EKP1L

LCD KEYPAD

Owner's Manual

use with

AV9000 series Control panels

IT IS IMPORTANT FOR YOUR SAFETY TO TEST YOUR SYSTEM AND IT'S COMPONENTS REGULARLY.
OPERATING INSTRUCTIONS

Paragraphs that are indicated by a ☐ refer to options that may or may not apply to your system. Those ☑ which your installer has marked with an “x” should be read as they contain information which pertains to your system.

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SYSTEM CONFIGURATION

This page should be marked by your installer at the time of installation to define the Panel that was installed, and the options that were programmed.

OPTIONS PROGRAMMED:

☐ SMOKE DETECTOR RESET FROM KEYPAD
☐ DURESS FROM KEYPAD
☐ SILENT ALARM FROM KEYPAD
☐ AUDIBLE ALARM FROM KEYPAD
☐ FIRE ALARM FROM KEYPAD
☐ PARTITIONED MODE
☐ ABBREVIATED ARMING
☐ OPENING AND CLOSING BY USER
☐ GROUP BYPASS ZONES ________
☐ CHIME ZONES ____________________

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GENERAL DESCRIPTION

The EKP1L is a digital arming station that provides full system control and displays full system status from one or more convenient locations. A brief description of the functions of each light and the LCD display is shown in Figure 1. Additionally, built into each EKP1L is a miniature sounding device which, when active, indicates various conditions such as a Pre-Alarm Warning, Fault Condition, Test Modes of operation, or Door Annunciation.

Your keypad has the added convenience of additional access codes. These secondary codes are designed to provide access to a maid or other service persons for whom you want to grant entry. Obviously, they can also be used in any other way that you desire.

Arming, disarming, bypassing zones, etc., can be accomplished using any of the codes. In order to change codes from the keypad, use of the primary access code is required. Access codes can be changed from the keypad and must have 4 digits.

IT IS IMPORTANT FOR YOUR SAFETY THAT YOU TEST YOUR SYSTEM REGULARLY.

Figure 1
A — Green “READY Light” — when on indicates that all protected areas are secure and system is ready to be armed. A blinking ready light indicates a Fault Condition.

B — Red “General ARMED Light” — when on indicates system is armed or on. A blinking armed light indicates that an alarm has occurred.

C—The “LCD DISPLAY” indicates system status in english, with zone arming, zone bypassing, alarms and trouble conditions all being displayed. System information such as AC FAIL, LOW BATTERY, and FAIL TO COMMUNICATE along with ZONE DESCRIPTIONS will be displayed when needed to clearly show the current condition of the system.

NOTE: This manual will use the default descriptions when referring to the LCD display, and assume Auto Scrolling is enabled. These descriptions may be changed by your installer.

**DISARMING AND SILENCING THE SYSTEM** (when ARMED light is on)

To Disarm your system (assume Access Code 1234), enter your Access Code, key sequence as follows:

Figure 2

```
1 * 2 3 * 4 * + # ↑
```

If you disarm your system, the armed light (RED) is off and the LCD display will show READY if all zones are secure, or NOT READY if one or more zones are not secure. If you silence the system after being in ALARM the LCD display will show the zone description of the zone that was in alarm. This is called ALARM MEMORY. It will be cleared the next time the system is ARMED. The 24 Hour zones will remain on all the time and they can be displayed by using Fault Analysis Mode.

**RECOMMENDATION:** If, when arriving home, the burglar alarm is sounding, contact police from a nearby location. DO NOT ENTER YOUR RESIDENCE.
ARMING SYSTEM WITH READY LIGHT ON OR OFF

If the READY light is on, all zones may be armed by entering your Access Code, using the key sequence in Figure 3. If the READY light is not on you must either go and close the door or window that is open or BYPASS the zone and eliminate it from the system for this ARMING. When the READY light is not on the display will show NOT READY and scroll through the zone descriptions of the zones that are NOT READY.

Figure 3

1 * 2 3 * 4 * + # 

ACCESS CODE
Your system is now armed. The armed light is on and the display shows ARMED

ZONE BYPASS with READY LIGHT ON OR OFF

If the ready light is off the display will show NOT READY and the description of the zone that is open will be scrolling through the display. Let us assume that the zone 3 “FRONT BEDROOM” window is open. The zone 3 description “FRONT BEDROOM” will be in the display. Entering the Access Code will not arm the system because the zone 3 window is open. Suppose that the window is intentionally left open to allow some air circulation and the rest of the zones are to be armed. To bypass a zone, enter your access code, then enter the number of the zone to be bypassed (in this case “3”), enter key sequence as follows:

Figure 4

1 * 2 3 * 4 * + 3 * + # 

ACCESS CODE

All the other burglary zones except zone 3 will ARM and the display will show ARMED. Zone 3 is now deactivated. If the window is closed and opened again, an alarm condition will not result, as this zone will be bypassed until the system is disarmed and rearmed. When the system is disarmed the bypass is removed.

Additional zones may be bypassed in the same manner.
GROUP BYPASS

Instead of bypassing zones individually, your installer may have assigned several zones together to be bypassed all at one time. An example would be turning off all the interior zones of the premises allowing movement, while still protecting the perimeter.

Example: Interior zones 2, 3 and 4 have been assigned as GROUP BYPASS zones. To bypass zones 2, 3 and 4 enter the following key sequence:

![Figure 5](image)

Zones 2, 3, and 4 will BYPASS but the other zones will ARM. This is a very easy way of arming a part of the system all at one time. The display will show ARMED.

INSTANT/DELAY MODE

The system will normally arm in the Delay Mode when leaving the premise. This will delay arming, allowing time to exit. When entering, the alarm will be delayed allowing time to disarm the system. The audible warning device will sound during the entrance delay reminding you to disarm the system. The Instant Mode is primarily used in residences. It is used during sleeping hours when an entrance delay is not wanted.

If the Instant Mode is desired, enter the key sequence as follows:

![Figure 8](image)

The LCD display will show ARMED INSTANT.

PANEL TEST MODE

Your alarm system and its associated components (intrusion detectors, smoke detectors, etc.) should be tested periodically. You can test these devices yourself using the panel test mode. While in test mode the keypad beeps continuously to tell you it is in test.
mode but it will not send any alarm signals to the Monitoring Center. As you go through
the system tripping the zones you will get a short ring of the bell to let you know when
a zone is violated. Entry and exit delays are shortened to 4 secs during the test. After you
have tripped all the zones and returned to the keypad you will find all of the zones that
responded in ALARM MEMORY. In this way you can quickly test your system using only
one person and then verify that all zones worked when you return to the keypad. If the
Panel Test Mode is desired enter key sequence as follows:

Figure 9

1 2 3 4 * + * + 4 #

ACCESS CODE

The LCD display will be scrolling through the zones that were tripped. To exit test mode
enter your access code.

It is important for your safety that you test your system regularly.

TESTING COMMUNICATOR

Check with your installer as to how to test, and how often to test the communicator
portion of your system. Various central monitoring stations have different procedures for
testing the communicator. Your installer is familiar with this procedure.

SMOKE DETECTOR RESET

If you have a smoke detector for use with your system, your panel can be programmed
to manually reset this device following an alarm condition by simultaneously pressing
the 1 KEY + 3 KEY on the EKP1L keypad.

PRESS SIMULTANEOUSLY

ABBREVIATED ARMING

This allows the system to be armed by using only the first one, two, or three digits of the
access code. Once your installer has selected the number of digits for abbreviated
arming, access code(s) may be changed without effecting abbreviated arming number
of digits.

Use full access code for arming if zone bypassing is desired.
OPENING AND CLOSING BY USER

The Opening and Closing by user code identifies the user who disarms (opening) and arms (closing) the system. This is accomplished by assigning an individual access code to each user, (up to 8 users on the AV9000 and SC700). The primary access code is always reported as user one. Seven additional secondary access codes may be selected for the AV9000 and SC700.

Select secondary codes as shown in “Entering or Changing Secondary Access Code” Section.

CHIME MODE

Your installer may have designated certain burglary zones to briefly activate the mini-sounder contained in each keypad. These zones typically annunciate that a door has been opened or closed while the panel was disarmed. To select for chime operation, enter the following key sequence:

Figure 10

ACCESS CODE

If chime operation is not desired, simply re-enter the key sequence.

FAULT CONDITION

A Fault Condition could, if unheeded, potentially render your system inactive. If such a fault should occur it will be indicated by a flashing green “READY” light, a TROUBLE message on the LCD display, and an audible warning tone at the keypad.

To identify the nature of the Fault Condition, enter the following sequence. This will also silence the audible warning:

Figure 13

ACCESS CODE

Fault conditions will be displayed on the LCD display.

The LCD display will now indicate the nature of the problem and it will scroll through the problems if there is more than one. Discuss with your installer what action to take if a problem should occur. If a trouble condition occurs on a fire zone,(or Day/Night Trouble
Zone), call your installer for service as an important part of your system is out of order. Other messages that you may see are listed below.

AC OFF: Indicates A.C. power to your alarm system has been disrupted.
LOW BATTERY: Indicates a low battery condition
FAIL COMMUNICATE: Indicates failure to communicate to the central monitoring station.

IT IS IMPORTANT FOR YOUR SAFETY THAT YOU HAVE YOUR INSTALLER CORRECT ANY FAULTS AS SOON AS POSSIBLE.

DURESS (AMBUSH)

Duress is used during a hold-up when you’re ordered to disarm your system. When used, a silent alarm is transmitted to the central monitoring station. Press the [9] key (or the [0] key depending on how your system is programmed) after your Access Code, then press the ENTER#. The system will disarm and a silent alarm will be transmitted.

NOTE: This function will only operate during a disarm command.

Normal Disarm  Figure 14
1  2  3  4  +  #  ^

Duress Disarm  Figure 15
1  2  3  4  +  9  +  #  ^

EMERGENCY ALARM KEY PAIRS

There are four special emergency codes that can be initiated at the keypad. THESE EMERGENCY ALARM KEY PAIRS MUST BE PRESSED SIMULTANEOUSLY, (a feature designed to minimize false alarms). For example: Pressing the ENTER# first and then pressing the STAR* key while the ENTER# is still held down will NOT send an emergency signal. The special key pair combinations are marked with a circle, square, diamond, or triangle.
EMERGENCY ALARM KEY PAIRS

Consult your installer/dealer as to which one(s) of these are used, if any, and which combination initiates which alarm. The special symbols above and between the specific rows are to help you identify which keys to press in case of an emergency situation.

<table>
<thead>
<tr>
<th>Keypad Symbol</th>
<th>Assigned Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>● Circle</td>
<td>Fire Reset</td>
</tr>
<tr>
<td>■ Square</td>
<td>Not Used</td>
</tr>
<tr>
<td>◆ Diamond</td>
<td>Not Used</td>
</tr>
<tr>
<td>▲ Triangle</td>
<td>Not Used</td>
</tr>
</tbody>
</table>

PARTITIONED MODE

Your installer/dealer may have assigned specific zone(s) for you. Other users are sharing the same alarm system. There is very little interaction between users, and arming and bypassing zones can be done without interfering with other users. Bypassing zones is explained in the section on conventional mode. Entering the Access Code and then pressing ENTER# will arm or disarm all of your zones. EXAMPLE: Your Access Code is 1234, and you wish to disarm your zones, use the normal arm/disarm key sequence as follows:

Figure 17

In case of an alarm condition, enter your Access Code plus Enter. This will shut the alarm off.
CHANGING USER CODES

User codes can be changed from the keypad using the following sequence, AAAA [Mode] [CP] {[Mode] n} {CCCC} [Enter], where AAAA is the master code and CCCC is the new code for user number “n”. (See Figure 18 for an example).

**NOTE:** Only user #1 is allowed to program his or her users’ code.

**EXAMPLE:** Change user number 3’s code to 1535.

![Figure 18](image)

User numbers 1-8 can be used for the AV9000.

REMOTE DOWNLOADER FUNCTIONS

The panel can be programmed over the phone line using a computer. There are times when you may be instructed by the Monitoring Center to use one of these special commands for that purpose. The panel can be instructed to call the computer or to answer when the computer calls.

These functions should only be used when instructed to do so by personnel at either the Monitoring Center or Installation Company.

CALL THE "ScanPro" DOWNLOADER

To have the panel call the Computer, the following sequence can be entered:

![Figure 20](image)

ANSWER THE "ScanPro" DOWNLOADER

When the panel is programmed not to answer the telephone it may be forced to answer the telephone by entering the following sequence:

![Figure 21](image)
EVACUATION PLAN

The National Fire Protection Agency recommends the following guidelines to be prepared for an actual fire.

1. Draw a floor plan of the building marking all doors and windows.
2. Evaluate all possible escape routes from building, trying each route.
3. Select two (2) escape routes from each room.
4. Second floor rooms should have a rope ladder that reaches the ground.
5. Draw a sketch of the escape route and familiarize everyone in the home with it.
6. Select a meeting place outside where everyone is to report.
7. Practice the escape plan with everyone in household.
8. Advise the local fire department that a fire alarm system is installed.
9. Figure 22 shows an example of an evacuation plan.

FOR MORE INFORMATION WRITE:  
NFPA  
1 Battery March Park  
Quincy, MA 02269

APPROVAL OF FIRE AUTHORITY DOES NOT INCLUDE BURGLAR INSTALLATION OR EQUIPMENT. FOR TECHNICAL ASSISTANCE PLEASE CONTACT YOUR INSTALLER/DEALER.
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BROUGHT BY PURCHASER MORE THAN ONE (1) YEAR AFTER THE CAUSE OF
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This Limited Warranty gives you specific legal rights and you may also have other rights which
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Should purchaser have any questions with regards to this Warranty and Liability Limitations
and Disclaimer they should contact:

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