Before returning this product call

1-800-4-DᴇWALT

IF YOU SHOULD EXPERIENCE A PROBLEM WITH YOUR DEWALT PURCHASE,

CALL 1-800-4 DEWALT

IN MOST CASES, A DᴇWALT REPRESENTATIVE CAN RESOLVE YOUR PROBLEM OVER THE PHONE.
IF YOU HAVE A SUGGESTION OR COMMENT, GIVE US A CALL.
YOUR FEEDBACK IS VITAL TO THE SUCCESS OF DᴇWALT'S QUALITY IMPROVEMENT PROGRAM.

Questions? See us on the World Wide Web at www.dewalt.com

INSTRUCTION MANUAL
GUIDE D'UTILISATION
MANUAL DE INSTRUCCIONES

INSTRUCTIVO DE OPERACIÓN, CENTROS DE SERVICIO Y PÓLIZA DE GARANTÍA. **ADVERTENCIA:** LÉASE ESTE INSTRUCTIVO ANTES DE USAR EL PRODUCTO.

DᴇWALT®

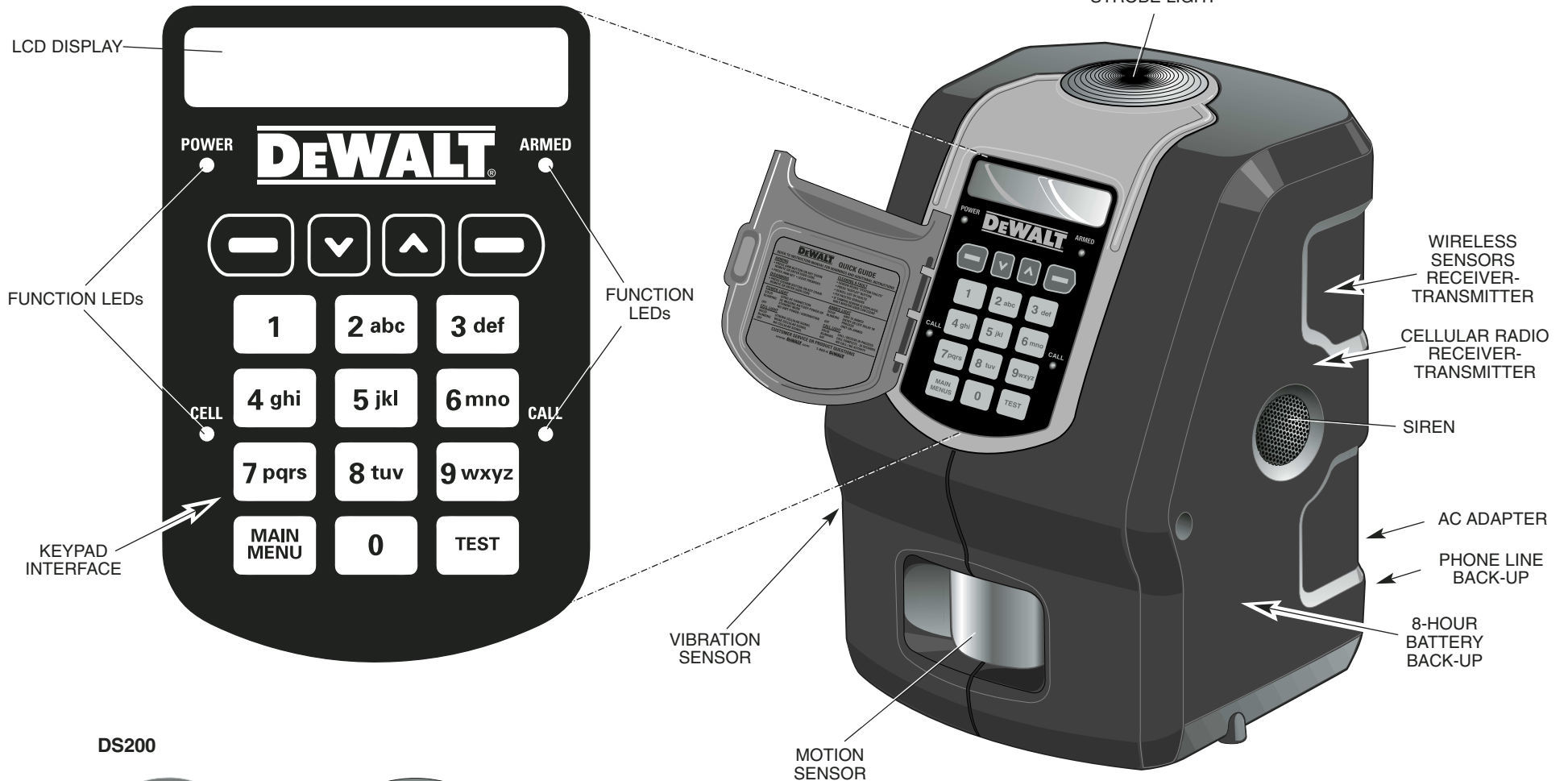**DS100 JobSite Security Portable Alarm System (Base Unit)**

Système d'alarme mobile de sécurité des chantiers DS100 (Base)

Sistema de Alarma Portátil JobSite Security DS100 (unidad base)

IF YOU HAVE ANY QUESTIONS OR COMMENTS ABOUT THIS OR ANY DeWALT TOOL, CALL US TOLL FREE AT: **1-800-4-DeWALT (1-800-433-9258)**

FIG. 1
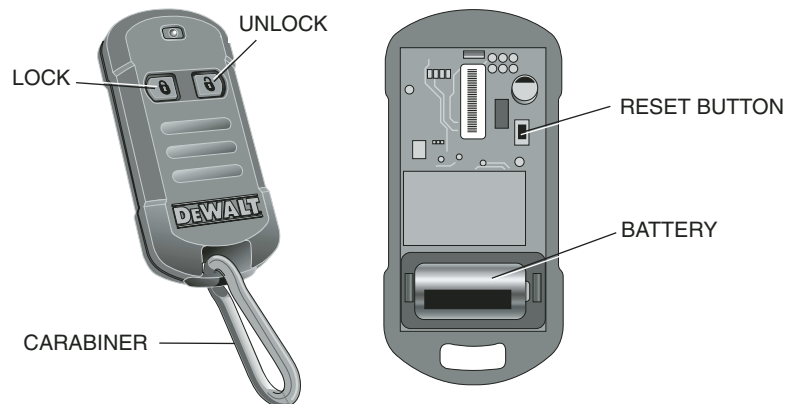
DS100

STROBE LIGHT

LCD DISPLAY

POWER

ARMED

FUNCTION LEDs

FUNCTION LEDs

WIRELESS SENSORS RECEIVER-TRANSMITTER

CELLULAR RADIO RECEIVER-TRANSMITTER

CELL

CALL

SIREN

1	2 abc	3 def
4 ghi	5 jkl	6 mno
7 pqrs	8 tuv	9 wxyz
MAIN MENU	0	TEST

KEYPAD INTERFACE

AC ADAPTER

PHONE LINE BACK-UP

8-HOUR BATTERY BACK-UP

VIBRATION SENSOR

MOTION SENSOR

DS200

UNLOCK

LOCK

RESET BUTTON

BATTERY

CARABINER

i

Table of Contents

SAVE THESE INSTRUCTIONS

General Safety Rules

⚠ **WARNING: Read and understand all instructions.** *Failure to follow all instructions may result in electric shock, fire, property damage and/or serious personal injury or death.*

⚠ **WARNING: SERIOUS INJURY OR DEATH.** *This system was designed to provide protection of property only. Do not use this system to provide protection for life safety and from fire. Any use other than that suggested in this instruction manual could cause injury or even death. Not intended for residential use.*

⚠ **WARNING: SERIOUS INJURY OR DEATH.** *Do not use this system in hazardous areas. This may include blasting areas and potentially explosive atmospheres. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. They include but are not limited to fueling areas such as gas stations; fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles, such as grain, dust, or metal powders; and any other area where one would normally be advised to turn off a vehicle engine.*

⚠ **WARNING: FIRE, ELECTRIC SHOCK OR ELECTROCUTION.** *Do not use an extension cord unless it is absolutely necessary. Use of an improper extension cord or an extension cord that has been worn or damaged could result in risk of fire, electric shock or electrocution.*

- **An extension cord must have adequate wire size (AWG or American Wire Gauge) for safety.** *The smaller the gauge number of the wire, the greater the capacity of the cable, that is, 16 gauge has more capacity than 18 gauge. When using more than one extension cord to make up the total length, be sure each individual extension cord contains at least the minimum wire size.*

Recommended Minimum Wire Size for Extension Cords

Total Length of Cord

25 ft.	50 ft.	75 ft.	100 ft.	125 ft.	150 ft.	175 ft.
7.6 m	15.2 m	22.9 m	30.5 m	38.1 m	45.7 m	53.3 m

Wire Size AWG

18	18	16	16	14	14	12

⚠ **WARNING: BATTERIES – DANGER OF EXPLOSION, INJURY OR FIRE.** *The Base Unit contains a lead acid battery. Do not incinerate as the battery can explode. The battery cannot be accessed by a user; it is to be replaced and properly disposed of by DEWALT authorized service only.*

⚠ **WARNING: BATTERIES – DANGER OF EXPLOSION, INJURY OR FIRE.** *For the wireless devices, use only type CR-123 (CR-2 for Key Chain Remote) 3.0 Volt Li+ non-rechargeable batteries as specified by DEWALT. Carefully follow all instructions and warnings on the battery label and package.*

- *Always insert batteries correctly with regard to the polarity (+ and -) marked on the battery and the equipment. Never use a damaged or worn out battery.*
- *Never expose the battery terminals to any other metal object. This can short circuit the battery.*
- *Avoid exposure to temperature extremes. When not in use, store the battery uncharged in a cool, dark, dry place.*
- *Keep batteries out of reach of children.*
- *The battery is a self-contained unit. Do not attempt to open.*
- *Never dispose of a battery in a fire. Dispose of used batteries in accordance with local regulations. Recycle batteries. Do not attempt to recharge batteries.*

CAUTION: POTENTIAL EQUIPMENT MALFUNCTION OR FAILURE. *Use only the DEWALT power supplies marked for use with this equipment. If the cord is missing or damaged, replace only with the DEWALT power supply specified for this equipment to avoid product damage*

CAUTION: POTENTIAL EQUIPMENT MALFUNCTION OR FAILURE. *This equipment is supplied with a wall mount power supply designed specifically to operate on 120V 60Hz. Replace only with the DEWALT power supply specified for this unit.*

CAUTION: POTENTIAL EQUIPMENT MALFUNCTION OR FAILURE. *Do not use near water. Damage to the equipment may occur. Equipment shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the equipment.*

CAUTION: POTENTIAL EQUIPMENT MALFUNCTION OR FAILURE. *Do not operate with a damaged power supply cord or plug. Damage to the equipment may occur. Protect the power supply cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the Base Unit. Do not pull on cords or cables. When unplugging the cord from an electrical outlet, grasp and pull the cord by the plug. If a cord or plug is damaged, have it replaced immediately.*

CAUTION: POTENTIAL EQUIPMENT MALFUNCTION OR FAILURE. *To avoid potential damage caused by a power surge, utilize a surge protector for both the power supply and telephone connection.*

CAUTION: POTENTIAL EQUIPMENT MALFUNCTION OR FAILURE. *To ensure proper operation, this equipment must be installed according to the enclosed installation instructions. To verify that the equipment is working properly and can successfully report an alarm, this equipment must be tested immediately after installation and periodically thereafter according to the test instructions.*

Important Notices

- *This product is not user serviceable. There are no user serviceable parts inside the product. Servicing at a DEWALT authorized service center is required to avoid damage to static sensitive internal components.*
- *The Base Unit is for indoor use only. All wireless devices, unless specifically noted, are intended for indoor use.*
- *Only use sensors, Mounting Brackets, and accessories specified by DEWALT. Use of others may be incompatible and interfere with system operation.*
- *Clean only with a dry cloth.*
- *Although the noise level and duration of the chime and siren are below OSHA limits, the loud noise from the sirens and chimes may startle people on the site.*
- *Check with local authorities to be sure that a monitoring service can be used. Registration may be necessary and fees may be involved.*
- *DEWALT is a registered trademark of DEWALT Industrial Tool Co., 701 East Joppa Road, Baltimore, MD, USA. All other trademarks in this manual are the properties of their respective owners.*

Limitations of System

Although this system is designed as a security system, it does not guarantee protection against burglary or other emergencies. Any alarm system is subject to compromise or failure-to-warn for a variety of reasons including, but not limited to, the following:

- An intruder may gain access through unprotected openings. An intruder with criminal intent, technical knowledge or jamming devices may bypass the system.
- This system will not operate without power. The equipment is primarily powered by AC and utilizes a battery as back-up power. If the AC power supply is off and the back-up battery is uncharged, the equipment will not operate.
- The wireless devices for this system, such as sensors and remotes, are powered by non-rechargeable batteries. If the batteries are missing, installed incorrectly or dead, the battery-operated devices will not function properly.
- Signals sent by wireless devices may be blocked or reflected by metal before they reach the receiver. Even if the signal path has been recently checked during a routine test, blockage can occur if a metal object is moved into the path.

- A telephone line, either cellular or landline, is needed to transmit alarm signals to the monitoring system. If reception is not available, telephone lines are out of service, or the telephone company makes changes to its facilities, the outgoing call cannot be placed.
- This equipment uses an RJ-11 jack to connect to the telephone network. If another device, such as a telephone, fax or modem, is utilizing the connected phone line, this equipment will not interrupt the device currently in use.
- If utilizing a landline, high-speed data formats such as DSL could affect the ability to reach the monitoring system. You may need to install a filter provided by your DSL company. Even with a filter, there is still a possibility the equipment will not be able to communicate with the monitoring system.
- Wireless devices have a limited range. If they are placed out-of-range, they will not be able to send or receive signals with the Base Unit.
- Passive Infrared Motion Detectors can only detect intrusion within the designated ranges as diagrammed in their instruction manual. Passive Infrared Motion Detectors do not provide volumetric area protection. They do create multiple beams of protection and intrusion can only be detected in unobstructed areas covered by those beams. They cannot detect motion or intrusion that takes place behind walls, ceilings, floors, closed doors, glass partitions, glass doors or windows. Mechanical tampering, masking, painting or spraying of any material on the mirrors, windows or any part of the optical system can reduce their detection ability. Passive Infrared Motion Detectors sense changes in temperature; thus, as the ambient temperature of protected area approaches the temperature range of 90º to 105ºF (32º to 40ºC), the detection performance can decrease.
- This system is a self-installed security system. Carefully follow all instructions. Improper installation may compromise the operation of this equipment.
- This alarm system should be tested regularly to make sure all sensors and transmitters are working properly.
- Even if the system responds to an intrusion as intended, the users may have insufficient time to protect their assets and property. To provide the best support, customer service must be notified of any change of site and device additions or deletions. Even with monitoring, the authorities may not respond appropriately.
- Warning devices, such as sirens and strobe lights, may not alert people if no one is in range or not on the premises. Persons may not hear the warning if the alarm is muffled from a radio, operating equipment, appliances or by passing traffic. Alarm warning devices, however loud, may not warn hearing-impaired people. Similarly, the strobe light may not be seen by vision-impaired people.
- In the event of an intrusion, the system is designed to contact the monitoring system. Even if a call is placed, the user may not be able to respond quickly enough.
- Despite advanced design and regular testing, this equipment, like other electrical devices, is subject to component failure.
- Installing this system with a monitoring service may make one eligible for lower insurance rates, but a security system is not a substitute for insurance.

REGULATORY NOTICES
Federal Communications Commission (FCC) Part 15 Statement
- This equipment (Base Unit and Key Chain Remote) has been tested and complies with Part 15 of the FCC Rules. **Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) the device must accept any interference received, including interference that may cause undesired operation.**
- If this equipment does cause harmful interference to radio or television reception, which can be determined by placing the equipment in standby mode, try to correct the interference by one or more of the following measures:

1. Reorient the antenna of the radio/TV experiencing the interference.
2. Relocate the Base Unit with respect to the radio/TV.
3. Move the antenna leads away from any wire that runs to the Base Unit.
4. Plug the Base Unit into an outlet on a different electrical circuit from the radio/TV experiencing the interference.
5. If necessary, consult DEWALT or an experienced radio/TV technician for help.
6. Additional suggestions can be found in the following booklet prepared by the Federal Communications Commission "Interference Handbook" This book is available from the U.S. Government Printing Office, Washington, DC 20402.

- Any changes or modifications to the equipment, not specifically approved by DEWALT, can void the user's authority to operate the equipment.

FCC ID: HCQ3B6ECNCA (Base Unit) and
FCC ID: HCQ3B6ETRT2M (Key Chain Remote)

Federal Communications Commission (FCC) Part 68 Statement
- This equipment (DS100) complies with Part 68 of the FCC Rules and the requirements adopted by the ACTA. Located on the equipment (DS100) is a label that contains, among other information, a product identifier that has the format US: AAAEQ##TXXXX. If requested, this information must be provided to the telephone company.
- The REN is used to determine the number of devices which may be connected to a telephone line. Excessive RENs on a telephone line may result in devices not ringing in response to a call. In most, but not all areas, the sum of all REN devices should not exceed an REN of five (5.0). To determine the REN for your calling area, contact the telephone company. The REN is part of the product identifier that has the format US: AAAEQ##TXXXX. The digits represented by ## are the REN without a decimal point (e.g., 03 is a REN of 0.3).
- This equipment (DS100) uses an RJ-11 jack to connect to the telephone network. If another device, such as a telephone, fax or modem, is utilizing the connected phone line, this equipment will not interrupt the device previously in use.
- If this equipment (DS100) causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. If advance notice is not practical, they will notify you as soon as possible. You will be advised of your right to file a complaint with the FCC if you deem necessary.
- The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment (DS100). You will be given advance notice in order to maintain uninterrupted service.
- If trouble is experienced with this equipment (DS100), please call 1-800-4-DEWALT (1-800-433-9258) for repair and warranty information. If the trouble is causing harm to the telephone network, the telephone company may request you remove the equipment from the network until the problem is resolved.
- There are no user serviceable components in this equipment (DS100). All necessary repairs must be made by a DEWALT authorized service center.
- This equipment (DS100) may not be used on coin service provided by the telephone company.
- Connection to party lines is subject to state tariffs. Contact the state public utility commission, public service commission, or corporation commission for information.

Industry Canada
- **NOTICE:** this equipment meets the applicable Industry Canada Terminal Equipment Technical Specifications. This is confirmed by the registration number. The abbreviation, IC, before the registration number signifies that registration was performed based on a Declaration of Conformity indicating that Industry Canada technical specifications were met. It does not imply that Industry Canada approved the equipment.

- This certification means that the equipment meets certain telecommunications network protective, operational and safety requirements as prescribed in the appropriate Terminal Equipment Technical Requirements documents. The Department does not guarantee the equipment will operate to the user's satisfaction.
- The RINGER EQUIVALENCE NUMBER (REN) for this terminal equipment is noted on the Base Unit label. The REN assigned to each terminal equipment provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence. Numbers of all the devices does not exceed five (5.0).
- Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must be installed using an acceptable method of connection.
- The customer should be aware that compliance with the above conditions may not prevent the degradation of service in some situations.
- Repairs to certified equipment should be coordinated by a representative designated by the supplier. Any repairs or alterations made by the user to this equipment or equipment malfunctions may give the telecommunications company cause to request the user to disconnect the equipment.
- Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.
- **CAUTION:** Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.
- The Load Number (LN) assigned to each terminal device denotes the percentage of the total load to be connected to a telephone loop which is used by the device, to prevent overloading. The termination on a loop may consist of any combination of devices subject only to the requirement that the total of the LNs of all the devices does not exceed 100.

IC: 2309A-ECNCA (Base Unit) and
IC: 2309A-ETRT2M (Key Chain Remote)

Warnings

For your convenience and safety, the following warning labels are on the Base Unit and Key Chain Remote:

DS100 BASE UNIT
- To reduce the risk of injury, user must read and understand Instruction Manual.
- Use only with DEWALT authorized power sources designated for this product.
- Not for personal protection.
- Contains Lead-Acid battery. Must be recycled or disposed of properly. See Instruction Manual.

DS200 KEY CHAIN REMOTE
- To reduce the risk of injury, user must read and understand Instruction Manual.

FREE WARNING LABEL REPLACEMENT: If your warning labels become illegible or are missing, call 1-800-4-DEWALT for a free replacement.

Unique Features

This system offers several features unique to most security systems.

CELLEMETRY®

Cellemetry® is a patented two-way wireless data network that uses standard cellular infrastructure to transport small packets of communication messages throughout North America. The technology is currently used on Verizon, AT&T and Cingular cellular networks providing a near seamless network on a proven cellular network architecture.

This technology is proven and reliable using the digital control channels, not voice channels. Messages traverse existing AMPS cellular network infrastructure (like roaming cell phones). The control channels are more robust than the voice channels because of the use of digital technology, higher transmission power offering better coverage, and cost effective use due to small amounts of information being transmitted at a time. The analog cellular network is one of the largest radio networks in the world with over 200,000,000 packets of data transmitted daily in North America. This only represents 10% of the maximum control channel capacity.

The DS100 JobSite Security Portable Alarm System (Base Unit) contains a 1.2 watt cellular data radio providing rapid communications in less than 1 second. This technology is superior to phone line monitoring because phone lines are inherently vulnerable, readily identifiable, and thieves potentially cut them before entering a site.

This product can be used virtually anywhere in North America where cellular coverage is available, with no roaming fees. See the **Coverage Map** in the **Appendix**.

This notification happens instantly and will provide direct feedback when system is armed. This unique feature helps to provide the ultimate in protection of commercial assets and rapid response notification.

900 MHZ, FREQUENCY HOPPING SPREAD SPECTRUM

Spread Spectrum is a frequency-hopping communication technique that sends redundant messages across a bandwidth of at least 10 MHz to provide immunity from interference and help ensure reliable communication. This communication between the Base Unit and sensors provides coverage of up to 2000' enabling superior range and reliability. Virtually all 300MHz systems send information on one narrow band channel. Any "in-band" interference can result in missed signals.

DS100 JobSite Security Portable Alarm System (Base Unit)

The DS100 JobSite Security Portable Alarm System is a portable self-contained alarm system that can be easily moved from site to site. This system includes a built-in motion sensor, vibration sensor, siren, strobe, battery back-up, LCD display, key pad interface, cellular radio receiver-transmitter, wireless sensors receiver-transmitter, phone connector and AC adaptor.

ELECTRONIC CHIME TONE

When typing on the keypad, there will be a chime that indicates the key was pressed.

KEY PAD INTERFACE

Refer to Figure 1 at the beginning of this manual.

LED	SOLID	BLINKING	OFF
POWER	Primary power source is present	• Primary power supply missing (steady flashes); • Low battery (series of two flashes); or • Standby state (one flash every 5 seconds)	No unit power and no battery power
ARMED	System is armed	On an exit or entry delay	System is disarmed
CELL	Cellular signal is strong	Cellular signal is weak	No Cellular signal
CALL	Call is complete (will remain solid for 30 seconds)	Call is in progress	No activity

NAVIGATING THROUGH THE SCREENS

The Base Unit has an LCD screen that will communicate the current state of the unit and messages will scroll across the screen. Below the screen are four keys that align with available options. Choose the appropriate key.

LINE 1

LINE 2

ACTUATING BUTTONS
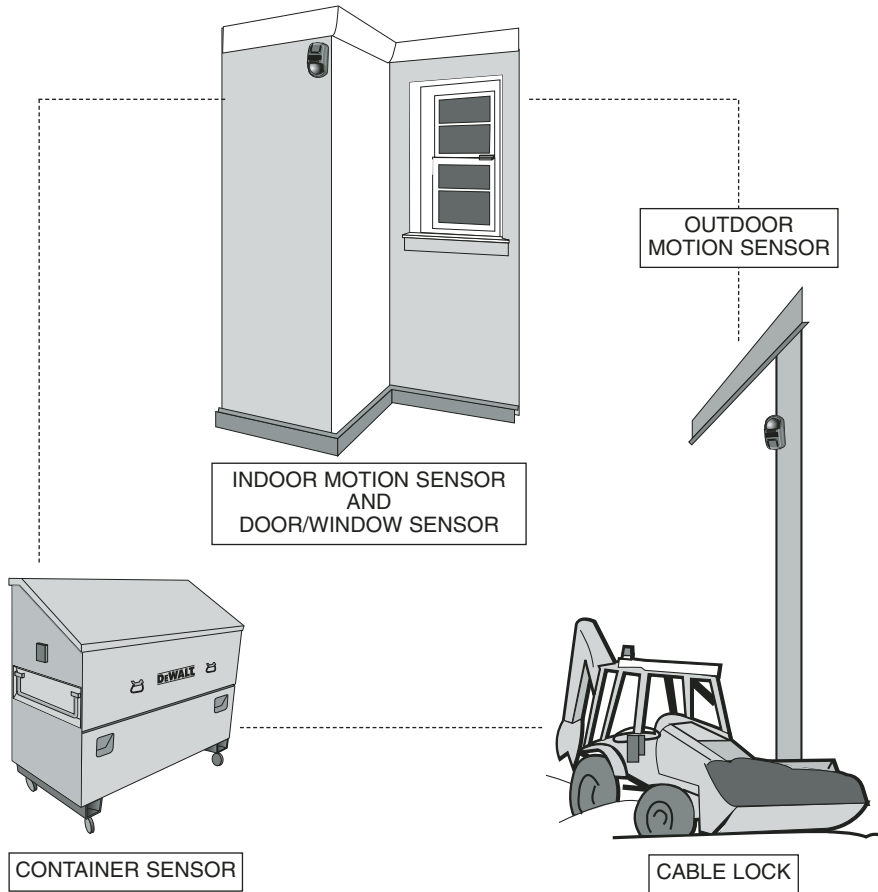
English?

NO V Λ OK

DOWN UP
LEFT RIGHT
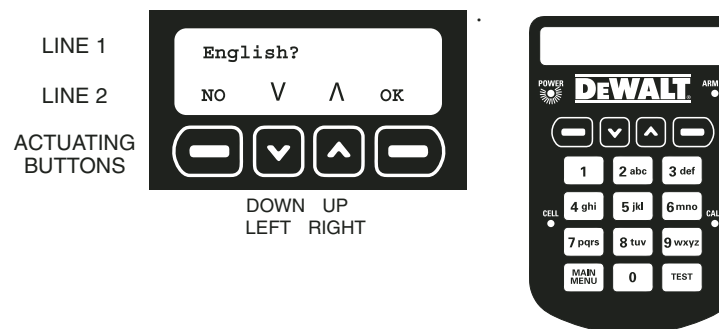
DS200 KEY CHAIN REMOTE CONTROL

The DS200 Key Chain Remote Control offers the benefit of easy one-touch arming or disarming of the system from a range of up to 2000'. The remote uses 900MHz spread spectrum communication to provide superior range and reliability. The LED feedback light notifies the user when a signal is being sent to the Base Unit. Also, a convenient carabiner clip is included for versatility.

The DS200 Key Chain Remote Control uses a CR-2 3.0 Volt Lithium battery.

To arm the system, press LOCK (🔒) once. **To disarm the system**, press UNLOCK (🔓) once.

OUTDOOR MOTION SENSOR

INDOOR MOTION SENSOR
AND
DOOR/WINDOW SENSOR

CONTAINER SENSOR

CABLE LOCK

Accessories

Additional accessories for use with the DEWALT JobSite Security Portable Alarm System are available at extra cost from your local dealer or authorized service center. If you need assistance in locating any accessory for JobSite Security System, contact: SITELOCK LLC, 626 Hanover Pike, Hampstead, MD 21074, visit www.dewalt.com or call customer service at 1-800-4-DEWALT (1-800-433-9258).

⚠ *CAUTION: The use of any other accessory not recommended for use with the DEWALT JobSite Security Portable Alarm System could be hazardous.*
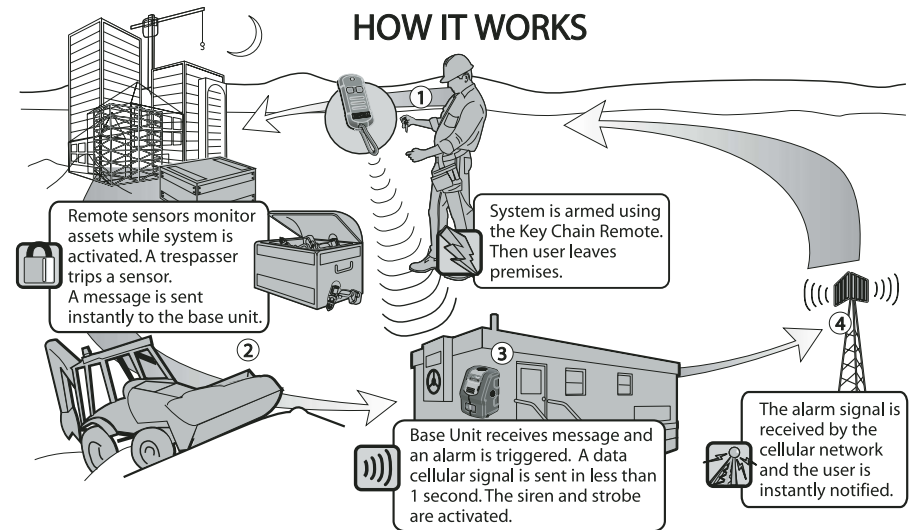
Key Chain Remote Control: Up to six Key Chain Remotes may be added to your system.

Alarm System Mounting Bracket: The bracket is used for mounting the Base Unit and includes a lock and key for securing the Base Unit once mounted. The molded-in mounting holes provide for easy installation in corners or flat against a wall.

Indoor Motion Sensor (PIR): This sensor provides a 50' range of protection with advanced digital scanning to recognize human movements and size to help prevent false alarms. Recommended for use in enclosed areas, offices, climate controlled storage and monitoring interior spaces.

Door/ Window Contact Sensor: This sensor is used for monitoring the opening of objects like doors or windows or a gap of up to 3/8". Recommended for use in enclosed areas, offices, climate controlled storage and monitoring interior spaces.

JobSite Security Cable Lock: A unique sensor that enables securing of assets by wrapping a cable through mobile equipment, containers, materials, gates or other remote assets for protection. Also provides a location for a standard padlock *(not included)* providing added security.

Container Sensor: A unique sensor that enables monitoring of remote metal containers by measuring vibration. Recommended for use on steel containers, large tool boxes and tool storage boxes.

Outdoor Motion Sensor (PIR): This sensor is used for monitoring an outdoor area and is recommended to monitor enclosed outside areas or non-temperature controlled environments.

Prevention of False Alarms

The majority of alarms that occur are false. These situations happen every day due to user error, incorrect installation or improper maintenance of the system. False alarms will limit the responsiveness to the system, and become a general inconvenience. As the number of false alarms increases, authorities have become less apt to respond to alarm systems due to this problem. Many of these situations can be avoided by following some very simple practices.

- Ensure all users are properly trained on the operation of the system.
- Always turn off the system with the Key Chain Remote Control before entering protected area.
- Lock all protected doors, windows or any other asset attached to a sensor.
- Check that motion detectors are not obstructed. Do not allow sources of heat or sound in range of the motion or vibration sensors.
- Check that premises are cleared and assets secured before setting the system.
- Turn off all noise sources – radios, compressors, generators, heavy equipment, etc.
- Know how to cancel an alarm or turn off the system before activating.
- If a false alarm is tripped call customer service immediately.
- Test the system on a monthly basis to ensure proper functioning.
- Check cellular signal, power supply, and that sensors are secured on a daily basis.
- Keep the Base Unit plugged in to the wall outlet. When the back-up battery drops below a certain level, the system will notify the the user through the monitoring service.

During an Alarm

HOW IT WORKS

Remote sensors monitor assets while system is activated. A trespasser trips a sensor. A message is sent instantly to the base unit.

System is armed using the Key Chain Remote. Then user leaves premises.

Base Unit receives message and an alarm is triggered. A data cellular signal is sent in less than 1 second. The siren and strobe are activated.

The alarm signal is received by the cellular network and the user is instantly notified.

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If the system is armed and it receives either an *Instant* alarm signal from a sensor or the entry delay time on a sensor has expired, the system shall enter the **Alarm State** for 8 minutes.

MONITORING

A call is immediately placed to the monitoring service. The CALL LED will flash to indicate a call is in process. If a different sensor becomes unsecured during the current 8-minute window, another call will be placed. If the cellular radio signal is not available, it is recommended to use a telephone connection as a back-up.

BASE UNIT

If the strobe and siren are enabled, they will be activated. The CALL LED will be solid when the call was successful. The LED message will extinguish after 30 seconds.

EVENT LOG

As an alarm occurs, the event is recorded in the event log. The log will record the type of event, the date and time. To find details on the event log, see **Review Event Log**.

After operating in the **Alarm State** for 8 minutes, the system shall return to arming. To exit the **Alarm State** enter a valid user code or press the disarm 🔒 button on the Key Chain Remote.

Before proceeding, the system will display the alarm that occurred. See **Faults** for more information on viewing the fault, clearing the fault and resuming normal status.

INITIAL SETUP

Connecting the Equipment

- *Placement of the Base Unit*
- *Physical Setup*

PLACEMENT OF THE BASE UNIT

Height

The recommended height for the Base Unit is between 3' (.9m) to 6' (1.8m) off the floor. Any height outside of this range will decrease the sensitivity of the motion detector in the Base Unit. Be sure that the unit is placed at a height such that any person accessing the system can easily operate the keypad.

SENSOR RANGE

3' to 6' (.9m to 1.8m)
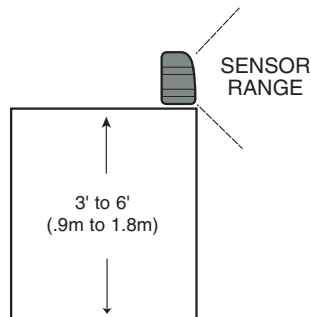
Edge

If using the Base Unit on a desk, shelf or any other fixed object, placing the unit near the edge will maximize the range of the motion detector.

Direction

Face the Base Unit in a direction so that intruders move across the detection zone, rather than toward or away from the motion sensor in the Base Unit.

Vibration

The Base Unit contains a vibration sensor. Mount the Base Unit in a location that is not subject to vibration during the armed state. If the system is armed and both the motion sensor and vibration sensor are activated, an alarm is sent instantly.

Heat

The motion detector inside the Base Unit is sensitive to heat. To prevent false alarms, avoid placing in direct or reflected sunlight, or near objects that can be heated quickly by sunlight. Do not place the Base Unit facing the windows. Do not place the unit near heating or cooling sources, like heater ducts, air conditioners, or space heaters.

The DᴇWALT Mounting Bracket (DS001) is recommended for mounting and to secure the Base Unit to a wall or corner. The Mounting Bracket must be purchased separately.

CAUTION: POTENTIAL EQUIPMENT MALFUNCTION OR FAILURE. *This equipment is for indoor use only. Placement in outdoor conditions can damage the unit.*

POWER AND TELEPHONE CONNECTION

The unit must be connected to a power source to begin set up. This will charge the internal battery. It is recommended that the Base Unit be connected to a telephone line to provide back-up in the event of cellular reception loss.

Power Connection

CAUTION: POTENTIAL EQUIPMENT MALFUNCTION OR FAILURE. *Use only DᴇWALT power supplies marked for use with this product. Other power supplies may damage the product.*

NOTE: The battery will take up to 24 hours to charge completely. The battery is designed to be a back-up source of power for up to 8 hours. To avoid draining the battery, do not use an outlet that is controlled by a wall switch.
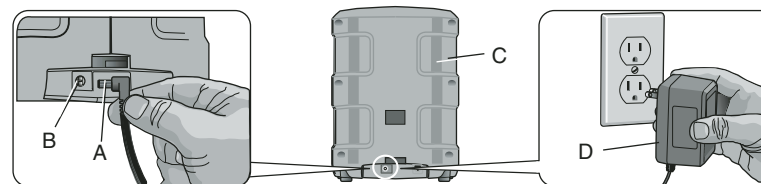
1. Connect the power supply connector (A) to the receptacle (B) in the back of the Base Unit (C).
2. Insert the 120V plug of the power supply (D) into the wall receptacle.
3. The power light will indicate that the system has power.

   IMPORTANT: After connecting the unit, the alarm system will not be active until the initial setup is complete, the sensors are programmed and DᴇWALT customer service registers the system.

Telephone Connection

NOTE: The connection to the telephone line is designed to be a back-up source of communication. When the cellular radio does not have a connection (the Cell LED is not lit), the telephone connection will be used.

⚠ *CAUTION: To prevent damage to the system, use a telephone communications surge protector.*
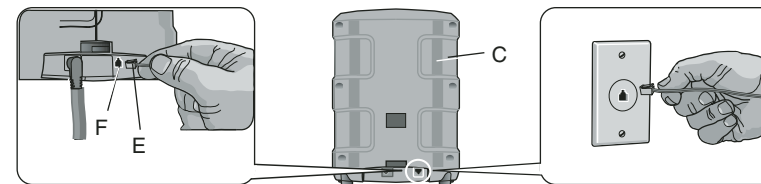
1. Connect the telephone plug (E) to the jack (F) in the back of the Base Unit (C).
2. Insert the other end of the telephone cord into the wall singular modular phone jack. Do not use a modular phone jack that communicates with multiple lines such as a phone system in which multiple phone numbers ring into a single telephone. This system will not work on a pay telephone line.

Programming for Initial Setup

After power is supplied to the Base Unit, a setup sequence will enable customization of the system.

SEVEN EASY STEPS:
1. *Choosing a Language*
2. *Set Time and Date*
3. *Set Master Code*
4. *Assign Devices (have Key Chain Remote, sensors and batteries ready)*
5. *Test Range*
6. *Add Users*
7. *Monitoring Service*

STEP ONE: CHOOSING A LANGUAGE

Choose from three different languages: English, French or Spanish.

A language will be displayed on the screen when power is supplied to the Base Unit.

1. To continue in English, select OK.

```
English?
NO    V    Λ    OK
```
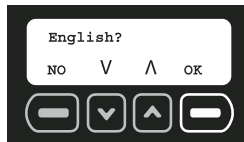
2. To choose another language, use the arrow keys to find the correct language.
3. When the desired language is displayed, select OK.

```
Espanol?
No    V    Λ    OK
```
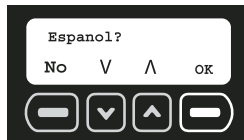
STEP TWO: SET TIME AND DATE

Time and date MUST be set during the initial setup. The event log will list all events according to date and time.

1. Using the numbers on the keypad, set the clock to the appropriate time, changing hours first, then minutes. The character that is being changed will be underlined. To move back a character, use the down arrow. To move forward a character, use the up arrow. Select SET.

```
Set Time:   12:00
BACK <    > SET
```
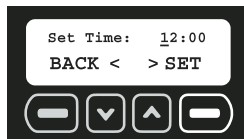
2. Choose AM or PM. The up and down arrows are used to toggle between AM and PM. Select SET.

```
Set Time:    AM
BACK   v   Λ   SET
```
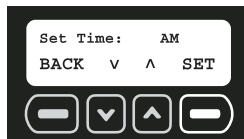
3. Using the numbers on the keypad, set the date. The character that is being changed will be underlined. To move back a character, use the down arrow. To move forward a character, use the up arrow. Select SET

```
Date:      01/01/04
BACK   <    >   SET
```
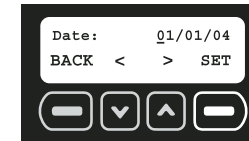
STEP THREE: SET MASTER CODE

A master code MUST be selected. This code can be changed; however, it is the ONLY code that can be used to make programming changes and clear a fault.

The Enter Master Code screen will appear after the date is set.

```
Enter Master Code:####
BACK   <    >    OK
```
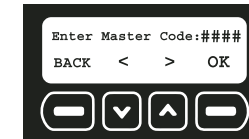
1. Using the numbers on the keypad, enter a four digit master code. The character that is being changed will be underlined. To move back a character, use the down arrow. To move forward a character, use the up arrow.
   NOTE: Only the master code can be used to make programming changes. Be sure to choose a code that is easy to remember or write this code in a secure location away from the system. If you lose this code, you will need to have it reset through customer service. See **If You Lose Your Code** for details. All other users will have access to the arming and disarming features only. To add a new user see **Add Users**.
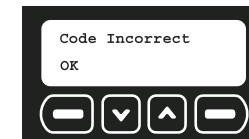2. After entering the master code, select OK.
3. Re-enter the master code to confirm. Again, using the numbers on the keypad, enter the four digit master code. Select OK.

```
Re-enter Master Code:_
BACK   <    >    OK
```
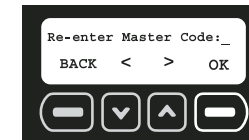
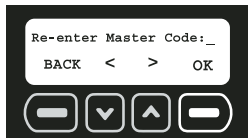4. If the master codes match, the screen will indicate that the master code has been saved. Select NEXT.

```
Master Code Saved
              NEXT
```
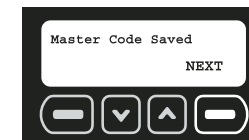
NOTE: If the codes do not match, the screen will display Code Incorrect.

```
Code Incorrect
OK
```

If Master Codes Do Not Match
1. Select OK.

2. Re-enter the master code. Select OK.

```
Re-enter Master Code:_
 BACK   <    >    OK
```

3. If the codes match, the screen will indicate that the master code has been saved. Select NEXT.

```
Master Code Saved
              NEXT
```
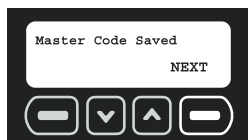
STEP FOUR: ASSIGN DEVICES

Up to 48 sensors and 6 Key Chain Remotes can be assigned. As each sensor is added, it will communicate with the Base Unit to notify the user of an intrusion. Additional sensors and remotes can be programmed at any time after the initial setup. Refer to **Wireless Device Maintenance**.

NOTE: Each device (Key Chain Remote or sensors) must have batteries to operate. Refer to the instruction manual for each device to determine the type of battery required.

1. The Assign Wireless Devices screen will appear after setting the master code. To add sensors and Key Chain Remotes, select OK.

```
Assign Wireless Devices?
 SKIP              OK
```

2. The device number of the next available device will be displayed. Add the Key Chain Remote included with the Base Unit as the first device. Select OK. The device will not register until OK is selected and then the device reset button is pressed and released.

```
Device 1 ?
 BACK             OK
```

NOTE: Each device has a reset button that must be pressed and released. To locate the reset button, refer to the instructions for each particular device.

RESET BUTTON

3. Reset the device.

```
Reset Device
 CANCEL
```

⚠ **CAUTION:** *Do not touch the electronic components inside the devices as they are static sensitive.*

TO ACCESS THE RESET BUTTON ON THE KEY CHAIN REMOTE

a. Using a flat screwdriver, open the housing. Insert the screwdriver about .25" (6mm) at the tab on the top of the unit. Pry downward on the handle of the screwdriver until the latch holding the cover to the housing base releases.

RESET BUTTON
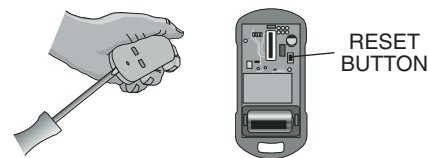
b. Install the battery using the polarity (+ and -) markings on the battery and equipment. Do not use excessive force. If the battery does not fit, check to make sure that it matches the polarity markings.

c. When prompted by the Base Unit to RESET DEVICE, press the reset button located inside the Key Chain Remote to register the device. After registering the Key Chain Remote, replace the cover.

4. Only 48 sensors and 6 Key Chain Remotes can be assigned, if there are no slots available, the screen will display ALL DEVICES IN USE. When the device has been registered, the screen will indicate which type of device has been registered. This description is the default description set at the factory. To provide further detail, such as the location of the device, the description can be changed by selecting EDIT. To keep the default description, select OK and move to step 7.

```
Device 1 Registered
 OK            EDIT
```
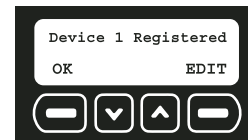
NOTE: If the device does not register when you press the reset button, see the **Troubleshooting Guide** for more detailed information.

| List of Devices	Code
Indoor Motion Sensor – PIR	I.MOTION
Door / Window Contact Sensor	DOOR/WIN
JobSite Security Cable Lock	CABLE
Container Sensor	CONTAIN
Outdoor Motion Sensor – PIR	O.MOTION
Key Chain Remote	KEYCHAIN

5. To edit the device description using the keypad, type a description of up to 8 characters. The character that is being changed will be underlined. To move back a character, use the down arrow. To move forward a character, use the up arrow.

To change from numbers to letters, reference the Alpha/Numeric chart below:

ALPHA/NUMERIC CHART

KEY PAD	# of presses				
	1	2	3	4	5
1	1	1	1	1	1
2	2	A	B	C	2
3	3	D	E	F	3
4	4	G	H	I	4
5	5	J	K	L	5
6	6	M	N	O	6
7	7	P	Q	R	S
8	8	T	U	V	8
9	9	W	X	Y	Z
0	0	space	.	space	.

IMPORTANT: Write the device description and corresponding device number on the **Sensor Location List**. Keep this sheet for reference. This information will be needed during the monitoring service enrollment process. The location and descriptions for each device are critical for the monitoring of the system.

6. After editing the device description, select SAVE.

```
Dev 01: CABLE

CANCEL <    > SAVE
```
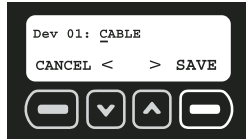
7. Select YES to add another device. Select NO to move to the next step.

```
Another Device?

YES              NO
```
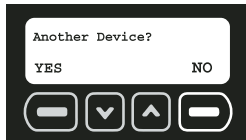
If YES is selected, the system automatically assigns the device in the next available space.

STEP FIVE: TEST RANGE

Each sensor and Key Chain Remote should be tested. Several conditions, including radio frequency interference from metal objects may affect a sensor's ability to communicate with the Base Unit.

IMPORTANT: The system will ask if the devices have been installed. See **System Overview** and each sensor's individual manual to determine the best location for each sensor.

1. When the sensors have been installed in the desired location, select YES.

```
Install Device?

SKIP            YES
```
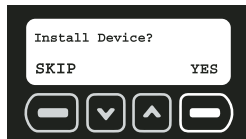
2. A walk test will verify that each sensor can communicate with the Base Unit. Be sure all sensors have been installed in the desired location. Begin the walk test by selecting YES.

```
Perform Walk Test?

SKIP            YES
```
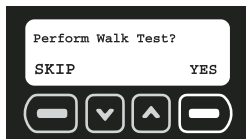
3. During the test function, the system will cycle through the list of registered devices. Each device is displayed for one second.

```
Dev 01: CONTAIN

CANCEL
```
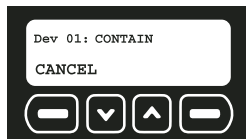
4. Walk through the site and trigger each sensor using the list below. As that sensor is tripped, the entry should disappear.

Indoor Motion: Wait 90 seconds since last motion was detected then walk through the areas where protection is expected. When motion is detected, it will signal the Base Unit and be removed from the test list. Determine the limits of the coverage by repeating this test until the motion is not detected.

Door/Window: Open and close the door or window to test.

**Cable Lock:** Open and close the lock to test.

Container Sensor: Wait 60 seconds since the last container vibration, then create vibration on the container to test. Adjust sensitivity as necessary.

Outdoor Motion: Wait 90 seconds since last motion was detected then walk through the areas where protection is expected. When motion is detected, it will signal the Base Unit and be removed from the test list. Determine the limits of the coverage by repeating this test until the motion is not detected.

Key Chain Remote: Press and release the lock (🔒) button.

NOTE: After testing each sensor, if a sensor is still listed on the screen, see the **Troubleshooting Guide** for more detailed information.

5. When the test is complete, select NEXT.

```
Test Complete

            NEXT
```
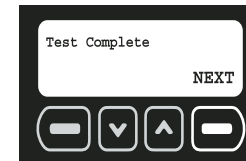
NOTE: See **Test** under **Features and Options** for more detailed information.

STEP SIX: ADD USERS

Up to 6 users (including the master user) can access the system to arm and disarm. Additional users can be programmed at any time after the initial setup. Refer to **User Code Maintenance**.

NOTE: The master user is the only user that can access the programming functions. Any users other than the master user will only have access to arming and disarming the system. After the devices have been registered, the Base Unit will display the Add User screen.

1. To add new users, select OK.

```
Add Users?

SKIP            OK
```
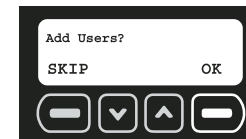
2. Starting with User 1, enter a four digit access code. To move back a character, use the down arrow. To move forward a character, use the up arrow.

```
User1: 0000

EXIT  <    > SAVE
```
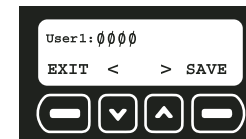
3. After entering the user code, select SAVE.
4. Next, enter a name for the user. Using the keypad, type the text (up to 8 characters). The character that is being changed will be underlined. To move back a character, use the down arrow.

To move forward a character, use the up arrow. To select letters, reference the **Alpha/Numeric Chart** in the **Appendix**.

```
Name: User1
        <    > SAVE
```
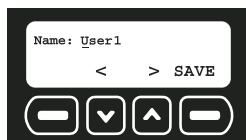
IMPORTANT: Write the name and corresponding user number on the **Sensor Location List**. Keep this sheet for reference.

5. After entering the user name, select SAVE.

```
Name: SMITH
EXIT   <   >  SAVE
```
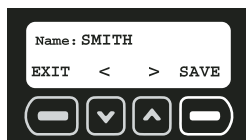
6. Select YES to add a user. The user number of the next available user will be displayed. Continue to add users or select NO to complete the initial setup.

```
Another User?
NO              YES
```

STEP SEVEN: MONITORING SERVICE

Setting up a monitoring service will provide an option of being contacted directly or having the authorities notified in the event of an alarm.

After registering the devices, the screen will provide information to help set up the monitoring service. Select OK to access the account number and the MIN required for monitoring. If choosing to have the police notified, check with local authorities to be sure that a monitoring service can be used. Registration may be necessary and fees may be involved. Fees are the responsibility of the owner of the system. Contact DEWALT customer service to set up the monitoring service.

The initial setup in now complete.
Any future changes must be made through the main menu.
*See **Features & Options** for detailed instructions.*

BASIC OPERATIONS

Arming the System

Activating the alarm to protect assets and notify if an intrusion has occurred.
- *Delays*
- *Using the Keypad*
- *Using the Key Chain Remote*
- *Arming Automatically*

IMPORTANT: After arming the system, exit before the end of the delay period or an alarm will sound!

DELAYS

All wireless sensors and the Base Unit motion sensor are programmed with built-in delays. This will give the user 60 seconds to exit after arming and 30 seconds to enter before disarming without causing an alarm. Each sensor, aside from the Base Unit motion sensor, can be changed to *Instant* so that when the system is armed, an instantaneous alarm occurs when the sensor is tripped.

IMPORTANT: The vibration sensor in the Base Unit and the tamper in every sensor are automatically set to instant. This setting cannot be changed. The purpose of this setting is to send a notification if an intruder attempts to disable or destroy the device.
See **Set Delay/Instant** under **Features and Options** for more information.
NOTE: To avoid a false alarm, sensors that are likely to be tripped as the user enters and exits the site to arm/disarm the unit should remain set on delay mode.

USING THE KEYPAD

IMPORTANT: Arming the system introduces the risk of setting a FALSE ALARM. If unable to disarm before the monitoring system is notified, call DEWALT customer service to report a false alarm. If the authorities have been dispatched, a fee may be associated with the false alarm. This fee is the responsibility of the owner of the system.

1. To arm the system, select ARM.

```
01/01/04        08:54 AM
ARM              MENU
```
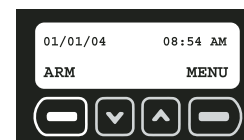
2. Using the keypad, enter either the master code or a valid user code.
3. For 60 seconds, the Arming screen will display indicating that the system is arming:

```
Arming...
            DISARM
```
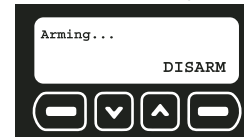
During arming, the Base Unit will beep for 10 seconds followed by 40 seconds of silence. The Base Unit will beep faster during the last 10 seconds of arming.

To disarm for any reason before arming is complete, such as the need to re-enter the premises, press the unlock 🔓 button on the right of the Key Chain Remote or select DISARM and enter either the master code or a user code.

NOTE: If **Arming with Faults** is displayed with continuous warning chimes, there is a serious issue that could leave the site unsecured. You may arm over a fault (force arm); however, it is highly recommended that the issue be corrected prior to arming. For further information on fault codes, see **Faults.**

4. There are two indications that the system is armed. First, the ARMED light on the upper right of the keypad will be on. Second, the Armed screen will be displayed.

```
Armed; Enter Code
```
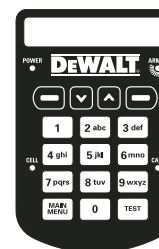
USING THE KEY CHAIN REMOTE

The Key Chain Remote can be used for one-touch arming from up to 2000' away from the Base Unit.

IMPORTANT: Arming the system introduces the risk of setting a FALSE ALARM. When a device is tripped (i.e., a door is opened), immediately disarm the system. If unable to disarm before the monitoring system is notified, call DEWALT customer service to report a false alarm. If the authorities have been dispatched, a fee may be associated with the false alarm. This fee is the responsibility of the owner of the system.

CAUTION: LOUD NOISE. Using the Key Chain Remote to arm the system will cause a brief loud noise that may startle any persons near the Base Unit.

1. To arm the system, press the lock 🔒 button on the left side of the Key Chain Remote.
2. For 60 seconds, the screen will display the following message indicating that the system is arming:

```
Arming...

            DISARM
```

During arming, the Base Unit will first make a quick loud siren noise to indicate that the signal from the Key Chain Remote was received and the system is arming. The Base Unit will chime for 60 seconds. Finally, the Base Unit will make two quick loud siren noises to indicate that the system is armed.

> *To disarm for any reason before arming is complete, such as the need to re-enter the premises, press the unlock 🔓 button on the right side of the Key Chain Remote or select DISARM and enter either the master code or a user code.*

NOTE: If **Arming with Faults** is displayed and a warning chime is heard, there is a serious issue that could leave the site unsecured. You may arm over a fault (force arm); however, it is highly recommended that the issue be corrected prior to arming. For further information on fault codes, see **Faults**.

3. There are three indications that the system is armed. First, there will be a quick loud siren noise. Second, the ARMED light on the unit will be on. Third, the Armed; Enter Code screen will be displayed.

```
Armed; Enter Code

```

ARMING AUTOMATICALLY

This feature can be useful to ensure the system can be properly armed if arming cannot be initiated by the master user or other users of the system. Once a time is set, the system will activate at the same time each day.

CAUTION: LOUD NOISE. Enabling the auto arm feature will cause a brief loud noise while arming that may startle any persons near the Base Unit.

To enable the automatic arming feature, be sure that the system is disarmed.
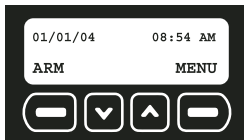
1. Start at the main screen.

```
01/01/04        08:54 AM

ARM              MENU
```

2. Select MENU or press MAIN MENU on the keypad.
3. Using the keypad, enter the master code.
4. Use the up and down arrows to scroll through the menu until the System Settings screen is displayed. Select OK.

```
System Settings

EXIT    V    ^    OK
```
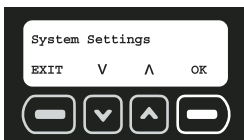
5. Use the up and down arrows to scroll through the menu until the Auto Arm ON/OFF screen is displayed. Select OK.

```
Auto Arm ON/OFF

EXIT    V    ^    OK
```
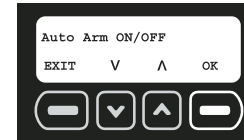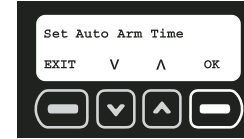
6. When the following screen appears, select CHANGE. The CHANGE button toggles between on and off.

```
Autoarm OFF

EXIT            CHANGE
```
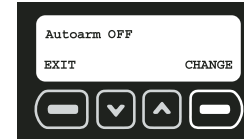
7. When the automatic arming is enabled, the Autoarm ON screen will appear. Select EXIT.

```
Autoarm ON

 EXIT           CHANGE
```
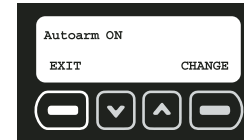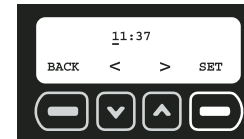
8. To set the time, select OK.

```
Set Auto Arm Time

EXIT    V    ^    OK
```

9. Using the numbers on the keypad, choose a time for the system to be automatically armed, changing hours first, then minutes.
   The character that is being changed will be underlined. To move back a character, use the down arrow. To move forward a character, use the up arrow.
10. Select SET.

```
        11:37

BACK    <    >    SET
```

11. Choose AM or PM. The up and down arrows are used to toggle between AM and PM.
12. Select SET.

```
        AM

BACK    V    ^    SET
```
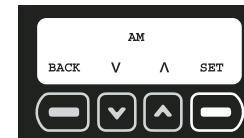
IMPORTANT: If for any reason the system is disarmed after the auto arm time and the site still requires protection, the system will need to be re-armed using the Key Chain Remote or keypad. The following day, the auto arm will continue to auto arm at the preset time.

Disarming the System

Deactivating the system to be able to make changes, open doors, etc., without setting an alarm response.

- *Entry Delays*
- *Using the Keypad*
- *Using the Key Chain Remote*

ENTRY DELAYS

Each sensor aside from the Base Unit motion sensor can be reset for *Instant* which eliminates the entry delay. By changing a device to instant, when the system is armed an alarm will take place as soon as the device is tripped.

IMPORTANT: The vibration sensor in the Base Unit and the tamper in every sensor are automatically set to instant. This setting cannot be changed. The purpose of this setting is to send a notification if an intruder attempts to disable or destroy the device.

IMPORTANT: To avoid a false alarm, sensors that are likely to be tripped as the user enters and exits the site to arm/disarm the unit should remain set on delay mode.

For more information, see **Set Delay/Instant** under **Features and Options.**

USING THE KEYPAD

IMPORTANT: Avoid causing vibration in the Base Unit when typing the master code. The vibration sensor will be on as soon as the internal motion detector recognizes motion. When a vibration occurs, the unit will send an alarm. This is to provide protection of damage or destruction of the Base Unit. If the vibration sensor is accidentally tripped, the system will immediately contact the monitoring system.

When the system is armed, the Armed screen will be displayed:

```
Armed; Enter Code
```
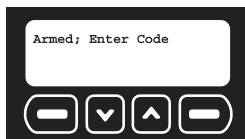
1. To disarm the system, use the keypad to enter either the master code or a valid user code.
2. The main screen will be displayed. The ARMED light on the unit will be off.

```
01/01/04        08:54 AM
ARM             MENU
```
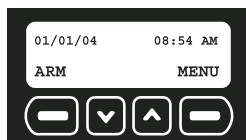
USING THE KEY CHAIN REMOTE

Use the Key Chain Remote for one-touch disarming from up to 2000' away from the Base Unit.

When the system is armed, the Armed screen will be displayed:

```
Armed; Enter Code
```

1. To disarm the system, press the unlock 🔓 button on the right side of the Key Chain Remote.
2. The main screen will be displayed. The ARMED light on the unit will be off.

```
01/01/04        08:54 AM
ARM             MENU
```
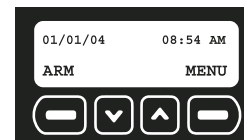
Faults

Faults indicate when there has been a serious issue that needs to be addressed. This could be a number of things including an unsecured device, low battery, tamper and weak signal.

- *How to View Faults*
- *Clearing a Fault*
- *Description of Fault Codes*

HOW TO VIEW FAULTS

If a fault is present, the system will chime and display the Fault screen.

```
Fault
SILENCE         DISPLAY
```

1. To silence the chime, select SILENCE. This will simply allow the system to be armed over a fault and/or silence the chime. It is recommended to correct the fault as soon as possible. To display the fault and resolve immediately, select DISPLAY.
2. The fault code will be displayed. Use the up and down arrows to scroll through the faults. Resolve the issue with the action listed in **Description of Fault Codes** chart and the Fault screen will disappear. To remove a tamper fault, select CLEAR.

```
DevLowBatt
EXIT            CLEAR
```

IMPORTANT: See the **Description of Fault Codes** for more details regarding a fault and resolution actions. All faults, except a tamper, will **automatically** be cleared when the issue has been resolved. An event will be recorded in the event log indicating the date and time that the event occurred and was resolved.

NOTE: A tamper fault will not be automatically cleared. After the device has been inspected, checked for damage, and the cover closed, the fault will need to be cleared. See **Clearing a Fault**. This process was designed to create awareness of the tamper with the master user and require verification that the problem has been resolved.

CLEARING A FAULT

To clear any fault other than a tamper fault, correct the condition at the sensor. For example: replace the battery, relocate to an area with a better signal, etc.

To Clear a Tamper Fault:

IMPORTANT: Before clearing a tamper fault, be sure that the issue has been resolved. Only the master user can clear tamper faults.

1. When the Fault Code screen is displayed; select CLEAR.
2. Use the keypad to enter the master code.
3. Select OK.

DESCRIPTION OF FAULT CODES

NOTE: See the **Troubleshooting Guide** for more detailed information.

DESCRIPTION OF FAULT CODES

Fault Code	Fault Display	Description	Action
Power	Primary Power Lost Base	No power to Base Unit	Check power supply
DevPower	Primary Power Lost Device #	No battery power in device	Change battery, reset
BaseLowBatt	Base Low Battery	Base Unit battery low	Plug in power supply to recharge battery
DevLowBatt	Low Battery Device #	Device battery low	Change battery, reset
WeakSig	Weak Signal Device #	Transmission signal from device is weak	Check for interference; move device
Unsecured	Unsecured Device #	Device has been tripped	Check for intrusion; re-secure device
NoCheckIn	No Check In Device #	Device check-in messages have not been received	Check for interference; move device
Tamper	Tamper	Device has been opened or damaged	Close device or replace if damaged
BaseBadBatt	Bad Battery Base	Base Unit battery has dropped below the voltage limit	Needs to be repaired at DEWALT authorized service center
CellRadio	Cell Radio Fault	Cellular radio signal is lost	Move Base Unit to a location where CELL light is solid
Receiver	Receiver Fault Device #	2-way transmission of device is lost	Call customer service to test system for issues

---

FEATURES & OPTIONS

System Settings

The systems settings menu allows for changes in user codes, wireless devices, automatic arming, delays and account information.

- *Wireless Device Maintenance*
- *Change Master Code*
- *User Code Maintenance*
- *Set Console Devices*
- *Set Delay/Instant*
- *Clear Settings*
- *Auto Arm ON/OFF*
- *Auto Arm Time Set*
- *Review Account*
- *Choose Language*

WIRELESS DEVICE MAINTENANCE

After the initial setup, a device such as a sensor or Key Chain Remote can be added, edited or removed.

- *Adding or Replacing a Device*
- *Editing a Device*
- *Removing a Device*

---

1. Start at the main screen.
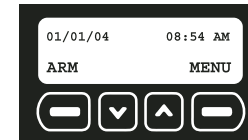
```
01/01/04      08:54 AM

ARM                 MENU
```

2. Select MENU or press MAIN MENU on the keypad.
3. Using the keypad, enter the master code.
4. Use the up and down arrows to scroll through the menu until the System Settings screen is displayed. Select OK.

```
System Settings

EXIT     V     ∧     OK
```
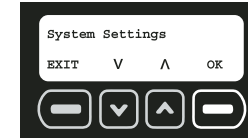
5. Use the up and down arrows to scroll through the menu until the Wireless Device Maintenance screen is displayed. Select OK.

```
Wireless Device Mainten

EXIT     V     ∧     OK
```

**To Add a Device:**

1. Use the up and down arrows to scroll through the menu until the Add/Replace Device screen is displayed. Select OK.

```
Add/Replace Device

EXIT     V     ∧     OK
```
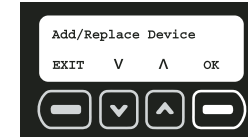
2. The next available device number will be displayed. If there are no slots available, the screen will display ALL DEVICES IN USE.

   To replace a device, use the up and down arrows to select the device to be replaced. If a previously programmed device is selected, the old device will be overwritten when the reset button on the new device is pressed.

```
Device 1 ?                    Dev 01: CABLE

EXIT     V     ∧     OK        EXIT     V     ∧     OK
```
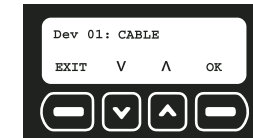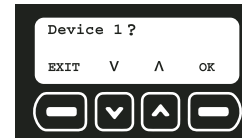
3. When the device number is shown, select OK. The device will not register until after the OK button is pressed and device has been reset.
4. Reset the device.
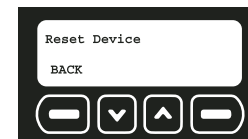
```
Reset Device

BACK
```

NOTE: Each device has a reset button that must be pressed and released. To locate the reset button, refer to the instructions for each particular device. Be sure that batteries are properly installed in each device. Press the reset button now.

5. The screen will indicate that the device has been registered with the following screen. Only 48 sensors and 6 Key Chain Remotes can be added. If there are no slots available, the screen will display ALL DEVICES IN USE. To edit the description of the device, select EDIT. To add another device, select EXIT.
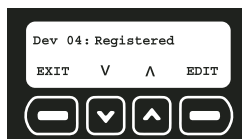
```
Dev 04: Registered

EXIT    V     ∧    EDIT
```

6. To edit the description, use the keypad to type a description (up to 8 characters). The character that is being changed will be underlined. To move back a character, use the down arrow. To move forward a character, use the up arrow.

   IMPORTANT: Write the device description and corresponding device number on the **Sensor Location List**. Keep this sheet for reference. This information will be needed during the monitoring service enrollment process. The location and descriptions for each device are critical for the monitoring of the system.

7. Select SAVE.

```
Dev 01: CABLE

CANCEL <    > SAVE
```
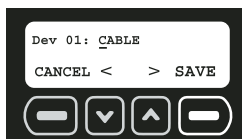
   IMPORTANT: As device changes are made, be sure to contact DᴇWALT customer service to make adjustments.

To Edit a Device:

1. Use the up and down arrows to scroll through the menu until the Edit Device screen is displayed. Select OK.
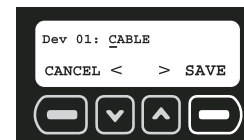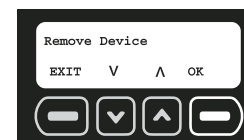
```
Edit Device

EXIT    V     ∧    OK
```

2. Use the up and down arrows to scroll through the list until the device to be edited is reached. Select EDIT.
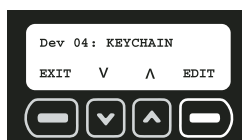
```
Dev 04: KEYCHAIN

EXIT    V     ∧    EDIT
```

3. To edit the description, use the keypad to type a description (up to 8 characters). The character that is being changed will be underlined. To move back a character, use the down arrow. To move forward a character, use the up arrow.

   IMPORTANT: Write the device description and corresponding device number on the **Sensor Location List**. Keep this sheet for reference. This information will be needed during the monitoring service enrollment process. The location and descriptions for each device is critical for the monitoring of the system.

4. Select SAVE.

```
Dev 01: CABLE

CANCEL <    > SAVE
```

5. Select EXIT.

To Remove a Device:

1. Use the up and down arrows to scroll through the menu until the Remove Device screen is displayed. Select OK.

```
Remove Device

EXIT    V    ∧   OK
```

2. Use the up and down arrows to scroll through the list until the device to be removed is reached. Select REMOVE.

```
Dev 02: KEYCHAIN

EXIT    V    ∧   REMOVE
```

3. The system will indicate that the device has been removed. Select OK.

```
Device Removed

                OK
```
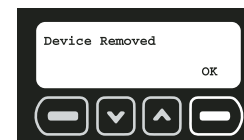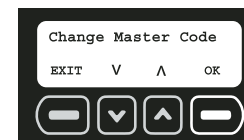
CHANGE MASTER CODE

The master code enables ONLY the master user to make programming changes to the system as well as arm and disarm. The master code can be changed at any time while the system is disarmed.

1. Start at the main screen.
2. Select MENU or press MAIN MENU on the keypad.
3. Using the keypad, enter the master code.
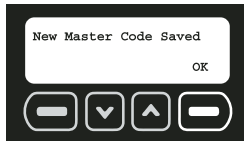4. Use the up and down arrows to scroll through the menu until the System Settings screen is displayed. Select OK.

```
System Settings

EXIT     V    ∧     OK
```
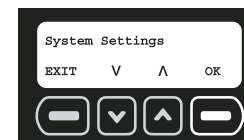
5. Use the up and down arrows to scroll through the menu until the Change Master Code screen is displayed. Select OK.

```
Change Master Code

EXIT    V    ∧    OK
```

6. Re-enter the *current* master code. This allows verification that the master user is making the change.
7. If a valid master code is entered, the system will ask for a new master code. Using the numbers on the keypad, enter a new four digit master code. Then, select OK.

```
Enter New Master Code

EXIT    <    >    OK
```

8. Re-enter the new master code to confirm. Again, using the numbers on the keypad, enter the new four digit master code. The character that is being changed will be underlined. To move back a character, use the down arrow. To move forward a character, use the up arrow. Then, select OK.
9. If the codes match, the system will confirm that the master code has been changed. Select OK.

```
New Master Code Saved

                    OK
```

NOTE: If the codes do not match, the Codes Do Not Match screen is displayed:

```
Codes Do Not Match

OK
```

If Master Codes Do Not Match
1. Select OK.
2. The Change Master Code screen is displayed (Step 5, **Change Master Code**). The original master code is the default code until it is changed and verified.

USER CODE MAINTENANCE
After the initial setup, a user code and name can be added, edited or removed.
   • *Adding a User*
   • *Editing a User*
   • *Removing a User*
1. Start at the main screen.
2. Select MENU or press MAIN MENU on the keypad.
3. Using the keypad, enter the master code.
4. Use the up and down arrows to scroll through the menu until the System Settings screen is displayed. Select OK.

```
System Settings

EXIT    V    Λ    OK
```
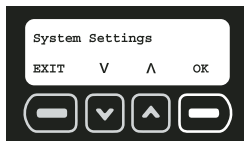
5. Use the up and down arrows to scroll through the menu until the User Code Maintenance screen is displayed. Select OK.

```
User Code Maintenance

EXIT    V    Λ    OK
```
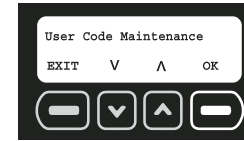
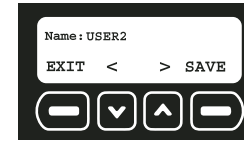**To Add a User**
NOTE: Up to 6 users including the master user can be programmed.
1. Use the up and down arrows to scroll through the menu until the Add User screen is displayed. Select OK.

```
Add User

EXIT    V    Λ    OK
```
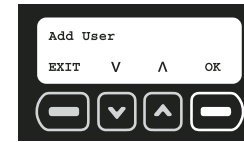
2. Starting with the next available user, enter a four digit access code. To move back a character, use the down arrow. To move forward a character, use the up arrow.
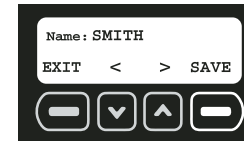
```
User1: φφφφ

EXIT    <    > SAVE
```
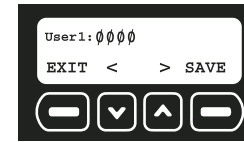
3. After entering the user code, select SAVE.
4. Next, add the name for the user. Use the keypad to type a name (up to 8 characters). The character that is being changed will be underlined. To move back a character, use the down arrow. To move forward a character, use the up arrow. To select letters, reference the **Alpha/Numeric Chart** in the **Appendix**.

```
Name:USER2

EXIT    <    > SAVE
```

IMPORTANT: Write the name and corresponding user number on the **Sensor Location List**. Keep this sheet for reference.
5. Select SAVE.

```
Name:SMITH

EXIT    <    > SAVE
```
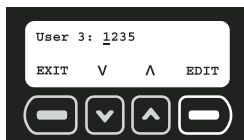
6. Continue to add users or choose EXIT.

To Edit a User
1. Use the up and down arrows to scroll through the menu until the Edit User screen is displayed. Select OK.

```
Edit User

EXIT    V    Λ    OK
```

2. Use the up and down arrows to scroll through the users to select the user to be edited. Select EDIT.

```
User 3: 1235

EXIT   V    Λ    EDIT
```

3. To change the user code, enter a new four digit access code. To move back a character, use the down arrow. To move forward a character, use the up arrow. Select SAVE.

```
User 3: 1235

EXIT   <    >    SAVE
```
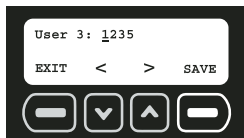
4. Next, edit the name for the user. Use the keypad to type a name (up to 8 characters). The character that is being changed will be underlined. To move back a character, use the down arrow. To move forward a character, use the up arrow. To select letters, reference the **Alpha/Numeric Chart** in the **Appendix**.

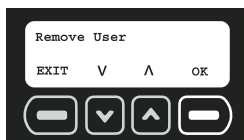   **NOTE:** Write the name and corresponding user number on the **Sensor Location List**. Keep this sheet for reference.

5. Select SAVE.

```
Name: SMITH

EXIT   <    >    SAVE
```
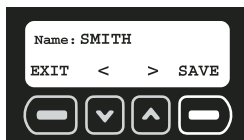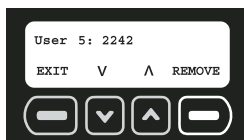
6. Continue to edit users or choose EXIT.

To Remove a User

1. Use the up and down arrows to scroll through the menu until the Remove User screen is displayed. Select OK.

```
Remove User

EXIT   V    Λ    OK
```

2. Use the up and down arrows to scroll through the users to select the user to be removed. Select REMOVE.

```
User 5: 2242

EXIT   V    Λ    REMOVE
```

3. The system will confirm that the user has been removed. Select OK.

```
User 5 Removed

              OK
```
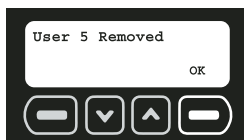
4. Continue to delete users or choose EXIT.

SET CONSOLE DEVICES

The Base Unit contains a siren and a strobe light. They provide notification of an alarm occurrence. Although it is not recommended, the siren and strobe can be turned off and will not operate if an alarm occurs.

1. Start at the main screen.
2. Select MENU or press MAIN MENU on the keypad.
3. Using the keypad, enter the master code.
4. Use the up and down arrows to scroll through the menu until the System Settings screen is displayed. Select OK.

```
System Settings

EXIT   V    Λ    OK
```
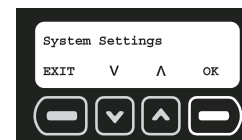
5. Use the up and down arrows to scroll through the menu until the Set Console Devices On/Off screen is displayed. Select OK.

```
Set Console Devices On/O

EXIT   V    Λ    OK
```
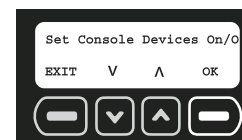
6. Using the up and down arrows, scroll to choose between strobe and siren. The screen will indicate whether the strobe/siren is currently set on or off. To change the status, select CHANGE.

```
Strobe: ON

BACK   V    Λ    CHANGE
```

7. Once all settings are to the user's preference, select BACK.

```
Siren: OFF

BACK   V    Λ    CHANGE
```
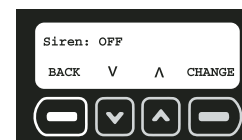
SET DELAY/INSTANT

Each sensor aside from the Base Unit motion sensor can be reset for *Instant* which eliminates the entry delay. By changing a device to *Instant*, when the system is armed, an alarm will take place as soon as the device is tripped.

NOTE: The vibration sensor in the Base Unit and the tamper in every sensor are automatically set to **Instant**. This setting cannot be changed. The purpose of this setting is to send a notification if an intruder attempts to disable or destroy the device.

NOTE: To avoid a false alarm, sensors that are likely to be tripped as the user enters and exits the site to arm/disarm the unit should remain set on delay mode.

1. Start at the main screen.
2. Select MENU or press MAIN MENU on the keypad.
3. Using the keypad, enter the master code.