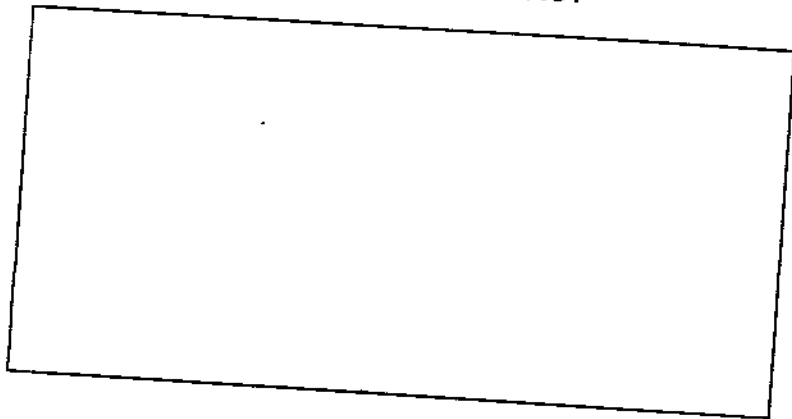


FOR SERVICE CONTACT



**Ranger 9050 LCD**  
**English Language Keypad**

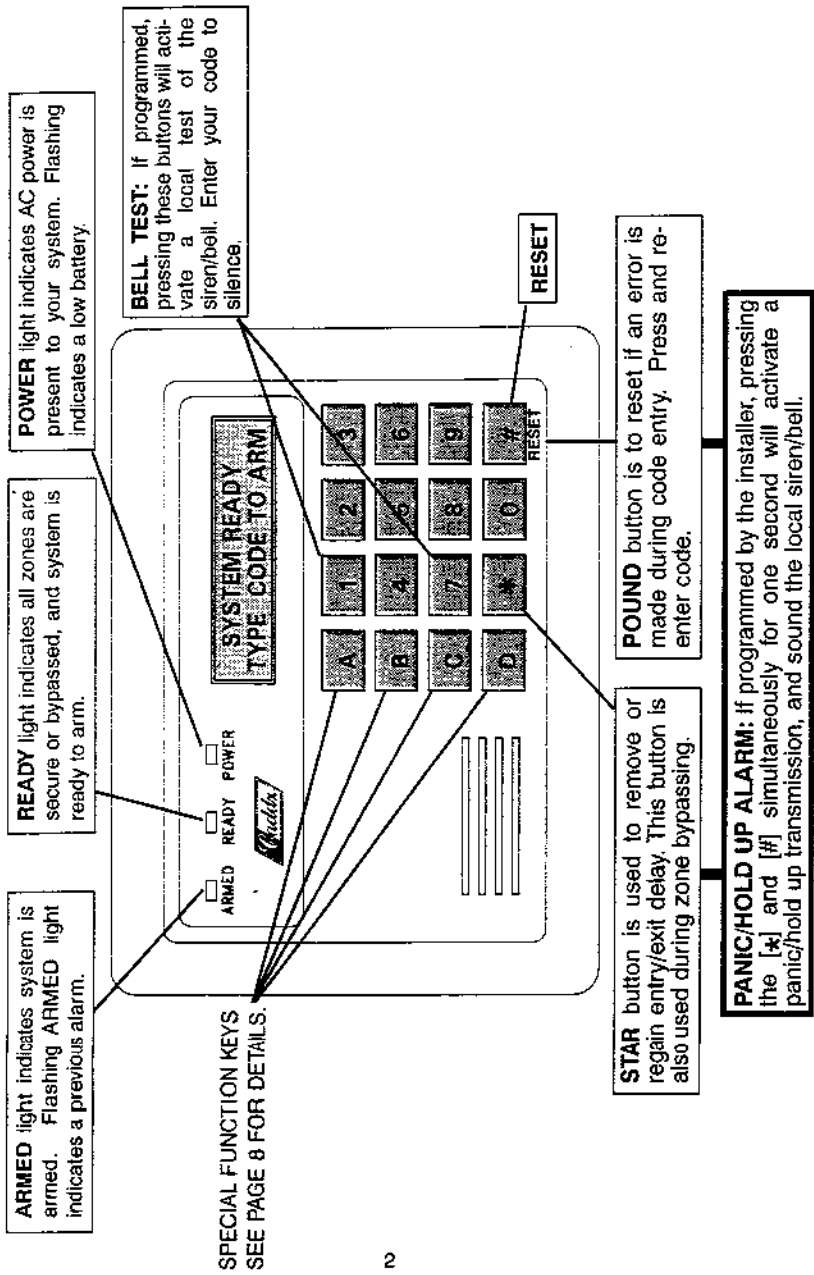
## **INTRODUCTION**

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Congratulations ! You have just purchased one of the most advanced Liquid Crystal Display Keypads in the world. Your RANGER 9050 Custom English Language Keypad was designed and manufactured in the USA by CADDX-CADDI CONTROLS INC., a name respected throughout the world for quality security equipment. When you see the name CADDX, you can be assured that this keypad has past the most demanding quality and performance standards in the industry.

This manual is furnished to help you understand your English Language Keypad and become proficient in its operation. But first, you should read the Security System Operator's Manual which pertains to the general operation your security system. You must understand how your security system is intended to work before you can understand the operation of this keypad. The most important thing you should do before attempting to operate your security system is to read both manuals completely. Make sure you understand the operation of your security system and its keypads before attempting to use your system. This booklet should be kept in an accessible location for the life of your security system.

If you have any questions about the operation of this keypad, or any other question in regard to your security system, you should call the company that installed your security system.



## ARMING & DISARMING YOUR SYSTEM

To Arm the security system, close all of the protected doors and windows. The green "READY" light on the keypad control will be illuminated when all of the protected zones and sensors are secure and the LCD screen will display the following message:



When the message above is displayed, your security system is ready to be "ARMED" by entering your personal 4-digit code. If your code is 1-2-3-4,



Now your LCD screen should display the following message:



If the green "READY" light is not illuminated, the LCD screen will display:



When the message above is displayed, press the [A] button on the keypad and the LCD screen will display a message similar to the one below indicating which zones are not ready to Arm. If more than one zone is faulted, the LCD screen will automatically scroll through all of the faulted zones showing those that are not ready to arm. To quickly scroll through the faulted zones, press the [A] button repeatedly.



## **BYPASSING ZONES**

If you choose to bypass zones and arm your system without these zones of protection, you can do so before Arming your system. To bypass a zone or group of zones, simply press the [\*] button, the zone number (1 thru 8, do not use leading zeros), and press the [\*] button again (You can also follow the bypass procedure described in your standard Operators Manual). Now the green "READY" light should be illuminated, and the LCD screen will alternate between the following two messages:

**SYSTEM READY  
TYPE CODE TO ARM**

TO

**05 ZONES BYPASS  
TYPE A FOR HELP**

The top line of the message above, "05 ZONES BYPASS", refers to the number (quantity) of zones bypassed, NOT the zone numbers that are bypassed. Type [A] for the location/description of these five bypassed zones.

When you Arm your system with the previous messages showing, the system is "READY TO ARM" with "ZONES BYPASSED", the LCD screen will then alternate between the following two screens:

**SYSTEM ARMED**

TO

**05 ZONES BYPASS  
TYPE A FOR HELP**

Once zones are bypassed, any sensors in those zones can be violated without affecting the status of your security system.

## **REMOVING THE ENTRY DELAY**

When your LCD keypad displays the "SYSTEM ARMED" message, you can eliminate the Entry Delay Time from your designated Entry door(s) by pressing the [\*] key. The keypad LCD screen will then display the following message:

**SYSTEM ARMED  
INSTANT**

If the message above is displayed, you will retain your EXIT delay time immediately after arming, but all doors that have been assigned an ENTRY delay time **WILL NOT** have a delay, but will be instant like the other INSTANT type zones in your system. The "INSTANT" feature can be turned off by pressing the [\*] key again, which will remove the "INSTANT" message on the LCD screen meaning an Entry Delay is now present, and the opening of a designated Entry/Exit door will start an Entry Delay Tone from the keypad sounder. During this Entry Delay time, you must enter your personal 4-digit code which will disarm your system and silence the keypad sounder.

## **FIRE RESET/ FIRE TROUBLE**

When the message below appears on the screen of your LCD keypad, it is an indication that a "FIRE" zone has been faulted.

**FIRE  
PRESS # TO RESET**

From the screen above, the first thing you should do is press the [A] button to see which zone created this condition. Then, you can press the [#] button to reset the "FIRE" zone that has been faulted. NOTE: Your system must be disarmed for reset to occur. Reset takes approximately 15 seconds.

When the message below appears on the screen of your LCD keypad, it is an indication that a "TROUBLE" condition exist with your "FIRE" zone(s).

**FIRE TROUBLE  
PRESS # TO RESET**

From the message above, press the [A] key to see which zone created this condition. Then, press the [#] key to reset. If the "FIRE TROUBLE" message does not reset within 15 seconds after pressing the [#] button, call your security installation company immediately and report this condition.

## **ALARM MEMORY**

When the message below appears on the screen of your LCD keypad, it is an indication that an alarm has previously occurred. Press the [A] button to review the zone(s) that created the previous alarm. Press [#] to exit.

**PREVIOUS ALARM  
TYPE A FOR HELP**



When the message below appears on the screen of your LCD keypad, it is an indication that the A.C. power source that your security system depends on has been turned off. Under this condition the POWER LED will extinguish.

**AC POWER FAILURE**

## **CHANGING USER CODES**




Your security system could have up to 15 individual user codes (see your Operator's Manual for the number of codes in your system). These codes are individually numbered from 01 to 15 (maximum number depends on your system). To change user codes of your security system from the LCD keypad, make sure the system is disarmed, and follow the procedure described below.

To change a user code, press the [C] button, followed by the user number you wish to change (User 01 thru 15, use leading zeros). Then enter the Master Code to show you are authorized, and follow by the new code that you wish to program. For the following example, let's assume the Master Code is 1-2-3-4 and we want to enter a new code for user #05 as 5-5-5-5.

Press:   the screen will now display the following message.

**CHANGE CODE  
ENTER USER #**

The display now asks for the User # (01 through 15) that you wish to change.

Press:    for user #05 and the screen will display:

**ENTER 4-DIGIT  
CODE**

The display now asks for the Master Code, for authorization to change codes.

Press:      and the screen will display:

**ENTER NEW USER  
05 CODE**

The display is now asking for what the new code for user #5 is to be.

Press:     

The display will now show that it has accepted the new code for user #5.

**PROGRAMMING USER  
05 CODE 5555**

This process is now complete, and the code of 5-5-5-5 is a valid arm/disarm code identified by the system as User #05.

## **SPECIAL FUNCTIONS KEYS**

The following section describes some special functions that can be performed with the 9050 LCD keypad. With the more powerful and versatile 9050 keypad, some of these functions are accessed with the four special function keys on the left side of the number keys. These keys, labeled [A], [B], [C], and [D], are described below:



The [A] key serves as a "Help" key. It only functions when the LCD display shows the message, "TYPE A FOR HELP". Multiple messages will be displayed in sequence every 3 seconds, or will scroll with no delay each time the [A] key is pressed.



The [B] key adjusts the brightness of the LCD backlighting to levels 1-6, with 6 as the brightest. The factory setting is 6. To turn off only the LCD backlighting, press [B][8]. To turn off only the "ARMED", "STATUS", and "POWER" lights, press [B][9]. To turn off all lights, press [B][0]. All lights will return to the "ON" mode when the [#] key is pressed, or when an alarm condition, a fire or trouble condition, or a pre-alarm occurs.



The [C] key is used to quickly program auxiliary codes in the run mode. The display asks for User number, Master Code, and new Auxiliary Code before automatically programming this information into the Ranger Control. NOTE! This function can only be used when the Ranger Control is disarmed.



The [D] key adjusts the LCD screen viewing angle for various heights by pressing [D] and a number [1] through [3]. The lowest viewing angle is 3 and the highest is 1. The factory setting is 3. The [D] key also causes the LCD screen to display Alarm Memory when [D][0] is pressed. Faulted and/or bypassed zones from the last alarm will be displayed. Exit this mode at any time by pressing the [#] button.

**NOTE!** After pressing keys [B], [C], or [D], the display will revert back to the standard message if no additional keypresses are made within 10 seconds. To escape any of the special function modes and return to the standard message screen, press the [#] key.