



**21 Control/Communicator**

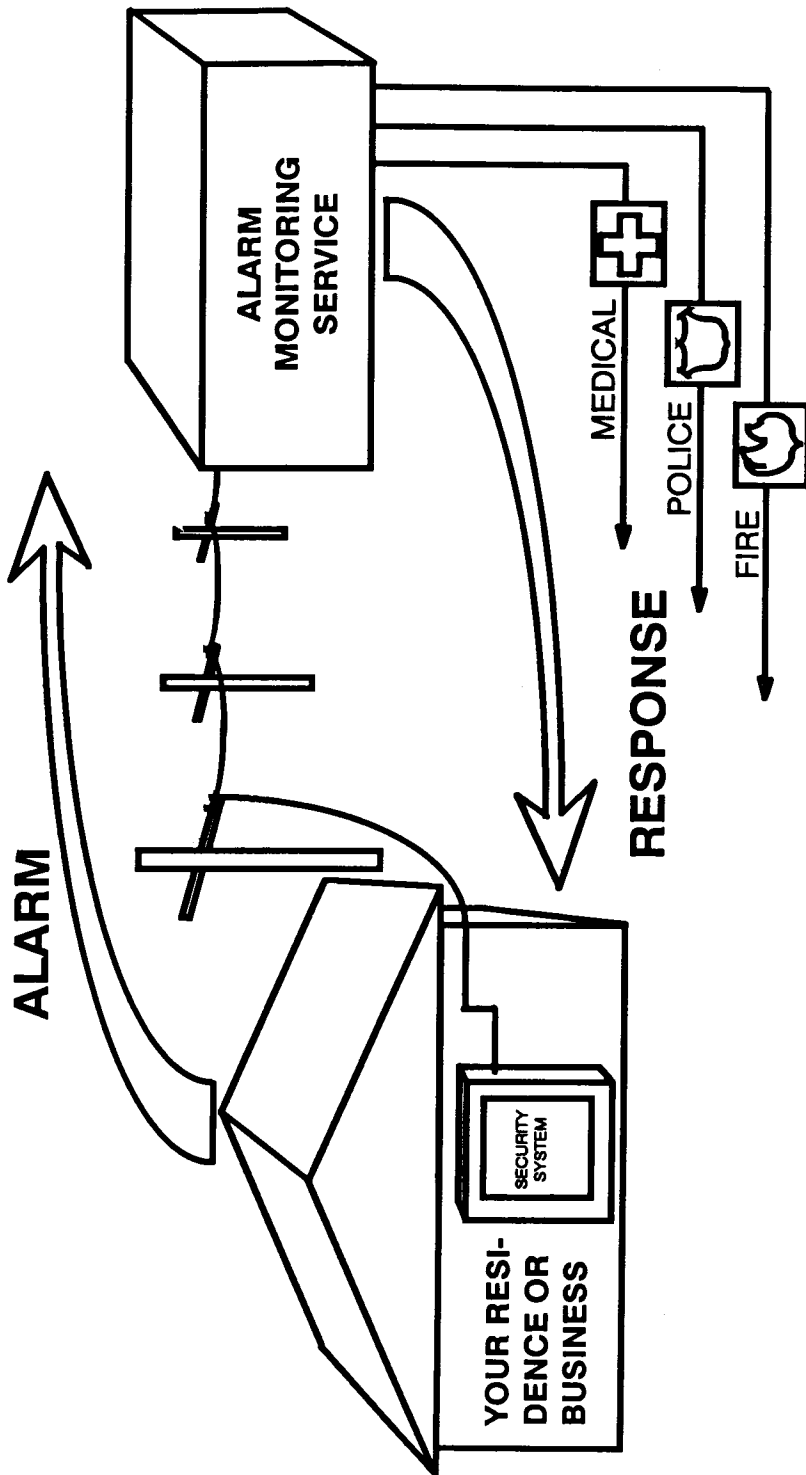
**Using Your  
Alarm System**



**C&K**<sup>®</sup>  
**SYSTEMS, INC.**

Printed in Hong Kong

5-051-094-00 Rev. C



## CONGRATULATIONS

Thank you for purchasing the C&K Alarm System. This system has been designed to provide you with many years of reliable operation. It is one of the most advanced and easy-to-use controls available today.

## OPERATION

This booklet will explain the various features that are incorporated in your system.  
 2.1. Our installer has filled in the blanks and checked the boxes showing the features of your installation.

The next two pages are the ones you will use most often - until operation of the system becomes automatic to you.

---

## HELP

If you need help operating or understanding your system, please call us at

\_\_\_\_\_

If you want to test your system, call our Central Station at

\_\_\_\_\_

## CONTENTS

Arming the System	Page 2
Disarming the System	Page 2
Resetting the Alarm	Page 3
Instant Arming the System	Page 4
Options	Pages 5-7
Reading the Lights	Page 8
Testing Your System	Page 9
Phone Trouble	Page 9
Smoke Detector Placement	Page 10
Emergency Evacuation	Page 11
Terms we use	Page 12
Warranty	Page 13

# Quick! How do you work it?

## TURNING ON THE ALARM SYSTEM ("ARMING")

1. **Be sure the GREEN Ready LIGHT is ON.**
  - \* If it is not on, the RED Zone LIGHTS will indicate which zones are violated (door open, someone moving in the presence of a motion detector, etc.)
  - \* The Zone Lights go off automatically after 5 minutes as a security measure. To turn them on again, press any key.
  - \* All zones must be normal (or bypassed) before you can arm the system
2. **ENTER your 4-digit COMBINATION.**
  - \* Do not pause more than a second or two between digits or the Control will reject the combination.
  - \* If you make a mistake, wait three seconds and start over.
3. **CHECK that the RED Armed LIGHT has come ON.**
  - \* The keypad will beep twice as an additional indication that the system is armed.
4. **EXIT through any TIME DELAY DOOR within \_\_\_\_\_ seconds.**
  - \* Doors in the zones checked below are Time Delay Doors.
  - \* If you have the Automatic Home option, you may remain in the building after arming. (See page 6.)

## TURNING OFF THE ALARM SYSTEM ("DISARMING")

1. **ENTER ONLY THROUGH A TIME DELAY DOOR.**
  - \* The Keypad will \_\_\_\_\_ will not \_\_\_\_\_ beep every second to remind you to disarm the system.
2. **WITHIN \_\_\_\_\_ SECONDS, ENTER your 4-digit COMBINATION.**
3. **CHECK that the RED Armed LIGHT goes OFF.**
  - \* If the Red Armed Light does not go off, wait three seconds and re-enter your combination.

<input type="checkbox"/> AC POWER	<input type="checkbox"/> ZONE 1
<input type="checkbox"/> READY	<input type="checkbox"/> ZONE 2
<input type="checkbox"/> ARMED	<input type="checkbox"/> ZONE 3
<input type="checkbox"/> TROUBLE	<input type="checkbox"/> ZONE 4
<input type="checkbox"/> REPORT	<input type="checkbox"/> ZONE 5
<input type="checkbox"/> SERVICE	<input type="checkbox"/> ZONE 6
	<input type="checkbox"/> ZONE 7
	<input type="checkbox"/> ZONE 8
	<input type="checkbox"/> ZONE 9

KEYPAD LIGHTS

AREAS PROTECTED

---

---

---

---

---

---

---

---

---

---

## RESETTING THE ALARM SYSTEM

*after an alarm.*

1. **ENTER your 4-digit COMBINATION.**
  - \* This will silence the siren (bell) and disarm the system.
  - \* The Red Zone light(s) and the Green Ready light will continue to flash to help you remember where the violation(s) occurred.
  - \* Write down the numbers of the violated zones to help us service you.
  - \* Press the 4 and 8 keys at the same time to clear these lights.

**there's more**

# more on how you work It

## REARMING THE SYSTEM after an Alarm.

### 1. The GREEN Ready LIGHT must be ON

\* If the Green *Ready* light is not on and a Red *Zone* light is on, it means that the violated zone has not been restored.

\* If you cannot restore the violated zone, you may be able to bypass the zone in order to arm the rest of the system. See Automatic Bypass and Manual Bypass on page 5.

## INSTANT ARMING THE SYSTEM

If you are going to be home, you may wish to convert your "time delayed" zones to "instant" zones. This will prevent intruders from entering undetected during the normal "entry delay" period.

CAUTION. When you have armed it this way, you will not be able to enter or exit through any exterior door or walk through any protected areas without setting off the alarm. Also, if anyone with a key comes in while the entry delay is disabled, the alarm will be set off.

1. When arming the system, hold down the **last digit** of your combination for 3 seconds. This will cause the delayed zones to become instant zones.

\* The Red *Armed* light will flash to warn you that there are no delays.

2. When you leave, you must disarm, then arm the system again in order to turn on the "entry delay" for when you return.

# Options

Many of the features of the 2.1 are optional. They are enabled only if appropriate for your installation. Regulations and system requirements may not allow some options. Your installer has checked those which are enabled in your system.

**Zone Chime.** The keypad beeps each time a designated zone is tripped. This can be used as a door annunciator. (You can turn off this feature by pressing "####". You can turn it back on the same way. The keypad will beep on the fourth "#".)

**Automatic Bypass.** Any zone checked below which is violated at the time of arming will be automatically disabled. The Red *Zone* and Green *Ready* lights will continue to flash to remind you that although the system is armed, no protection is being afforded in the disabled zone(s).

ZONE

1

**Manual Bypass.** Any zone checked at the left which is violated at the time of arming can be disabled using the following procedure:

2

1. Enter "#", your combination\*, then the zone number. The Red *Zone* and Green *Ready* lights will continue to flash to remind you that although the system is armed, no protection is being afforded in the disabled zone.

3

4

2. Repeat this process for each zone that you wish to bypass.

5

3. When bypassing is complete, arm the system by entering your combination.

6

7

4. You may **remove a bypass** by entering "#", your combination\*, then the zone number. All bypasses are automatically removed when the system is disarmed.

8

9

\*User combinations, when they are created, may or may not be given the ability to do Manual Bypass. The combination you use must have that ability in order to use the above procedure.

# more Options

**Automatic Home.** The system will automatically determine whether you are at home or away.

If you arm the system, but do not exit the premises through a time-delay door during the "exit" period, the control will **automatically bypass all interior zones**. This allows you free movement within the premises. Authorized persons entering through a time-delay door will have \_\_\_\_\_ seconds to disarm the system. Rearming and leaving through a delay door will restore interior protection.

You can automatically bypass all interior zones and change entry/exit delays to "instant". When you arm your system, hold the last digit of your combination down for 3 seconds. Do not exit the premises. To allow authorized people to enter or leave the premises, you must first disarm the system. Rearming and exiting through a "delay" door will restore the delays and interior protection.

**Duress Code.** A special 4-digit code can be used to arm or disarm your system when an intruder forces you to turn the system on or off while he is watching. Using this code will cause normal arming and disarming indications, but will also send a special signal to our monitoring station. The Duress Code is listed on the card with the other user combinations.

**Panic Button.** Pressing the "\*" and "#" keys at the same time will cause an audible \_\_\_\_\_ silent \_\_\_\_\_ alarm. The Green Ready light and the Red Zone 9 light will \_\_\_\_\_ will not \_\_\_\_\_ flash when these two keys are pressed. A report will \_\_\_\_\_ will not \_\_\_\_\_ be sent to the central station. This feature is active whether armed or disarmed.

**Audibles.** The audible device(s) connected to your system will sound for \_\_\_\_\_ minutes when the system is tripped unless you silence it by entering your combination. The devices will make the following sounds:

Fire _____	tone
Panic _____	tone
Burglary _____	tone
Other _____	tone

**Smoke Detectors** will cause the "Fire" sound to occur. A Red Zone light will indicate which one has tripped.

**To reset:** 1. Enter your regular combination to silence the audible device(s).

2. Enter the code  to reset the detector.

OR

2. Push the Fire RESET button to reset the sensors.

3. Press "4" and "8" at the same time to clear the keyboard lights.

**24-Hour Monitoring.** Your system will transmit alarm signals to our Central Station. Transmission will occur Immediately \_\_\_\_\_ or after a \_\_\_\_\_ second delay. If your system is set for a delay, you may prevent any transmission from being sent by disarming the system before the delay expires.

**Standby Battery.** During power failures your system will switch to its standby battery. The Green AC light will go out whenever the system is running on the battery.

If the outage lasts more than 15 minutes, the Yellow Service light will come on and the Green Ready light will flash to let you know about the extended power failure in case you need to check such devices as freezers for damage. To turn these lights off, press the "4" and "8" keys at the same time.

The battery should be replaced every 3 to 5 years. Replace with C&K Model 1265, a 12 volt, 6.5 ampere-hour battery.

**Daily Battery Check.** Your system will automatically test its battery once each day. During this test the Green AC light will be off. At the end of the 5-minute test, all lights will return to normal. If the test fails, the Yellow Service light will be on, indicating that service is required.

**Siren/Bell Test.** Pressing "2" and "9" at the same time will test the sirens or bells. Release the keys to stop the test. No signal will be sent to our Central Station during the test.

# reading the Lights

## ZONE 1 - 9

**OFF** - Normal state. Zone not violated.  
**ON** - Zone violated while system is disarmed.  
**FLASHING SLOW** - Alarm Condition or Alarm Memory. Disarm to stop audible alarm. Press 4 and 8 to clear Alarm Memory.  
**FLASHING FAST** - Zone is temporarily bypassed. To remove bypass, repeat bypass procedure or disarm system.

## AC POWER

**ON** - AC power supplied, battery charger working.  
**OFF** - Power interruption or daily battery test going on.

## READY

**ON** - System normal and ready to be armed.  
**OFF** - Zone in violation.  
**FLASHING** - Ready to be armed, but a warning condition exists, such as AC power loss, service required or zone(s) bypassed. Press any key to reactivate the Zone Lights.

## ARMED

**ON** - System armed  
**OFF** - System not armed.  
**FLASHING** - System armed with Delay Zones converted to Instant Zones.

## TROUBLE

**OFF** - No trouble detected.  
**ON** - Trouble (bad connection, short, etc.) in the wiring from detection devices. Call us for service.  
**FLASHING FAST** - A supervised circuit is bypassed.  
**FLASHING SLOW** - An alarm from a supervised zone has been acknowledged, but the condition still exists.

## REPORT

**OFF** - Normal State  
**ON** - The control unit is communicating with the central station.  
**FLASHING** - The control unit has failed to communicate with the central station after repeated attempts. Press 4 and 8 to clear. Call us for service.

## SERVICE

**OFF** - Normal state.  
**ON** - Service is required. Low battery, battery test failure, blown fuses, AC power loss longer than 15 minutes. (Call us for service. Press 4 and 8 to clear if trouble condition is corrected.)  
**FLASHING** - On start-up, self-test failure. Press 4 and 8. If the light does not clear, call us for service.

## Test your system every week

Test your siren or bell. Press "2" and "9" at the same time. The siren or bell should sound as long as you hold the two keys down. No signal will be sent to the Central Station during this test.

Call our central station at \_\_\_\_\_  
It is best to schedule system tests for a weekend. When calling, you must properly identify yourself. Then trip the alarm system by any method you choose (pressing the panic button, \* and #, is simplest). The yellow *report* light will come on briefly when your alarm system is talking to our monitoring station computer. Wait one minute after the light goes off, then call the central station to confirm a successful test and let them know you are through testing.

## If you have telephone trouble:

First, unplug the alarm system from its telephone jack to determine if the trouble is being caused by the alarm system. The jack is located \_\_\_\_\_  
If the trouble goes away when you unplug the alarm, call us for service. If not, call the telephone company.

*Always test your system after the telephone repair person has finished to be sure they have not disconnected your alarm system from the telephone network.*

## TELEPHONE LINE PROBLEMS

In the event of telephone operational problems, disconnect the control/communicator by removing the plug from the RJ31X/RJ38X jack. We recommend that your certified installer demonstrates disconnecting the phones on installation of the system. Do not disconnect the phone connection inside the control/communicator. Doing so will result in the loss of your phone lines. If your regular phone works correctly after the control/communicator has been disconnected from the phone lines, the control/communicator has a problem and should be returned for repair.

If, upon disconnection of the control/communicator, there is still a problem on your line, notify the telephone company that they have a problem and request prompt repair service. The user may not under any circumstances (in or out of warranty) attempt any service or repairs on the system. It must be returned to the factory or an authorized service agency for all repairs.

## TO THE INSTALLER

Regular maintenance and inspection (at least annually) by the installer and frequent testing by the user are vital to continuous satisfactory operation of any alarm system. The installer should assume the responsibility for developing and offering a regular maintenance program to the user as well as acquainting the user with the proper operation and limitations of the alarm system and its component parts. Recommendations must be included for a specific program of frequent testing (at least weekly) to insure the systems's proper operation at all times.