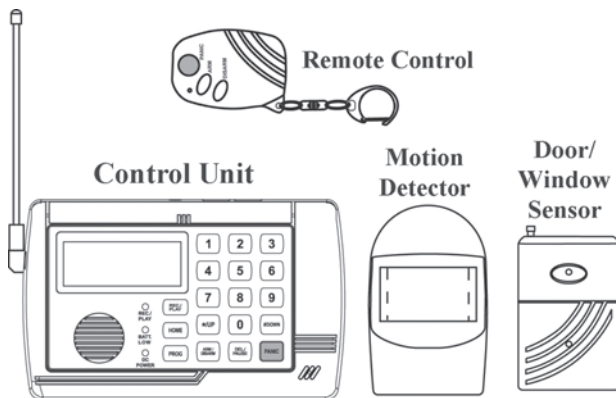




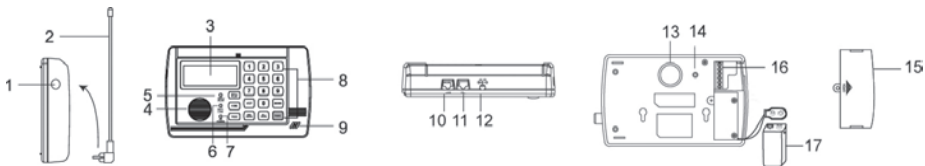
# Wireless Home Security System Product Manual

(Model #80355)



## Overview

1. When the door/window sensor or motion detector is triggered, it sounds an alarm and sends a signal to the control unit.
2. The control unit dials the first telephone number of your programmed list.
3. The person answering the call will hear the prerecorded alert message.
4. That person will have the option to listen in on the room, broadcast their voice through the control unit, or disarm the system.
5. If there is no answer, or if the person does not disarm the security system, the unit will dial the next number on your programmed list.



- |                   |                    |                      |
|-------------------|--------------------|----------------------|
| 1. Antenna Jack   | 6. Battery Low LED | 11. Telephone jack   |
| 2. Antenna        | 7. DC Power LED    | 12. DC 9V Power Jack |
| 3. LCD Display    | 8. Numerical Keys  | 13. Buzzer           |
| 4. Speaker        | 9. MIC             | 14. Reset button     |
| 5. REC. /Play LED | 10. Line jack      | 15. Battery cover    |
|                   |                    | 16. Terminal block   |
|                   |                    | 17. 9V Battery       |

## SAFETY TIPS

- Do not expose the system to direct sunlight or rain.
- Never place the unit close to your ear.
- Keep the unit away from radiators, heating ducts and stoves.

**NOTES:**

[illegible]

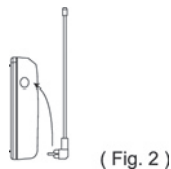
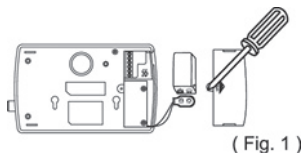
## INSTALLATION INSTRUCTIONS

During set-up, if no key is pressed for 20 seconds the unit will come out of the setup mode and you will have to start over. You should first read the instructions before keying them in, so that the unit will not time out.

Do not permanently mount any of the pieces until completing the testing directions to determine if the wireless system can communicate with all of the sensors.

### STEP ONE: INSTALL THE CONTROL UNIT

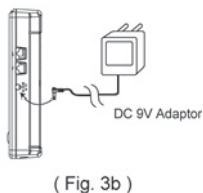
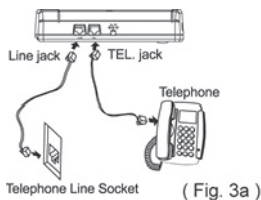
1. Remove the screw of main unit from battery compartment cover. Install a 9V battery and replace cover. This provides back-up power in case of power failure. (Fig.1)



2. Plug the antenna into the plug labeled “ANT.” on the side of the unit. (Fig.2)
3. Connect the included phone cord to the jack on the control unit labeled “LINE.” Connect the other end of the cord to your wall jack. (Fig. 3a)

Please note, if using DSL service, a DSL filter must be installed on the Control Unit.

4. You can also connect a phone to the unit by plugging it into the “TEL” jack. (Fig. 3a)  
Check to see if you have a dial tone.
5. Plug the AC adapter into the DC9V socket on the control unit. (Fig 3b)



## STEP TWO: PROGRAM THE CONTROL UNIT

1. Change the default password by pressing “000” followed by the [PROG] button. “Password” will be flashing. Press the [ARM/DISARM] button. Enter your new password followed by the [ARM/DISARM] button. (Choose 3-6 numbers for your password)

Password will continue to flash for 10-15 seconds while control unit is resetting to the new password.

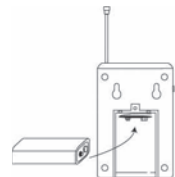
If you forget your password, press and hold [PROG] button while using a pen to touch the [RESET] button which is located on the back of the unit. (See Control Unit Description #14) The display will flash and return to normal. The password will be restored to the factory pre-set password of “000.” The unit will remember your phone number and accessories, but the date and time will need to be reprogrammed.

If “HOME” is showing on the display, you will not be able to reset the password until you deselect the HOME mode. To deselect HOME mode, press the [HOME] key.

2. Set the date and time. The unit uses military time. Enter the setup by typing your new password followed by the [PROG] button. Then press the [\*/UP] or [# /DOWN] button until the ⌚ is flashing. Press the [ARM/DISARM] button to select the clock. The year should be flashing. Press the [\*/UP] or the [# /DOWN] button to change the year. Then press the [ARM/DISARM] button to confirm. Then change the month, day and time and then press the [ARM/DISARM] button to confirm each one. You need to press the [\*/UP] or the [# /DOWN] button to change the numbers. You cannot enter the time using the number pad.
3. Enter your password followed by the [REC/PLAY] button. Speak your message for the unit. You have 20 seconds for your message. When you have finished recording your message, press the [REC/PLAY] button. You need to include instructions in your message on how to disarm the unit, as you will probably not remember all the remote control functions once the unit has been activated.  
  
Your message should be similar to: “[Your name’s ] security system has been activated. Please enter a command.” (Optionally you may wish to list the commands: “1#”-Monitor Room, “2#”-Broadcast, “3#”-End Call or “6#”-Disarm System.)
4. To listen to your recorded message press the [REC/PLAY] button.

## STEP THREE: INSTALL THE DOOR/WINDOW SENSOR

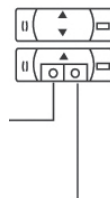
1. Remove the screw from the battery compartment cover. Install a 9V battery and replace the battery cover and screw. (Fig.1)



(Fig.1)

2. You should test the door/window sensor transmitting range before mounting it permanently. First, move the alarm switch to OFF. Put the two sensors you pulled out of the battery compartment next to each other with the arrows pointing towards each other.

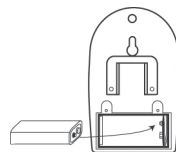
(Fig. 4) Go back to the control unit and press the [HOME] button. After 60 seconds, return to the magnetic door/window sensor and separate the two sensors. You should hear the control unit sound a “Ding-Dong” chime if the signal is working. If this fails, pull the antenna up from the door/window sensor and try again. Press [HOME] again to turn this testing mode off.



(Fig. 4)

#### STEP FOUR: INSTALL THE MOTION DETECTOR

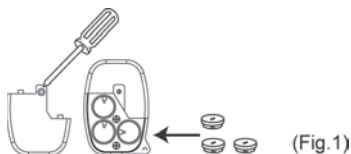
1. Remove the screws from the battery compartment cover (Fig.1) and install a 9V battery and replace cover.
2. Test the motion detector transmitting range before mounting it permanently. Temporarily place the detector at the mounting location. Go back to the control unit and press the [HOME] button. After 60 seconds, return to the motion detector and make a motion in front of the motion detector. You should hear the control unit sound a “Ding-Dong” chime if the motion detector is working. If this fails, move the motion detector closer to the control unit. Press [HOME] again to turn off the testing mode.
3. Walk in the area you want the motion sensor to detect. It should continue to make the “Ding-Dong” chime from step 2. If it does not, move the motion detector so that the chime goes off when you walk in the selected area. If you cannot get the chime to go off, move the sensor.



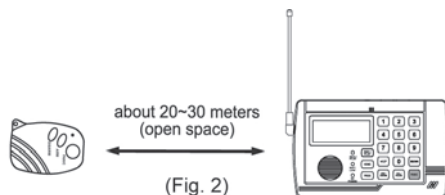
(Fig.1)

#### STEP FIVE: INSTALL THE REMOTE CONTROL

1. Remove the screw from the battery compartment cover (Fig.1) and install 3 LR44X3 batteries (included) and replace cover. Make sure the + or – of the batteries match the marks on the inside of the battery compartment. The Remote has a range of about 20-30 meters or 60-100 feet. (Fig. 2)



(Fig.1)



(Fig. 2)

## STEP SIX: PROGRAMMING THE TELEPHONE NUMBERS

We recommend using your cell phone as the first person on your list. Make sure you have permission from each person on your list to use their phone number.

1. Enter the setup mode by pressing your password followed by the [PROG] button.
2. Press the [# / DOWN] button. "MEMORY" should be flashing. Press [ARM / DISARM] to select.
3. "①" should be in the left corner. Key in the first phone number you want the unit to call and press [ARM / DISARM] when you have finished keying it in. If you make a mistake, press the [DEL / PAUSE] button to erase incorrect numbers.
4. Press the [\* / UP] button to advance to the second phone number. "②" should be showing in the left corner. Key in the second number you want the unit to call and press the [ARM / DISARM] button when you have finished. You may program up to 5 numbers.

Once you program in a phone number, you will need to press the [DEL / PAUSE] button to delete the existing number if you need to change it.

### Dialing Notes:

To add a pause in the dialing sequence, press and hold the [DEL / PAUSE] button for two seconds. An "F" will appear on the display to indicate that the command has been accepted.

To add a "\*" to the dialing sequence, press and hold the [\* / UP] button for two seconds. An <sup>L</sup> symbol will appear on the display to indicate that the command has been accepted.

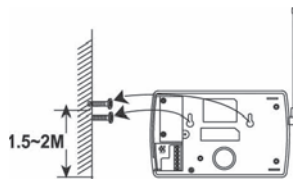
To add a "#" to the dialing sequence, press and hold the [# / DOWN] button for two seconds. An <sup>J</sup> symbol will appear on the display to indicate that the command has been accepted.

## STEP SEVEN: TEST THE WIRELESS SECURITY SYSTEM

- A. Let the first person on your list know that you are about to test the system.
- B. Press the [Arm] button on the Remote Control. Wait for a minute. At that time the Control Unit will beep. Now trigger one of the sensors. The Control Unit will beep an alarm sound and then call the first number on your list. Have the person on the other end enter one of the following commands: "1#" - Monitor Room, "2#" - Broadcast, "3#" - End Call or "6#" - Disarm System.

## STEP EIGHT : PERMANENTLY MOUNT THE COMPONENTS

1. Mount the control unit to the wall, or place on a sturdy table. For wall mount, drill holes and install anchors and screws. Place the unit over the screws and slide it down to a secure place. (Fig. 1)



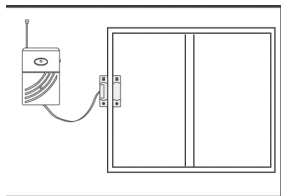
(Fig. 1)

2. Mount the magnetic door/window sensor. Choose a suitable location, drill holes, and install anchors and screws. Place the unit over the screws and slide it down to secure in place. (Fig.2)

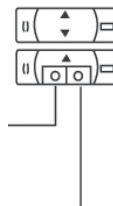


(Fig.2)

3. Mount the magnetic wired piece to the door or window frame and the matching non-wired piece to the other side by using the double-sided tape (included). (Fig.3) Make sure that the arrow on the wired sensor points to the non-wired sensor. The two sensors should be no more than 1/4" apart. (Fig.4)

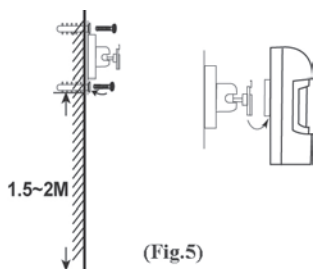


(Fig.3)

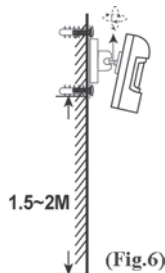


(Fig. 4)

4. Permanently mount the wireless motion detector sensor. Drill holes and install anchors and fix the bracket by screws. Place the main unit into the bracket and slide it down to secure in place. (Fig 2) You can adjust the bracket to obtain the best coverage of the intended protected area. (Fig 3)



(Fig.5)



(Fig.6)

## BASIC OPERATIONS

- To activate the security system without the remote, type in your password followed by the [ARM/DISARM] button.

If you attempt to arm the security system and an open zone condition exists, the LCD will display “CLOSE PLEASE” followed by a number indicating the location of the open zone(s) and the Control Unit will sound a high pitched rapid beeping tone for approximately 60 seconds. At any time during the 60 seconds in which the Control Unit is beeping, the open zone(s) may be closed and the security system will arm as expected. If you are unable to immediately close the open zone(s), the Control Unit may be silenced by entering your password followed by the [ARM/DISARM] button. THE SECURITY SYSTEM WILL NOT ARM WITH AN OPEN ZONE CONDITION.

When the security system dials in response to an alarm, the Control Unit will dial each telephone number programmed into the system until the security system is disarmed or until the security system has dialed all of the telephone numbers in the programmed list of telephone numbers for the number of call cycles programmed. The default number of call cycles is one. The approximate time delay between the dialing of each telephone number is 40 seconds.

- To deactivate the unit without the remote type in your password followed by the [ARM/DISARM] button.
- The Panic Button: When you press the [PANIC] button on the control unit, or press and hold the [PANIC] button for 2 seconds on remote control, the alarm will sound instantly for 30 seconds. At the same time, the Auto-Dialer will begin dialing the phone numbers you programmed. To stop the alarm and the phone numbers from being dialed press your password and the [ARM/DISARM] button on the control unit or hold the [DISARM] button on the remote control for 2 seconds.
- Telephone controls: When the unit dials in response to the alarm, you can use any of the following commands:
  - To listen in to the room press “1” then “#”,
  - To broadcast your voice press “2” then “#”,
  - To disarm the system press “6” then “#”,
  - To end the call press “3” then “#”,
- When the battery is running low the LED will flash once every 1.5 seconds to indicate the low battery. When a wireless sensor’s battery is low, the LCD will show the battery icon and the sensor zone number.




- When the battery is running low on the accessories, the LED light will go on for 3 seconds and off for 1 second. Change batteries immediately to ensure continuous operation of the security system.

## **ADDITIONAL FEATURES**


### **Siren Feature**

When the siren feature is turned on, the Control Unit will sound an alarm when the security system is activated, and then dial the telephone number(s) contained in the list of telephone number(s). If the security system is not “DISARMED” after activation, the alarm will sound for 30 seconds, remain silent for 30 seconds, sound again for 30 seconds, and then will reset. After the siren resets, the system will remain in the “ARM” mode. When the siren feature is turned off, the security system will silently dial the telephone number(s) contained in the list of telephone number(s) so as not to alert the intruder. The default setting for the siren feature is on. To change the siren setting, follow these steps:

1. Enter the programming mode by typing your password followed by the [PROG] Button.
2. Press the [# / DOWN] Button until the  symbol is flashing. Then select it by pressing the [ARM/DISARM] button. Press the [# / Down] button to change it from on to off or off to on.
3. Press the [ARM/DISARM] button to confirm your choice.

### **Auto Call Feature**

The Auto Call feature is the part of the security system that calls the programmed phone numbers if the sensors are triggered. By default, it is set to “on.” To change the Auto Call feature “on” or “off”:

1. Enter your password followed by the [PROG] button to enter the programming mode.
2. Press the [# / DOWN] button until the  symbol is flashing. Then select it by pressing the [ARM/DISARM] button. Press the [# / Down] button to change it from on to off or off to on.
3. Press the [ARM/DISARM] button to confirm your choice.


### **Call Cycle Feature**

The Security System is preset to call each person on your list for 1 cycles. To change the cycle feature:

1. Enter your password followed by the [PROG] button to enter the programming mode.
2. Press the [# / DOWN] button until “CYCLE” is flashing. Then select it by pressing the [ARM/DISARM] button. Press the [\* / UP] or the [# / Down] button to change it from 1 to 5.
3. Press the [ARM/DISARM] button to confirm your choice.

### **Inbound Calling**

The Security system accepts inbound calls, which enables you to control the unit by remote control. The control unit is set up to answer calls by default after 5 rings. You can change this to 3, 5, 7, or 10 rings. To change the number of rings:

1. Enter your password followed by the [PROG] button to enter the programming mode.
2. Press the [# / DOWN] button until the  symbol is flashing. Then select it by pressing the [ARM / DISARM] button. Press the [\* / UP] or the [# / Down] button to change it to the number of rings you would like the machine to answer on.
3. Press the [ARM / DISARM] button to confirm your choice.

### **Remote Control Operation**

This allows you to control the security system from a remote phone.

1. Call the phone number connected to the unit. The security system will answer after the number of rings setup and it will make a beep tone.
2. Enter your password. You should hear 2 beep tones.

You can use any of the following telephone controls:

- To listen in to the room press "1" then "#",
- To broadcast your voice press "2" then "#",
- To arm the system press "5" then "#",
- To disarm the system press "6" then "#",
- To end the call press "3" then "#".

*Note: after 30 seconds it will beep a warning tone, after 50 seconds it will disconnect.*

*You can then reselect an option.*

### **Entry Delay time**

The control unit has been set for a 20 second delay. You can change this to 0, 5, 10, 15, or 20 seconds.

1. Enter your password followed by the [PROG] button to enter the programming mode.
2. Press the [# / DOWN] button until "Entry" is flashing. Then select it by pressing the [ARM / DISARM] button. Press the [\* / UP] or the [# / Down] button to change it to the number of seconds you want.
3. Press the [ARM / DISARM] button to confirm your choice.

### **Retrieve History of Alarm Being Triggered**

You can get a list of the past five dates and times the unit has been activated by pressing the [# / DOWN] button. Each time you press it, you will get the next number on the list.

### **Retrieve Current List of Telephone Numbers on Call List**

You can get a list of the numbers you programmed to call if the security system is triggered by pressing the [\* / UP] button. Each time you press it, you will get the next number on the list.

### **Turning a zone on or off for "HOME" mode**

The control unit contains 10 zones. Zones 1 through 8 may contain one ID code (sensor) each. Zone 9 may contain 8 individual ID codes (sensors) in total. Zone 10 is reserved for the remote controls only and cannot be disabled through this procedure. Zone 10 may contain a maximum of 8 remote controls.

Should you wish to disable or enable one of the nine available zones, please follow these simple steps.

1. Enter password and press [HOME] button.
2. Press the [\* / UP] or the [# / DOWN] button to find zone to be turned ON or OFF.
3. Press [ARM / DISARM] button to lock onto the selected zone.
4. Use the [\* / UP] or the [# / DOWN] button to select zone ON or zone OFF mode.
5. Press [ARM / DISARM] button to lock zone in the zone ON or zone OFF mode.
6. After 20 seconds zone setting will register with control unit and display will return to Date and Time.

## HOW TO ADD ADDITIONAL ACCESSORIES

The control unit needs to learn the signal of any new wireless accessory. The system has 10 zones which identify the location of the sensors. Zone 1 through 8 can learn one ID code for each. Zone 9 can learn 8 ID codes, and Zone 10 is labeled “remote” and is reserved for remote controls only. Up to 8 remote controls can be programmed into the control unit in Zone 10.

### Instructions for adding a new sensor:

1. Install batteries as instructed on sensor packaging.
2. Enter password into control unit and press [PROG] button. Press [# / DOWN] button twice until “LEARN” begins to flash on top line of display. Press [ARM / DISARM] button to select the control unit LEARN mode.
3. Press the [\* / UP] or the [# / DOWN] button until the sensor ID numbers show at the bottom of the display.
4. Zone ① and ② will indicate FULL for the two sensors that came with the system. “NO ID CODE” will show on the number for the next sensor to be added. Press [ARM / DISARM] button to select and register the new sensor in the next available zone. While controller is in the LEARN process, activate the sensor being added. With the motion detector, make movements in front of the detector, with door/window sensor move the two sensor blocks away from each other then back together a few times. Lights indicating activity will flash during this process.
5. After approximately 20 seconds added sensor will be registered with the control unit and the display will return to Date and Time view.

### Notes:

If you need to delete a sensor, go to the desired sensor number and press the [DEL / PAUSE] key.

## LIMITED WARRANTY

Seller warrants that this product is free from manufacturing defects, so we offer the original purchaser a limited 90 day warranty from original date of purchase on workmanship and materials. Seller will repair or replace, at its sole discretion, your product if found, under normal use and proper care, to be defective. The decision to replace or repair a product is made by the Seller after receipt of the defective product.

## EXCLUSION OF WARRANTIES

LIABILITY OF THE SELLER UNDER THE SALE SHALL BE LIMITED TO THE REPLACEMENT OF ANY DEFECTIVE GOODS. SELLER EXCLUDES, AND BUYER HEREBY WAIVES, ALL WARRANTIES, GUARANTEES, AND OR LIABILITIES NOT SET FORTH EXPRESSLY IN THIS AGREEMENT, WHETHER ARISING BY LAW OR OTHERWISE (INCLUDING WITHOUT LIMITATION ANY OBLIGATION OF SELLER WITH REGARD TO CONSEQUENTIAL AND INCIDENTAL DAMAGES) AND WHETHER OR NOT OCCASIONED BY SELLER'S NEGLIGENCE: SELLER HEREBY EXCLUDES AND BUYER WAIVES, ALL WARRANTIES EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, **ANY IMPLIED WARRANTY OF MERCHANTABILITY** OR FITNESS FOR INTENDED USE OR FOR A PARTICULAR, PURPOSE AND EXCLUDES AND WAIVES RECOVERY OF CONSEQUENTIAL AND INCIDENTAL DAMAGES.



Mace Personal Defense, Inc.  
A wholly-owned subsidiary of  
Mace Security International, Inc.  
160 Benmont Avenue, Suite 1  
Bennington, VT 05201 USA  
[www.mace.com](http://www.mace.com)  
(802) 447-1503

To purchase additional security items, including accessories for your alarm system, please visit [www.mace.com](http://www.mace.com)