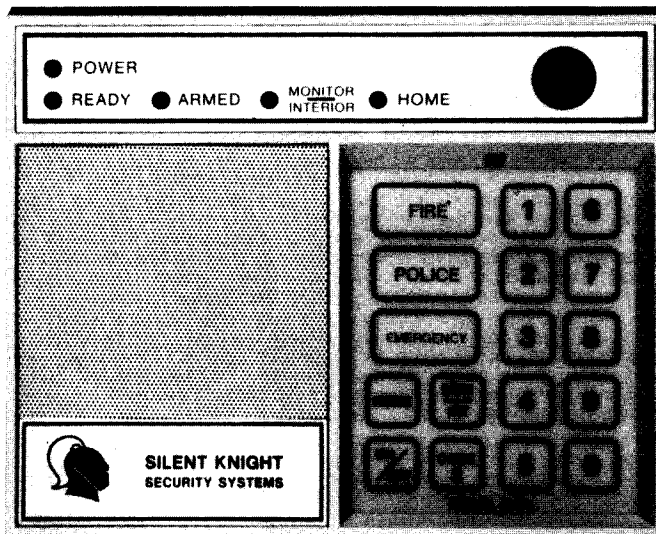


MODEL 3500 SECURITY SYSTEM OWNERS MANUAL

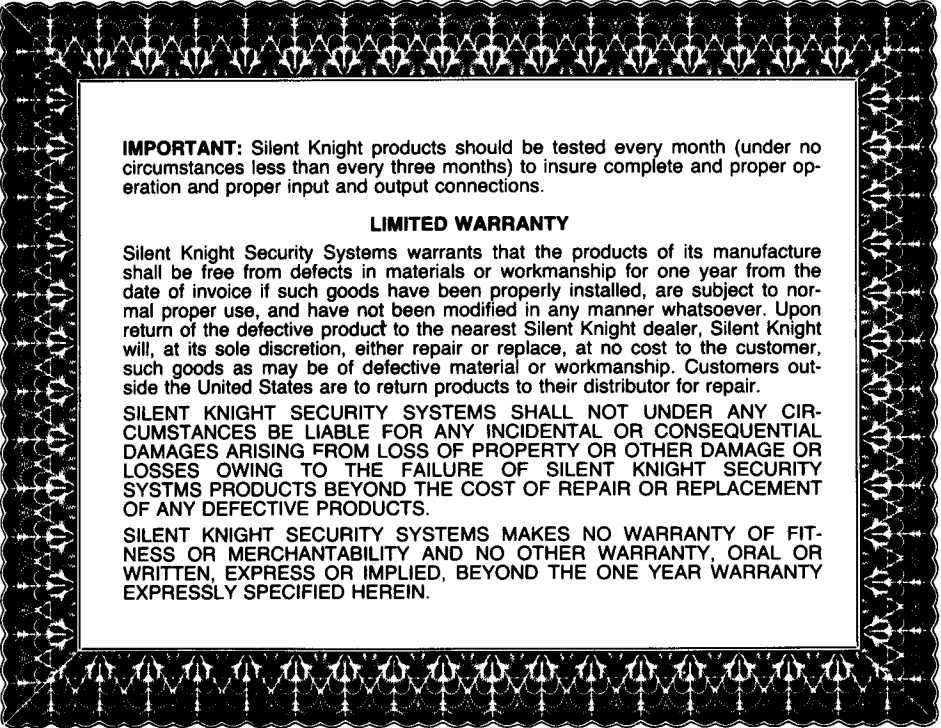


**SILENT
KNIGHT**

SECURITY SYSTEMS

1700 Freeway Blvd. North, Minneapolis, MN 55430

612/566-0510 -- Telex 29-0452



IMPORTANT: Silent Knight products should be tested every month (under no circumstances less than every three months) to insure complete and proper operation and proper input and output connections.

LIMITED WARRANTY

Silent Knight Security Systems warrants that the products of its manufacture shall be free from defects in materials or workmanship for one year from the date of invoice if such goods have been properly installed, are subject to normal proper use, and have not been modified in any manner whatsoever. Upon return of the defective product to the nearest Silent Knight dealer, Silent Knight will, at its sole discretion, either repair or replace, at no cost to the customer, such goods as may be of defective material or workmanship. Customers outside the United States are to return products to their distributor for repair.

SILENT KNIGHT SECURITY SYSTEMS SHALL NOT UNDER ANY CIRCUMSTANCES BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING FROM LOSS OF PROPERTY OR OTHER DAMAGE OR LOSSES OWING TO THE FAILURE OF SILENT KNIGHT SECURITY SYSTEMS PRODUCTS BEYOND THE COST OF REPAIR OR REPLACEMENT OF ANY DEFECTIVE PRODUCTS.

SILENT KNIGHT SECURITY SYSTEMS MAKES NO WARRANTY OF FITNESS OR MERCHANTABILITY AND NO OTHER WARRANTY, ORAL OR WRITTEN, EXPRESS OR IMPLIED, BEYOND THE ONE YEAR WARRANTY EXPRESSLY SPECIFIED HEREIN.

INTRODUCTION

Your Silent Knight Model 3500 Security System utilizes microprocessor state-of-the-art technology, providing reliable electronic protection against intrusion, fire and other emergencies. This system provides many features typically offered only in much larger, more elaborate security systems.

Because of the flexibility of the 3500 circuitry and the “customizing” of installations, your system may have more or fewer of the features described here. Consult your alarm installing company if you have any questions.

Your system is active 24 hours a day, monitoring for fire and other emergencies. The Intrusion circuit must be “armed” and “disarmed” as required.

TESTING

Important: Your security system should be tested regularly; once a month is recommended. This procedure will be explained by your alarm company.

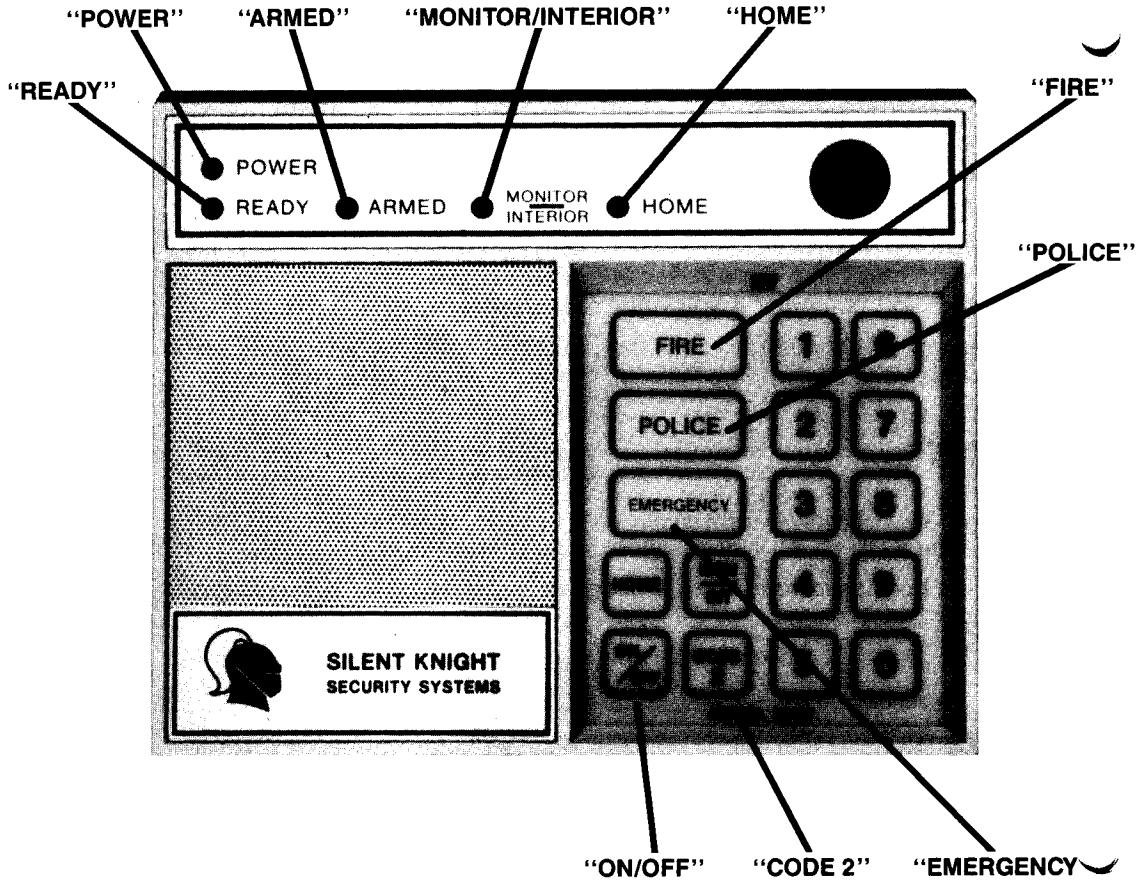
Your Silent Knight security system is designed to provide you with many years of reliable, trouble-free protection.

System Installed by: _____ Date _____

For Service Call: () _____ and/or () _____

Before testing call: () _____ and/or () _____

Your account number is: _____ **Keep this number confidential.**



LAMP INDICATOR

The five solid-state lamps near the top of the control module are described below.

The “**POWER**” lamp indicates that there is AC power being supplied to the system. This lamp should be on constantly. If the lamp is off, check to see that the system transformer is plugged in and that there is AC power present. If the lamp remains off, call your alarm service company.

The “**READY**” lamp indicates that: (1) sensors are in a ready mode and the system can be armed. If the lamp is off, the system will not arm. (Check to be sure all sensed doors, windows, etc., are closed.) (2) when flashing, the system is ready to be programmed for access code combination(s). (See the “**Programming**” section of this manual.)

The “**ARMED**” lamp indicates that the system is armed. (Intrusion alarm is turned on. The Fire, Police and Emergency alarms are on 24 hours a day.) In an intrusion alarm condition, this light will be flashing.

The “**MONITOR/INTERIOR**”:

(1) When the “**Armed**” lamp is off and the “**Monitor/Interior**” lamp is on, a low level two tone chime will be heard whenever a perimeter sensor (door or window) is opened or closed.

When the “**Monitor/Interior**” lamp is off, no chime will be heard when perimeter sensors are activated.

(2) When the “**Armed**” lamp is on and the “**Monitor/Interior**” lamp is on, activating sensors in the interior of your home (pressure mats, electric eyes) will cause an intrusion alarm to occur.

When the “**Monitor/Interior**” lamp is off, the sensors in the interior of your home are disconnected from your intrusion system. This feature allows you to move freely in your home and still have a degree of security around the perimeter of your home.

CONTROLS

The **"FIRE," "POLICE"** and **"EMERGENCY"** touch pads activate the indicated alarm when depressed and held for one second. If the Model 2370 digital communicator is included in your system, it will simultaneously report the corresponding alarm to the monitoring station. This will be indicated by the **"POWER"** light flashing.

The **"HOME"** control turns the delay circuit on and off. When the **"HOME"** light is on, the delay circuit is switched to instant. When it is off, the delay time (adjustable) is in effect.

The **"MONITOR/INTERIOR"** control turns the "chime" feature on and off when the system is not armed; it also turns the interior intrusion circuit on and off.

The **"ON/OFF"** control turns the power supply for the system on and off. This control is normally used only when servicing the system. Pressing the **"ON/OFF"** switch twice, in rapid succession, followed by the 4-digit access code, will turn off power.

The **"CODE 2"** control enables the second access code. (See **"Programming"** below.)

PROGRAMMING

Your electronic access combination may be easily reprogrammed as explained below.

To reprogram your code, press the **"O"**, then enter your present code. (The green **"READY"** lamp will now start flashing, indicating that the system can be reprogrammed.) Now, enter the desired 4-digit code.

Note: If, during the programming, an unintended digit is entered, simply press the **"HOME"** switch and start over. The HOME switch will clear all digits previously entered. (If the system is placed in the program mode, but new data is not entered, it will reprogram itself with the old combination in approximately one minute).

The **Code 2** feature is provided to allow controlled entry by maintenance personnel, building managers, domestic help, etc. This feature may or may not be used in your system. Consult your building manager or alarm installing company for details.

OPERATION

To arm the system before leaving, first observe that the green “**READY**” lamp is on, indicating that all sensors are ready. The “**Home**” lamp should be off. Enter the 4-digit access code; note the red “**ARMED**” lamp is on—and exit the “delay” circuit door within the pre-set delay period.

When re-entering, a “warning” sound will be heard which indicates that the system will go into alarm if not disarmed within the delay period. Enter the 4-digit access code.

A silent Duress Alarm can be generated when disarming by first entering a “9”, then the regular 4- digit code. The system will then transmit a silent duress alarm to the monitoring station. (**Note:** This feature may or may not be included in your system.) **IMPORTANT:** If the duress feature is used, the digit “9” should never be used as either the first or last digit in the combination.

To reset any alarm, simply enter the access code. An emergency alarm will not reset if the activating sensor is still in an alarm state.

The fire alarm will reset with the access code but will come back on in 2 seconds if the alarm sensor (smoke detector, for example) is still in an alarm state. (To turn the system off, while the smoke detector restores, refer the to ON/OFF switch under “**CONTROLS**”).

The Home Circuit is normally on when the premises is occupied. The home circuit can only be changed when the system is disarmed. (The Home control eliminates the delay function on the entry sensor.)

ALARMS

When the system is activated:

(1) An audible alarm is heard (unless the system has a “silent” channel—optional.) There is a distinct sound for each alarm; comprised of two different tones. These sounds can be described, graphically as:

FIRE: Hi Low Hi Low **POLICE:** Hiiiiii—Low Hiiiiii—Low **EMERGENCY:** Hi (off) Hi (off) Hi

Familiarity with these sounds will develop, with testing. The alarm will typically shut off after a predetermined time period.

(2) If the alarm was caused by an intrusion, the **“ARMED”** lamp will flash. This lamp will continue to flash until the access code is entered.

(3) (Optional): The digital communicator will report to the monitoring station.

(4) If the digital communicator is used, the **“POWER”** light will flash until the alarm message is received.

TROUBLE

In the event of “trouble”—typically a faulty fire circuit—a “beep” will be heard each minute. Your service company should be called.

ACCIDENTAL ACTIVATION

In the event the system is accidentally activated, the access code should be immediately entered. If the code is entered within 15 seconds, a false report (to the monitoring station) will be avoided. Be sure the proper procedures are explained by the alarm company.