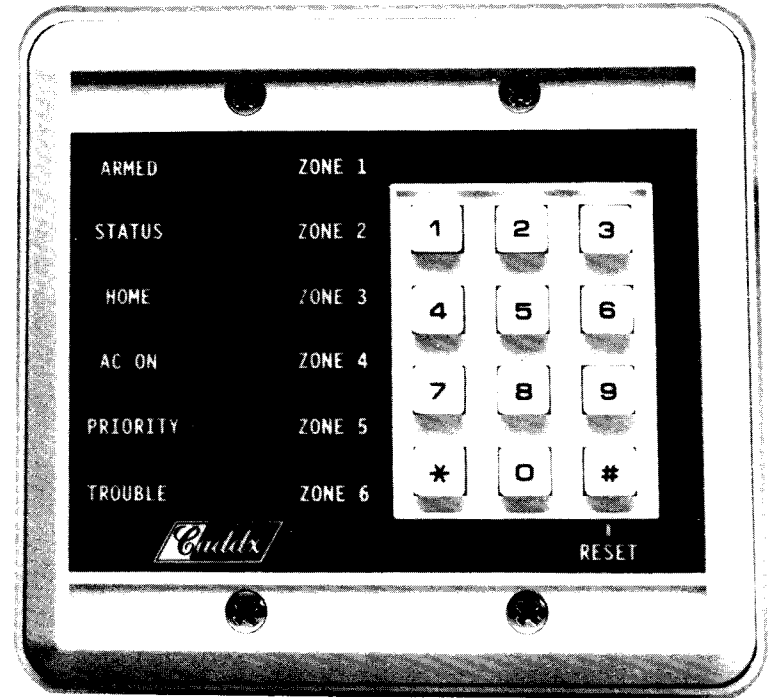


Ranger 8800



Operator's Manual



Caddx-Caddi Controls, Inc.

1420 N. Main Street • Gladewater, Texas 75647 • 214-845-6941 • FAX 214-845-6811

SECURITY SYSTEM NOTES

Installing/Service Company: _____

Service Phone Number: _____

Security Systems Configuration

1. Master Code: _____

Auxiliary Codes

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. Duress/Arm Only Code _____

Exit Delay Time _____

Entry Delay Time _____

Audible Alarm Time _____

Zone Coverage

ZONE 1: _____

ZONE 2: _____

ZONE 3: _____

ZONE 4: _____

ZONE 5: _____

ZONE 6: _____

EMERGENCY PHONE NUMBERS

Fire Dept.: _____

Police Dept.: _____

Monitoring Center: _____

This manual is furnished to help you understand your security system and become proficient in its operation. All users of your security system should read and follow the instructions and precautions in this booklet. Failure to do so could result in the security system not working properly. This booklet should be kept in an accessible location for the life of the security system. If you do not understand any part of the manual you should notify your installing company and ask for that section of the manual to be explained fully.

The SECURITY CONTROL CENTER is turned on (ARMED) and off (DISARMED) by entering a 4 digit code into the Keypad Control, which is similar to a telephone keypad. The Keypad Control includes 12 indicator lights and a built-in electronic sounder. These provide specific information relating to the status of the security system which is described in this booklet. Understanding what the lights and sounds mean will assist you to easily operate your system.

SO REMEMBER, READ THE ENTIRE MANUAL, AND, IF POSSIBLE, PRACTICE ON THE KEYPAD CONTROL WHILE YOUR PROFESSIONAL INSTALLER IS AT YOUR BUILDING. IF YOU HAVE ANY QUESTIONS ASK YOUR INSTALLING COMPANY.

PLEASE KEEP IN MIND THAT THE LEVEL OF SECURITY YOU WILL OBTAIN WITH THIS SYSTEM RELATES SPECIFICALLY TO TWO MAJOR FACTORS:

1. THE QUANTITY AND PLACEMENT OF SECURITY DEVICES ATTACHED TO THIS SYSTEM.
2. THE KNOWLEDGE YOU HAVE OF THE SECURITY SYSTEM AND HOW THAT KNOWLEDGE IS UTILIZED IN A WEEKLY TEST OF THE COMPLETE SYSTEM.

YOU SHOULD BE AWARE OF THE FOLLOWING FACTS AND USE THEM WHEN PREPARING A SAFETY/SECURITY PLAN FOR YOUR HOME/BUSINESS.

- YOUR SECURITY SYSTEM IS AN ELECTRONIC DEVICE AND AS SUCH IS SUBJECT TO MALFUNCTION OR FAILURE. DO NOT RELY ON IT AS YOUR SINGLE SOURCE OF SECURITY.
- YOUR SYSTEM SHOULD BE TESTED WEEKLY.
- YOUR SYSTEM WILL NOT WORK WITHOUT POWER.
- WARNING DEVICES WILL NEED TO BE LOUD ENOUGH, WIRED CORRECTLY, AND PROPERLY PLACED TO PROVIDE NOTIFICATION OF AN ALARM EVENT.
- SMOKE AND HEAT DETECTORS MAY NOT DETECT FIRE AND SMOKE IN ALL SITUATIONS.
- USE QUALIFIED SECURITY PROFESSIONALS TO SELECT, INSTALL, AND MAINTAIN YOUR SECURITY SYSTEM.

PLEASE READ THE FOLLOWING INFORMATION AND INSTRUCTIONS COMPLETELY BEFORE OPERATING YOUR SECURITY CONTROL SYSTEM. IF YOU DO NOT UNDERSTAND ANY PORTION OF THIS MANUAL, OR IF YOU HAVE ANY QUESTIONS ABOUT YOUR SYSTEM, CONTACT THE INSTALLING COMPANY LISTED ON PAGE 2 OF THIS BOOKLET.

HOW TO ARM YOUR SECURITY SYSTEM

To turn the Security System on, close all of the protected doors and windows. The green "STATUS" light on the Keypad Control will be illuminated when all the protected areas and sensors are secure. If any of the zones are bypassed, a sensor in that zone can be violated without affecting the "STATUS" light.

The Security System will not arm if the "STATUS" light is not illuminated. With the "STATUS" light on, you may arm the Security System with your Master Code or one of the Auxiliary Codes.

When a Key is pressed on the Keypad Control, a short tone (beep) will sound. If the Keypad Control sounds (beeps) three (3) times, this indicates that the code has not been accepted. Press the reset [#] key and reenter a valid code.

When the Security System has accepted a valid code, the red "ARMED" light will illuminate, indicating that the system has been turned on. If you choose to leave the protected area, you must exit through the predesignated ENTRY/EXIT doors. If you remain inside the protected area, insure that all interior zones which may be tripped by your movement are bypassed.

AUTOMATIC "HOME/STAY" ARMING

If the "HOME/STAY" option has been selected by your installing company, you may arm your security system and not exit through a normal exit door, remaining inside. When this occurs, all interior zones are automatically bypassed, and all assigned exit delay zones become instant (will cause an instant alarm signal if opened). The red "HOME" light on the Keypad Control will be illuminated at the end of the delay time to indicate that the "Home/Stay" mode has been activated. This allows freedom of movement within the home/business while the security system is armed. If any protected perimeter door or window is opened, the security system will sound and report (if so programmed) immediately. The Security System is disarmed in a normal fashion by entering a valid four digit code.

HOW TO ENTER THE PROTECTED AREA AND DISARM YOUR SECURITY SYSTEM

When you enter the protected area through one of the designated entry/exit doors, the Keypad Control will sound a continuous tone (beep) for the duration of the entry delay time or until you enter a valid code. The red "ARMED" light will then go out and the tone will stop. The security system is now disarmed. (NOTE: IF THE RED "ARMED" LIGHT IS FLASHING AT ENTRY, THE ALARM HAS BEEN ACTIVATED IN YOUR ABSENCE. LEAVE THE BUILDING IMMEDIATELY AND CALL YOUR ALARM COMPANY AND/OR THE POLICE FROM A SAFE LOCATION.)

HOW TO BYPASS SECURITY SYSTEM ZONES 1-6

To bypass any of the zones 1-6, disarm the control and type star [*], NUMBER(S) of zones to be bypassed, and star [*]. If the control is armed, it will beep 3 times after the second star is pressed to remind you to disarm before bypassing. When the Security System is disarmed, all bypassed zones will clear to the normal status.

MANUAL PANIC/HOLD-UP ALARM

When the star [*] and pound [#] keys are pressed at the same time for one (1) second, the local audible alarm will sound. If your system is connected to a monitoring center, an emergency report could be transmitted to that center. These keys should only be pressed in an emergency situation requiring immediate response by law enforcement personnel.

PLEASE NOTE ! Some Panic/Hold-up alarms are programmed to be silent at the protected building while reporting an alarm to the monitoring center. Check with your installing company to determine how your Security System will respond to the Panic/Hold-up input.

PRIORITY ZONE

Your Security System has a "PRIORITY" zone which can be used for fire detection (when connected to a Smoke/Heat detector) in certain jurisdictions. When utilized as a fire system and the audible fire alarm should sound, it is recommended that you follow your emergency evacuation plans. (see page 9 of this booklet for assistance in formulating an evacuation plan)

To silence the audible fire alarm, enter a valid code. To reset the smoke detector press the "RESET" [#] key. After 10 seconds the "PRIORITY" light and the light on the affected Smoke detector should turn off. If you are unable to reset the fire system after the smoke detector chamber has been cleared of smoke, you should immediately call the service phone number listed on page 2 of this booklet.

PRIORITY ZONE TROUBLE

If the red "TROUBLE" light becomes illuminated, it is an indication of a technical problem with the Priority Zone. Enter a valid code to silence the keypad sounder (beeper) and press the RESET [#] key. If the "TROUBLE" light does not go out after 10 seconds, you should call the service phone number listed on page 2 of this booklet.

PROGRAMMING ACCESS CODES

The Security System can be armed and disarmed by the Master Code and up to six (6) Auxiliary Codes. However, it comes programmed with a Master Code only, and in most situations additional codes are not necessary. If additional codes are necessary they can be assigned from the Keypad Control with the Master Code only. When assigned, the Auxiliary Codes can only be used to arm and disarm the Security System. Only the Master Code can assign new Auxiliary Codes or change the Master Code.

1. **PROGRAMMING A NEW MASTER CODE** - The Master Code can be changed to another four (4) digit code by pressing star [*], then one [1], pound [#], the old 4 digit Master Code [- - - -], repeat star [*], one [1], pound [#], the desired new Master Code [- - - -], and again repeat star [*], one [1], pound [#]. (For example, to change code 0000 to 1234 the sequence would be as follows: [*] [1] [#] 0-0-0-0 [*] [1] [#] 1-2-3-4 [*] [1] [#]). You should then check and verify that the new 4 digit Master Code will arm and disarm your security system.
2. **PROGRAMMING AUXILIARY CODES** - Auxiliary codes are assigned with a method similar to the above sequence. First press star [*], then two [2], pound [#], the 4 digit Master Code [- - - -], repeat star [*], two [2], pound [#], then the desired 4 digit Auxiliary Code [- - - -], and again repeat star [*], two [2], pound [#]. This sequence would be repeated except that the number two [2] would be replaced with the numbers three [3], four [4], five [5], six [6], or seven [7], to assign all six available Auxiliary Codes.
3. **REMOVING AUXILIARY CODES** - To remove a previously assigned Auxiliary code repeat the above "PROGRAMMING AUXILIARY CODES" sequence and place the present Master Code in place of the previously assigned Auxiliary Code. That specific Auxiliary Code will now no longer operate the Security System, and the Master Code will continue to function as it had before.
4. **PROGRAMMING DURESS/ARM ONLY CODE** - If your Security System has been designed to include a "Duress" option, the #8 code can be programmed to send a special code to the central monitoring station when you are forced to arm or disarm your Security System against your will. If this option is not selected by your installation company, the #8 code may be used only to arm the Security System. As with Auxiliary Codes 2 through 7, the Duress/Arm Only Code must be reentered if the Master Code is changed.

TURNING ON THE CHILDGUARD/DAY ANNUNCIATION FEATURE

Your Security Control Center will operate in the "CHILDGUARD/DAY ANNUNCIATION" mode to allow the monitoring of selected perimeter doors and windows and designated interior areas while the Security System is not armed.

While in the "Childguard/Day Annunciation mode, the opening of perimeter doors or windows, or a violation of designated interior areas will cause the Keypad Control to sound (beep) for one second.

To use this feature, press the first digit of the Master Code. In five seconds the Keypad Control will sound (beep) indicating that this feature has been enabled. To turn this feature off, press the first number of the Master Code. In five seconds the Keypad Control will sound (beep), indicating that this feature has been turned off. This feature is also removed each time the Security System is "Disarmed".

TESTING YOUR SECURITY SYSTEM

There are several tests which you should perform on a periodic basis (at least once a week) to insure that your Security System is functioning properly.

- Enable the "CHILDGUARD/DAY ANNUNCIATION" feature and open all protected windows and doors. The Keypad Control should sound (beep) for each device and the appropriate yellow zone light should blink.
- Walk into all areas protected by motion detection devices while someone observes the Keypad Control. The appropriate yellow zone light should blink for each sensor tested.
- If your "PRIORITY" zone is used as a Fire detection system, the Smoke or Heat detectors should be tested at least monthly. If your Security System is monitored by a Central Monitoring Station, always call beforehand to let them know that you are about to conduct a test of the fire detection system. Always call after the test to ask for results and to put your fire detection system back into service.

IF ANY OF THE ABOVE TESTS ARE NOT SUCCESSFUL OR THE RESULTS ARE UNCLEAR, CONTACT YOUR SERVICE COMPANY AT THE PHONE NUMBER LISTED ON PAGE 2 OF THIS BOOKLET.

RESETTING YOUR SECURITY CONTROL CENTER

In the event of a system malfunction in the Security Control Center, press the reset key [#] located on the Keypad Control for one (1) second. This should reset the microprocessor and restore normal operation. If the problem persists, call the service number located on page 2 of this booklet for service.

AUDIBLE ALARM SOUNDS

- **PRIORITY:** Steady siren or pulsing bell
- **INTRUSION & PANIC/HOLD-UP:** Yelp siren or steady bell (when programmed with Audible capability)

KEYPAD CONTROL LIGHT INDICATORS

- **ARMED - (red)** On when system is armed; off otherwise. Blinks as alarm memory if the alarm was activated during the previous arming cycle.
- **STATUS - (green)** On when zones 1 through 6 are good or bypassed; off otherwise.
- **HOME - (red)** On when the entry/exit zones are instant and interior follower zones are bypassed; off otherwise. (HOME MODE)
- **AC ON - (red)** On when AC power is on; off otherwise. Blinks when the Master and Auxiliary Codes need reprogramming after a complete power failure.
- **PRIORITY - (red)** On when a smoke or heat detector is activated; is reset by pressing the RESET [#] key; off otherwise.
- **TROUBLE - (red)** On when the Priority zone has a technical problem; is reset by pressing the RESET [#] key; off otherwise.
- **ZONES 1-6 - (yellow)** On when bypassed; blinking when faulted; off otherwise.

KEYPAD CONTROL TONES (BEEPS)

A sounder is built into the keypad and will sound for the following reasons:

- Beeps for all key presses.
- Sounds continuously during entry delay.
- Pulses when a day zone is violated, a Priority Trouble occurs, or when the armed status changes and the Priority and/or Priority Trouble light is on. When pulsing, it can be silenced by entering a valid code. (The armed state of your Security System will not change when a valid code is entered to silence the keypad sounder.)
- 3 Beeps for trying to arm when a faulted zone is not bypassed.
- Beeps 1 second for Childguard/Day Annunciation and when this feature is activated or deactivated.
- 3 Beeps when errors are made reprogramming codes.
- Beeps 1 second at the end of the exit delay.

EMERGENCY EVACUATION PLANS

An emergency evacuation plan should be established for an actual fire alarm condition. For example, the following steps are recommended by the National Fire Protection Association and can be used as a guide in establishing an evacuation plan for your building.

Draw up a floor plan of your home. Show windows, doors, stairs, and rooftops that can be used for escape. Indicate each occupant's escape routes. Always keep these routes free from obstruction.

Determine two means of escape from each room. One will be the normal exit from the building. The other may be a window that opens easily. An escape ladder may have to be located near the window if there is a long drop to the ground below.

Set a meeting place outdoors for a headcount of the building occupants.

Practice escape procedures. In a home, sleep with bedroom door closed; this will increase your escape time. If you suspect fire, test the door for heat. If you think it's safe, brace your shoulder against the door and open it cautiously. Be ready to slam the door if smoke or heat rush in. Practice escaping to the outdoors and meeting in an assigned spot. Call the Fire Department from a neighbor's phone.

NOTE: After the installation of your Security System has been completed, notify your local Fire and Police Departments to give them your name and address for their records.

Early warning fire detection is best achieved by the installation of fire detection equipment in all rooms.

This equipment should be installed in accordance with the National Fire Protection Association's Standard 74. For additional information write the National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210

The following are examples of evacuation plans. A plan unique to your home or business should be drawn and memorized by each occupant.

