm**, a **Sensor** is open. You can return the system to **Ready to Arm** by closing all **Sensors** or **Bypassing** the open **Sensor**.

## Arming Your System (Handset/Console)

1. Press: STAY, or AWAY or INSTANT
2. Enter your **User Code**
3. The system is armed once the **Exit Delay** has expired

The display will indicate that **Exit Delay** time is counting down until the system is armed. When arming in **Away**, an audio beep will be heard as the time counts down. This audio tone is silent when arming **Stay**.

## Disarming Your System (Handset/Console)

1. Press CANCEL/OFF
2. Enter your **User Code**

There is an **Entry Delay** upon entry to your home before the system will alarm, if the system was armed **Stay** or **Away**.

## Arming Your System (LifeShield.com)

1. Go to [www.LifeShield.com](http://www.LifeShield.com)
2. Enter your **User Name** and **Password**
3. Click **Arm Stay**, **Arm Away** or **Arm Instant** in the **Arm Status** panel
4. Click **Enter**

**Note: No Exit Delay is provided when the system is armed from [www.LifeShield.com](http://www.LifeShield.com) (factory default). To change this setting, go to [www.LifeShield.com](http://www.LifeShield.com), Settings tab, Systems Setting, set Remote Arming Exit Delay to Yes.**



Figure 25. LifeShield - System Arming Buttons



Figure 26. LifeShield - System Armed

# Arming/Disarming Your System

## Disarming Your System (LifeShield.com)

1. Go to [www.LifeShield.com](http://www.LifeShield.com)
2. Enter your **User Name** and **Password**
3. Click **Disarm** located in the **Arm Status** panel
4. Click **Enter**

## Advanced Arming (LifeShield.com)

The system provides you with several advanced arming options, such as **Auto Stay** or **One Touch Arming**.

### Auto Stay

Factory default for **Auto Stay** is **Yes**. If arming **Away** and a door **Sensor** does not open and close during the **Exit Delay** (you don't leave the house), the system will instead arm **Stay** and only **Sensors** defined for monitoring during arm **Stay** will be monitored (i.e., the **Motion Sensor** will be turned off). This prevents false alarms as a result of you staying home.

If the **Auto Stay** is changed to **No**, the system will not require an exit during arming **Away**.

*To change the Auto Stay selection (Figure 27):*

1. Go to [www.LifeShield.com](http://www.LifeShield.com)
2. Enter your **User Name** and **Password**
3. Click **Settings tab**, then **System Settings**
4. Click **Edit**
5. Change the **Auto Stay** selection to **No**
6. Click **Continue**
7. Click **Submit Changes** when requested

### One Touch Arming

The system can be set so that your **User Code** is not needed when arming. To set this mode, change the **One Touch Arming** selection to **Yes** (Figure 27):

1. Go to [www.LifeShield.com](http://www.LifeShield.com)
2. Enter your **User Name** and **Password**
3. Click **Settings tab**, then **System Settings**
4. Click **Edit**
5. Change the **One Touch Arming** selection to **Yes**
6. Click **Continue**
7. Click **Submit Changes** when requested

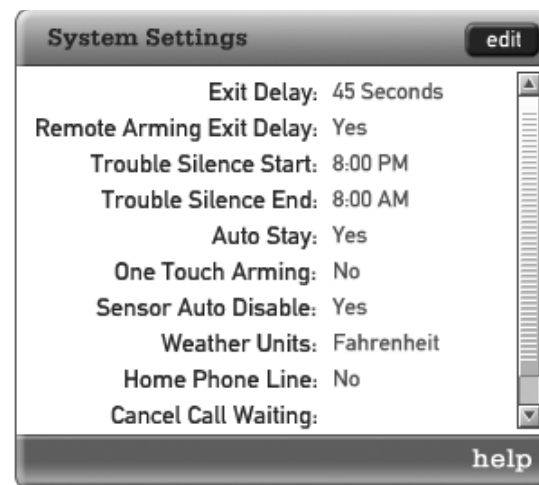


Figure 27. LifeShield System Settings Screen - Edit Auto Stay/One Touch Arming

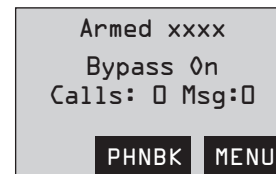
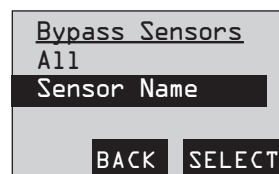
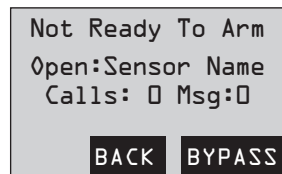
# Bypassing Sensors

**Bypassing a Sensor** allows you to arm the system without monitoring or creating an alarm condition when a **Sensor** is opened or already open. The **Sensor** remains bypassed only until the system is armed and disarmed and cannot be permanently bypassed. A **Sensor** can be bypassed on your **Handset, Console** or **LifeShield.com**.

## Bypassing an Open Sensor (Handset/Console)

If the system display reads **Not Ready to Arm**, a **Sensor** is open. You can restore the system to the **Ready to Arm** state by either bypassing the open **Sensor** or **closing** the **Sensor**.

*Bypass a Sensor by following these steps:*



1. Press **BYPASS**
2. The **Bypass Sensors** screen appears with the list of open **Sensors**

3. Scroll and select the **Sensor(s)** you would like to bypass.

## Bypassing Closed Sensors (Handset/Console)

*Prior to arming your system, you can bypass closed Sensors on the Handset or Console:*

1. Press **MENU**
2. Scroll to **Security Setup**, press **SELECT**
3. Enter your **Master Code**, press **SELECT**
4. Scroll to **Bypass Sensors**, press **SELECT**
5. Scroll to desired **Sensor** you would like to bypass, press **SELECT**

## Bypassing an Open Sensor (LifeShield.com)

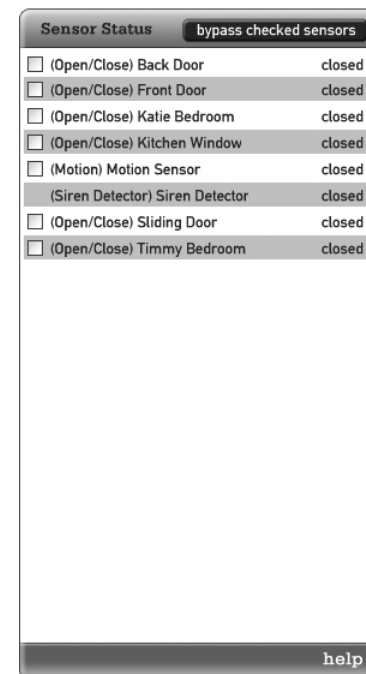
When a **Sensor** is opened, the **Sensor Status** window on the **Security tab** will indicate the name of the open **Sensor**.

*To bypass a Sensor (Figure 28):*

1. Go to [www.LifeShield.com](http://www.LifeShield.com)
2. Enter your **User Name** and **Password**
3. Navigate to **Security tab** then to **Sensor Status**
4. Check the box next to the **Sensor** that indicates open
5. Click **Bypass Sensors**

## Turning Off Sensor Bypassing (Handset/Console and LifeShield.com)

Sensor Bypass can only be deleted by arming and disarming your system.



**Figure 28. LifeShield - Sensor Status**

**Exit Delay** is the time provided between giving the command to arm your system and **Sensors** being armed. This delay provides time to leave your home before the system is armed. The factory default for **Exit Delay** is 1 minute.

**Exit Delays** can be set from 45 seconds to 4 minutes. You can change **Exit Delays** from your **Handset, Console** or **www.LifeShield.com**.

## Editing Exit Delays (Handset/Console)

1. Press MENU
2. Scroll to **Security Setup**, press SELECT
3. Enter your **Master Code**
4. Scroll to **Exit Delay** time, press SELECT
5. Scroll to the desired setting, press SELECT

## Editing Exit Delays (LifeShield.com) *(Figure 29)*

1. Go to [www.LifeShield.com](http://www.LifeShield.com)
2. Enter your **User Name** and **Password**
3. Navigate to **Settings tab**, then to **System Settings**
4. Click **Edit**
5. Pull down desired **Exit Delay** time from menu
6. Click **Continue**
7. Click **Submit Changes** when presented

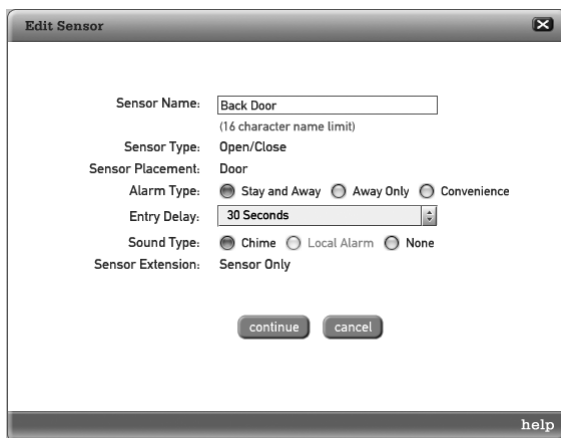


Figure 29. LifeShield - Edit System Settings



# Entry Delays

An **Entry Delay** gives you time to enter your home and disarm the system before the alarm sounds.

When the system is armed **Stay** or **Away**, the system beeps during **Entry Delay**. No **Entry Delay** is provided when armed **Instant**.

**Entry Delays** can be configured from 30 seconds to 4 minutes for each **Sensor**. There is no **Entry Delay** associated with window or **Glassbreak Sensors**. The factory default setting is 30 seconds.

## Editing Entry Delays (Handset/Console)

1. Select MENU
2. Scroll to **Security Setup**, press SELECT
3. Enter your **Master Code**
4. Scroll to **Sensors**, press SELECT
5. Select the desired **Sensor** that you want to change
6. Scroll to **Entry Delay**, press SELECT
7. Scroll to the desired setting, press SELECT

## Editing Entry Delay (LifeShield.com) *(Figure 30)*

1. Go to [www.LifeShield.com](http://www.LifeShield.com)
2. Enter your **User Name** and **Password**
3. Navigate to **Settings tab**, then **Sensors**
4. Click **Edit**, adjacent to the desired **Sensor**
5. Pull down desired **Entry Delay** time from menu
6. Click **Continue**
7. Click **Submit Changes** when requested

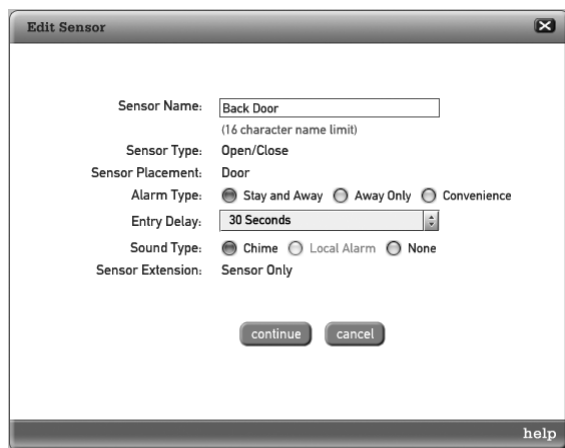


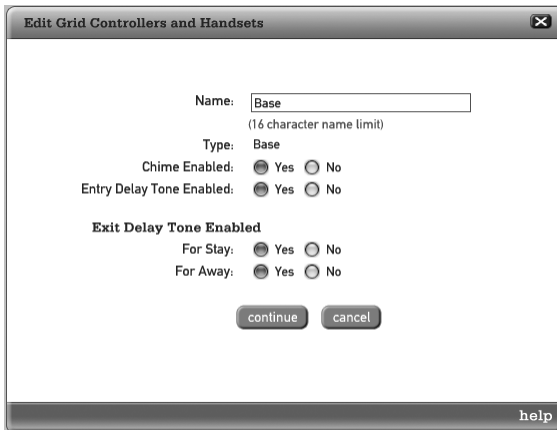
Figure 30. LifeShield Edit Sensor Screen - Entry Delay

# Exit and Entry Delay Tones/Alarms

**Exit and Entry Delay Tones** will be generated based on the arming mode of your system as shown in Table 2.

Arm Mode	Exit Tone	Entry Tone
Stay	No	Yes
Instant Stay	No Delay	No Delay
Away	Yes	Yes

**Table 2: GC Exit and Entry Delay Tone Settings**



The screenshot shows a window titled "Edit Grid Controllers and Handsets". It contains the following fields and options:

- Name: Base (16 character name limit)
- Type: Base
- Chime Enabled:  Yes  No
- Entry Delay Tone Enabled:  Yes  No
- Exit Delay Tone Enabled:
  - For Stay:  Yes  No
  - For Away:  Yes  No

Buttons: continue, cancel, help

## Editing Exit and Entry Delay Tone (LifeShield.com)

*Exit or Entry Delay tone on an individual GC can be changed (Figure 31):*

1. Go to [www.LifeShield.com](http://www.LifeShield.com)
2. Enter your **User Name** and **Password**
3. Click **Settings tab**, then **Grid Controllers and Handsets**
4. Click **Edit**, adjacent to desired **GC**
5. Click **Yes** or **No** to enable or disable the tone
6. Click **Continue**
7. Click **Submit** when requested

**Figure 31. LifeShield Edit Grid Controller and Handset Screen - Entry Delay Tone**

## Alarms

An **Alarm Siren** will sound when the following occurs:

- When the system is armed, a **Sensor** has been opened and the **Entry** delay (if applicable) has expired.
- A **PANIC** button has been pressed on the **Handset, Console** or **Keychain Remote**.
- A **Siren Detector** or **Smoke Sensor** detects a siren sound or smoke.



## Alarm Notification Delay (Alarm Monitoring Subscribers Only)

When an **Alarm Siren** sounds, a message will be sent to the Alarm Monitoring Center after a delay of 30 seconds. This feature minimizes false dispatch of the authorities to your home. If an alarm sounds accidentally, you can cancel the alarm during this delay time by pressing **CANCEL/OFF** and entering your **User Code**.

If you do not subscribe to Alarm Monitoring Service or your service is not active, and your system is armed, your **Handset** and **Console** display will indicate "No Dispatch."



Messages will only be sent to the Alarm Monitoring Center for alarm monitoring subscribers when the system is activated and an alarm occurs.

# Panic Alarms



The **Handset** has a sliding cover over the **PANIC** alarm key to protect it from accidentally being pressed. You must slide it down before pressing **PANIC**.

For Alarm Monitoring subscribers, the Alarm Monitoring Center will not call to verify a **PANIC** alarm, but will immediately call the authorities and there may not be an opportunity to cancel the dispatch.

A **Panic Alarm** is generated by pressing and holding the yellow **PANIC** key on the **Handset and Console** or pressing and holding the **STAY** and **AWAY** key on the **Keychain Remote**, if these keys are enabled in your system.

For Personal Monitoring subscribers, the **PANIC** key will only generate a local alarm and there will be no emergency dispatch. The description below, showing an option to choose between PANIC police, PANIC medical or PANIC fire, only appears for Alarm Monitoring subscribers.

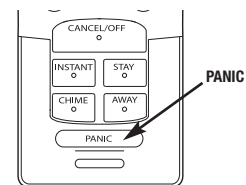
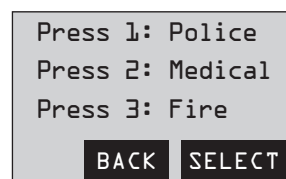


Figure 32. Handset PANIC Key

## Generating a Panic Alarm (Handset/Console) (Figure 32):

1. Press and hold PANIC for 2 seconds
2. Scroll to the desired agency, press SELECT

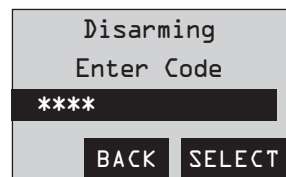


If an option is not selected within 5 seconds, an alarm will sound and a PANIC police message will be sent to the Alarm Monitoring Center.



## Cancelling a Panic Alarm (Handset/Console) (This may not stop dispatch):

1. Press CANCEL/OFF
2. Enter your **User Code**



## Generating a Panic Alarm (Keychain Remote):

Press and hold **AWAY** and **STAY** at the same time.

## Enabling/Disabling PANIC Alarm Key for each Handset/Console (via Handset/Console):

1. Press MENU
2. Scroll to **Security Setup**, press SELECT
3. Enter your **Master Code**
4. Scroll to **Grid Controllers** or **Handsets**, press SELECT
5. Scroll to the desired device, press SELECT
6. Scroll to **Panic Enable**, press SELECT
7. Scroll to **Enabled** or **Not Enabled**, press SELECT

## Enabling/Disabling PANIC Alarm Key for each Keychain Remote (via Handset/Console):

1. Press MENU
2. Scroll to **Security Setup**, press SELECT
3. Enter your **Master Code**
4. Scroll to **Keychains**, press SELECT
5. Scroll to the desired device, press SELECT
6. Scroll to **Panic Enable**, press SELECT
7. Scroll to **Enabled** or **Not Enabled**, press SELECT

## Enabling/Disabling PANIC Alarm Key (via [www.LifeShield.com](http://www.LifeShield.com)) (Figure 33):

1. Go to [www.LifeShield.com](http://www.LifeShield.com)
2. Enter your **Username** and **Password**
3. Click **Settings tab**
4. Navigate to **Grid Controllers** or **Handsets**
5. Click **Edit**, adjacent to desired **Grid Controller**
6. Click **Yes** or **No** to enable or disable **PANIC**
7. Click **Continue**
8. Click **Submit** when requested

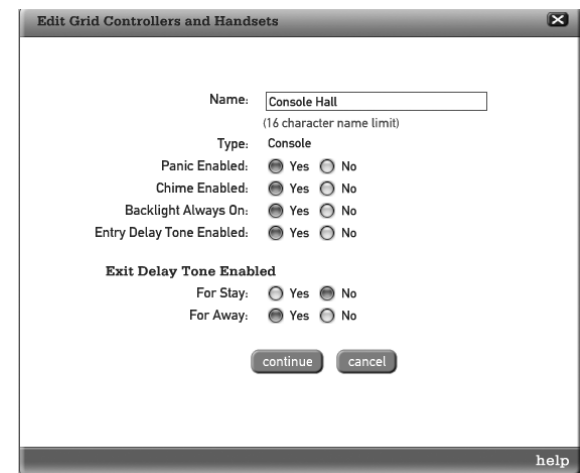


Figure 33. LifeShield Grid Controller Screen - Edit PANIC Enabled

A **Chime** can be generated when the system is not armed and a **Sensor** is opened or closed. The Chime sound comes from speakers in the various **GCs** within your system.

## Activating Chime (Handset/Console)

**Chime** generation can be turned off for all the Sensors at once on the **Handset** or **Console**.

The **CHIME** key is shown in Figure 34 on the **Handset**.

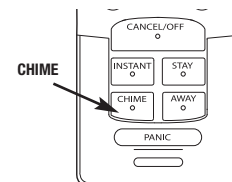


Figure 34. Chime Key

To activate or deactivate Chimes:

1. Press CHIME
2. Enter your **User Code**

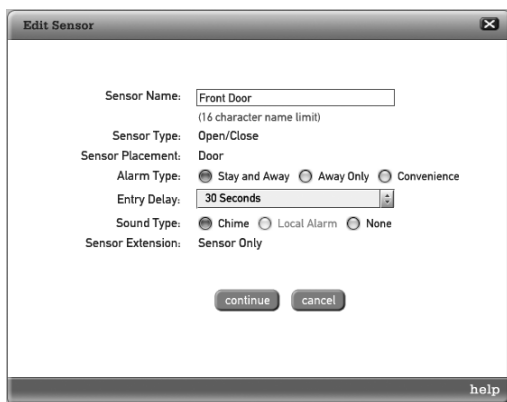


Figure 35. LifeShield Edit Sensors Screen - Edit Chime Enabled

## Enabling/Disabling Sensor Chime (LifeShield.com)

**Chime** generation can be enabled or disabled for each **Sensor** (Figure 35):

1. Go to [www.LifeShield.com](http://www.LifeShield.com)
2. Enter your **User Name** and **Password**
3. Click **Settings** tab
4. In the **Sensors** window, click **Edit** adjacent to desired **Sensor**
5. Click **Yes** or **No** to enable or disable the Chime
6. Click **Continue**
7. Click **Submit** when requested

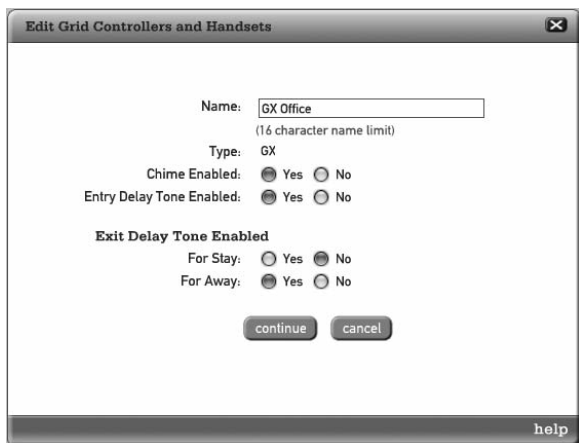


Figure 36. LifeShield Edit Grid Controllers Screen - Edit Chime Enabled

## Enabling/Disabling Grid Controller Chime (LifeShield.com)

You can control which **Grid Controllers** make the Chime sound when a **Sensor** opens (Figure 36):

1. Go to [www.LifeShield.com](http://www.LifeShield.com)
2. Enter **User Name** and **Password**
3. Click **Settings** tab
4. Navigate to **Grid Controllers** or **Handsets**
5. Click **Edit**, adjacent to desired **Grid Controller**
6. Click **Yes** or **No** to enable or disable the Chime sound
7. Click **Continue**
8. Click **Submit** when requested

**User Codes** provide individuals (users) access to your **LifeShield Home Security** system. The system supports 8 User Codes, including **1 Master Code** and **7 Normal Codes**.

## Master Code

The system supports **1 Master Code** created as part of the activation process.

Only the **Master Code** can change system settings, including creating, editing and deleting other **User Codes**. The **Master Code** can only be changed with the **Master Code or via LifeShield.com**.

## Normal User Codes

These are only used to arm and disarm the system. Normal User Codes cannot be used to access or change system settings.

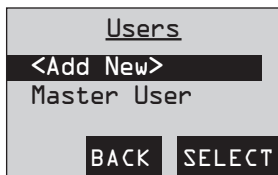
## Creating/Editing User Codes

User Codes can be created, edited and deleted from your **Handset, Console** and **LifeShield.com**.

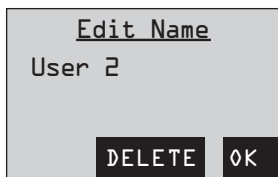
### Creating User Codes (Handset/Console)

*To create User Codes from either the Handset or Console:*

1. Press MENU
2. Scroll to **Security Setup**, press SELECT
3. Enter **Master Code**
4. Scroll to **Users**
5. On **<Add New>**, press SELECT



6. The **Edit Name** screen appears



7. Edit User Name by pressing DELETE and type new name using keypad, then press **OK**



If you forget your **Master Code**, contact **Customer Support** at 1-888-392-2044



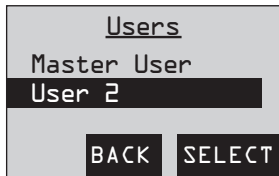
8. Confirm added User, press **OK**

# User Codes

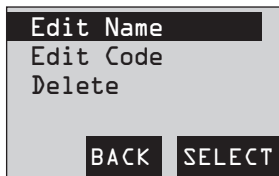
## Editing User Codes (Handset/Console)

To edit an existing User Code from either the Handset or Console:

1. Press MENU
2. Scroll to **Security Setup**, press SELECT
3. Enter your **Master Code**
4. Select **Users**
5. Scroll to desired **User**, press SELECT



6. Scroll to the desired edit command, press SELECT



7. Upon completion press **OK**