



Vision Security System **OWNER MANUAL V-LED1**



Congratulations on your purchase of the OPTEx Vision security system. Vision is an advanced microprocessor based alarm system which provides fire and burglar protection.

This manual provides simple operation instructions which will help you to enjoy the greatest benefit from your security system with the least difficulty. Please read this manual before operating the system.

Vision is a versatile system and some of the functions explained in this manual may not have been included in your system. Please ask your security company if there are features mentioned in this manual which you would like to add to your system.

SYSTEM REFERENCE GUIDE

System Information

Central Station Phone Number _____

Central Station Account Number _____

Service Call _____

Arming

Your system is programmed -

Zone Type Arming Area Group Arming Mode Arming

Delay Times

Exit Delay Time _____ sec.

Exit Delay Time 2 _____ sec.

Entry Delay Time _____ sec.

Entry Delay Time2 _____ sec.

Pre-Alarm Delay Time _____ sec.

Optional Functions

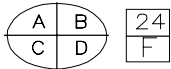
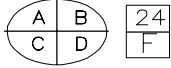
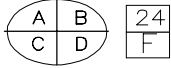
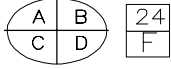
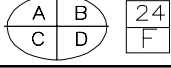
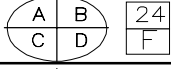
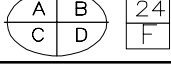
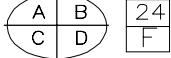
Arming

User Code Arming User Code Bypassing Exit Delay Timer2 Final Door
 Force Arming Silent Keypad Keyswitch Arming Auto Arming

Disarming

Pre-Alarm Delay Time Entry Delay Timer2 Silent Keypad Quick Exit

PROTECTION ZONE INFORMATION

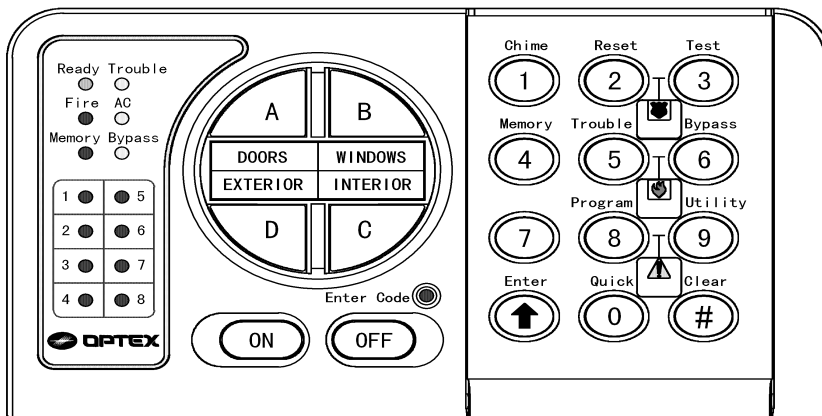
Number	Type/Area	Location
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Basic Operation

Vision's 'Point & Click' control makes operating your security system quick and easy. For most day to day operations you can simply select the area you wish to secure (A, B, C, or D) and press **ON**. If your security system is 'On' (armed), entering a valid User PIN turns-off (disarm) the entire system. If the entry delay buzzer is sounding during the disarming process, the **OFF** button can be pressed before your User PIN to temporarily silence the buzzer.

While this is all that's necessary for day-to-day operation of your Vision Security system, please read on to learn more about special features of your system and familiarize yourself with operating instructions you might need during special situations.

Quad Keys™



Quad Keys activate pre-assigned zone groups or pre-configured arming modes. Turn on the security system by selecting the appropriate button and pressing 'On'.

Each Quad Key™ button on your system represents Detection Areas of your security system (doors, windows, garage, exterior, etc...) or Custom Arming Modes (Away, Home, Night). By selecting the appropriate Quad Key™ and pressing the **ON** button, users can easily select the level of security they desire.

If you would like to deselect a Quad Key™ before arming, press the key a second time. Then, either select another Quad Key™ or press **#** to reset the system to it's 'Home' Mode.

If your Quad Keys control Arming Modes, only one mode may be used at a time. To shift from one mode to another, enter your code to disarm and then re-arm with the mode you desire.

If your Quad Keys control Detection Areas, you may select more than one area at a time. Additional areas can be added at anytime by pressing the appropriate Quad Key™ button and pressing **ON**. To turn off detection areas, enter your PIN number to turn-off all detection areas. Then select any areas you wish to rearm and press **ON**.

System Operation

The green 'Ready' light indicates that all detectors are secure and ready to arm.


If the 'Ready' light is not on, one or more detectors are activating (open) and are not ready to be armed. Depending on your system's design, this may or may not prevent your system from arming. Vision's Zone Indicator lights display which zone(s) have detectors which are in alarm (or open). Check the detector(s) on the zone(s) and arm your system. If you are unable to reset the detectors and return to 'Ready' mode, call your security company for assistance.

After pressing **ON** to begin arming, keypads will beep slowly during the exit delay period (if applicable). The tempo increases for the last ten seconds of the exit delay period and a sustained tone indicates that the delay period has expired and arming is now complete. After the arming process has been initiated, a valid user PIN must be entered to cancel arming.

Additional Arming Options


- Arm without entry delay: press **Enter** + **9** during Exit Delay period.
- Arm without exit delay: press **Enter** + **Quick 0** during Exit Delay period.
- Your entire security system can be turned on by pressing the **ON** button for approximately two seconds.
- A PIN number can be required before pressing **ON** to turn on the system. Ask your security company if you would like this feature activated.

User Functions

Vision allows system users to control many advanced features. This provides quick service, greater convenience, and lower operating cost. Access these features by pressing  and the feature number.

- [1] Chime
- [2] Smoke Detector Reset
- [3] System Walk Test
- [4] Viewing Alarm Memory
- [5] Viewing System Trouble
- [6] Bypassing Zones
- [7] Installer Programming
- [8] User Programming
- [9] No Entry Delay Arming/Utility Output
- [0] No Exit Delay Arming/Quick Exit

[1] Chime + 1


If your system is equipped, specified detectors can ring a chime tone from the keypads while the system is disarmed. This chime can be turned on or off by pressing  + 1 while the system is disarmed. Two short beeps indicate that the Chime has been turned on, one long beep indicates that the Chime has been turned off. The chime feature is automatically turned off everytime you arm your system. Ask your security company if you would like the chime to turn on automatically everytime you turn off your security system.

[2] Smoke Detector Reset + 2


If your system has smoke detectors, press  + 2 to reset the smoke detectors after an alarm




[3] System Walk Test + 3

Test your system monthly to ensure proper operation. Follow this recommended procedure:


- Call your monitoring company to let them know you are testing your system.
- Confirm that all zones are ready (Green ready light is On).
- Press  + 3 to initiate 'Walk Test Mode'. All zone indicators will blink except for FIRE zones and other 24Hr. zone types (these zone type must be tested by the security company).
- Activate each detector to confirm proper operation. The indicator for each zone will go out as each zone is activated (check each detector seperately if there is more than one detector on a zone).
- If operating the detector does not cause the indicator light to go out, test the detector again. Contact your alarm company if a detector or zone does not operate properly.

[4] Viewing Alarm Memory




 + 4

A blinking Memory LED or Zone Indicator LED while the panel is armed, or a lit Memory LED while the system is disarmed, indicates that an alarm occurred during the most recent arming period. Press  + 4 while the system is disarmed to view the first alarm of the arming period. Press 4 again to view each additional alarm of the arming period. A long beep tone indicates there were no additional alarms. Press  to clear the memory or arm and disarm the system. Press  to return to the system's HOME Mode.

[5] Viewing System Trouble



 + 5

AC LED indicator will light if AC power to the security system is lost. The AC indicator can help users recognize and repair accidental AC power losses themselves, without service calls. UL requires back-up battery power of at least 4 hours. Short power outages normally will not affect your system and do not require service from your security company.


Other system troubles are indicated by a blinking Trouble Indicator and beeping from the keypad. Press  or  to silence the beeping. Press  + 5 to view the cause of the trouble condition. Call your security company to discuss the trouble condition and recommended course of action. The trouble Indicator will remain lit until the trouble condition is resolved.



Zone LED	Trouble	Cause
1	Low Battery	Battery voltage is below acceptable level. Battery wiring trouble or broken fuse delay.
2	Box Tamper	System control box opened or damaged.
3	Bell Fault	Call security company for service
4	Bus Failure	Call security company for service
5	Communication Failure	The security system was unable to report to the monitoring company. Call your security company for service.
6	Real Time Clock Loss	The system's clock needs to be reset. See page 10 for instructions.
7	Telephone Line Loss	Telephone line or circuit trouble.
8	AC Failure	Call security company for service
Fire LED (Slow blinking)	Smoke Detector Trouble	Trouble with smoke detector wiring. Call security company for service.

Note






If there is no trouble on the system, a long beep sounds after  +  entry.

[6] Bypassing Zones

 + 6

Zones can be manually excluded as you arm your security system (if they are inoperable or if they would conflict with a planned activity). To enter Zone Bypass Mode, press  + 6. The green 'ready' LED will blink to indicate bypass mode. Press  to scroll upwards to the desired zone, or enter the zone number (01, 02, 03, etc...). The LED of the selected zone will light and its status will be displayed:

Zone Status	LED Status
Normal	Zone LED + Ready LED
Open	Zone LED only
Trouble	Zone LED + Trouble LED
Bypass	Zone LED + Bypass LED

Press  to bypass the selected zone or  to remove bypass. After adjusting the zone, press  to move to the next zone or  to return to Zone Bypass Mode. Press  a second time to exit Zone Bypass Mode.


Zone bypass is erased every time you disarm. If you bypass zones regularly, ask your security company about programming Quad Key buttons to automate this process for you.

A PIN number can be required before pressing 6 to bypass zones. Ask your security company if you would like this feature activated.

[7] Installer Programming


This area is for security company use only.


[8] User Programming


 + 8 + User PIN

System Users with appropriate authority can set User PINs, system time, auto-arming time, and other advanced features in this section. Only User PINs with authority levels 01 and 02 can access this area. See below for instructions regarding User Programming.


[9] No Entry Delay Arming & Utility Output


 + 9



During the exit delay period, enter  + 9 to arm your system without entry delays. All armed zones will create an alarm instantly. Anyone entering through a protected door will cause an immediate alarm because the entry delay has been cancelled. This is sometimes used to increase security after everyone has arrived home for the evening.

If your system is equipped to operate auxilliary devices, such as an electronic or magnetic door lock, entering  + 9 + Utility PIN will activate the device. Ask your security company for additional information about adding or operating this feature.

[0] No Exit Delay Arming & Quick Exit

 + 0

During the exit delay period, enter  + 0 to arm the system immediately. This will cancel the remainder of the exit delay.


While your system is armed, press  + 0 to bypass the entire system for two minutes. You may enter or exit freely until the system automatically returns to its prior armed status at the end of the two minute period. Press  to abort this timer and return the system to its armed state.


User Programming

System Users with appropriate authority can set User PINs, system time, auto-arming time, and other advanced features. Only User PINs with authority levels 01 and 02 can access this area.


Entering User Programming






 + 8 + PIN





While the system is disarmed, press  + 8 + PIN to enter User Programming. When the system is in User programming's 'Home' Mode, the Ready and Fire LEDs are lit and the Memory LED blinks.

Carefully follow the appropriate programming sequence listed below. If necessary, press  once to return (escape) to the 'Home' Mode for User Programming, or twice to return to the system-wide 'Home' Mode.

[1] User PINs






1 + 

Press [1] +  to enter User PIN Programming. Then press the address of the PIN you wish to program [01, 02...08] and press . Now enter the 4 digits you wish to use for the PIN number, press , set the two digit authorization level and press . Either continue entering codes and authorization levels, or press  two times to exit User PIN programming. (see below for more information regarding User PIN Authorization Levels)

If you continue, Vision will automatically advance to the address of the next PIN and wait for a four digit code +  + two digit authorization level  , etc..and automatically return to 'Home' of User Programming after the eighth user PIN is programmed. At any time,  can be pressed once to return to 'Home' of User Programming; press  a second time to return to system-wide 'Home'.

Note User PIN 01 cannot be erased and must have Authority level 01

Complete sequence to program a User PIN



 + 8 + PIN + 1 +  + PIN address (02, 03, 04, etc...) +  + New 4 digit code +  + 2 digit Authorization Level + 
(#, # to exit programming)

PIN Authorization Levels

Each user PIN must be assigned a two digit authorization level:

- 01 All system operation and programming
- 02 All system operation and programming, except PIN programming
- 03 System operation only, no programming
- 04 System arming only, no disarming, bypassing, or programming




Changing/Deleting User PINs

During the sequence shown above, when you are requested to enter a 4 digit PIN number, you can change a PIN number by entering the new 4 digit PIN over the old PIN. To delete a PIN number, press  instead of entering a 4 digit code. Proceed to press  and set a Authorization Level to finish the programming sequence.

[2] Temporary PIN (automatically cancelling) 2 + 

User PIN 08 can be programmed to automatically expire. Set the PIN's duration (in days) here. Select a value between 01 and 98 days; or, 99 for a permanent PIN.




Complete sequence to set duration of temporary PIN

 + 8 + PIN + 2 +  + days + 
(#, # to exit programming)


[3] Utility PIN 3 + 




User If your system is equipped to operate auxilliary equipment (such as an electronic or magnetic door lock), the code used to activate this feature can be programmed here.

Complete sequence to program the Utility PIN






 + 8 + PIN + 3 +  + 4 digit PIN + 
(#, # to exit programming)

[4] Set System Time Clock


4 + 

Many important Vision features utilize an internal clock to operate. Set, or reset, the clock here. Set hours and minutes (HH:MM) using 24 hour format (1330 = 1:30pm) and press . Then set month and day (MMDD), press , year (YY) and .

Complete sequence to set the system clock




 + 8 + PIN + 4 +  + HHMM +  + MMDD +  + YY + 
(#, # to exit programming)

[5] AM/PM or 24 Hour Clock


5 + 



If your Vision keypad displays the system time clock, you may select AM/PM or 24 hour display here.

Complete sequence to AM/PM or 24Hr. clock display





 + 8 + PIN + 2 +  + days + 
(#, # to exit programming)

[6] Auto Arm

6 + 

Your Vision security system can automatically arm itself at the same time every day. Use this programming area to control Auto Arming. After pressing 6 and Enter, use the 1 button to turn Auto Arming On or Off (LED 1 lit for Auto Arm On and off for Auto Arm Off) then enter an arming time (using 24Hr. format) and press . Press  twice to exit programming.

Complete sequence to set Auto Arming


 + 8 + PIN + 6 +  + 1 (to select Auto Arm On or Off) +  +
Time (24Hr. format) + 
(#, # to exit programming)

User Activated Alarms

Keypad Alarms

If equipped, your Vision keypad can be used to report alarms to the monitoring company.

Press 2 & 3 for approximately 2 seconds for emergency PANIC alarm ().

Press 5 & 6 for approximately 2 seconds for emergency FIRE alarm ().

Press 8 & 9 for approximately 2 seconds for EMERGENCY alarm ().

Duress Alarm

If equipped with this special user PIN, your security system will send an **EMERGENCY HOSTAGE SITUATION** alarm to the monitoring company whenever it is used to arm or disarm your security system.