SILENT KNIGHT

Fire Systems™

Model 5207
Fire Alarm Panel
Operator's Guide
Part Number 150265
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IMPORTANT
Please Read

Security products should be tested every week to ensure complete and proper input and output connections.

To comply with industry standards, this product is equipped with line seizure. This means that any time the system's dialer needs to communicate with the central station, it will NOT be possible to use any telephones that are on the same line(s) as the system. Normally this condition will last approximately one minute, but, under adverse telephone circuit conditions, could last for as long as 15 minutes.

System Overview

The Silent Knight Model 5207 is a UL listed fire alarm panel designed with the most recent microprocessor technology available. It provides you with dependable, 24-hour fire protection for your business. Although it is a very sophisticated piece of equipment, you will find it flexible and easy to use.

This guide is intended to provide you with basic operating instructions for the most frequently used functions. Call your security company if you need information about a problem or function not described here. Your installer has customized your system to meet your specific needs. If the instructions here differ from those supplied by your installer, follow your installer's instructions.

The 5207 monitors for fire in up to 16 zones, or areas, within your facility. When the 5207 encounters a fire, it immediately sends an alarm signal to your security company's monitoring office.

The major components of the 5207 are:

- Sensors
- Touchpads (optional devices also known as annunciators)
- Control Panel

Sensors are devices, such as smoke and heat detectors, that recognize fire hazard conditions. They are distributed throughout your facility.

One touchpad is built into your system. You can use it to control the 5207. You may also have up to seven additional touchpads distributed throughout your facility.

Audible Warnings

It is likely that your installing company has attached a sounding device to your system. If so, fire and trouble conditions will activate the following audible warnings (in addition to sending a signal to your monitoring office):

Fire Condition

A loud, usually high pitch pulsing bell will sound in the zone with the fire condition.

Trouble Condition

The trouble condition warning sounds when the control panel detects a malfunction in the 5207. It will issue a half-second beep every four seconds until the trouble has been silenced. It is important that your system be serviced as soon as possible to correct a trouble condition. Call your installation company for service immediately.

LED Display Indications

If you are using external touchpads, a green POWER light will display constantly to let you know the system is functioning normally.

In most cases, LED displays are OFF in normal conditions. One exception is the AC/DC LED. When lit, it indicates that the control panel is running on AC power, the normal condition.

During system testing, the SET MODE/ REPORT LED will be lit (steady or flashing). This is a normal condition. If any other LEDs are lit, contact your security company for assistance.

Basic Operations

Note: Some procedures require you to enter a code 0 or code 1.

System Testing

The 5207 is active 24 hours a day and requires very little maintenance. Periodic testing will ensure that your system is operational at all times.

Automatic Self Test

The 5207 sends an automatic test to your security company's central station at a pre-determined time. You can activate a manual test at any time. See below.

Manual Test

1. Press the digit $\boxed{0}$.
2. Press $\boxed{\text{ENTER}}$.
3. Enter a valid operating code.

The system will perform three tests: a display lamp test, a bell test, and a communicator test. Some LEDs that are normally off will be lit (steady or flashing) during a system test.

Silencing an Alarm or Trouble Warning

In some situations, you may want to silence an alarm or trouble warning. For example, you may want to silence a malfunctioning smoke detector that triggers a fire alarm when there is no fire. Your security company may prefer that you silence rather than reset the alarm until a representative arrives to check your system. When an alarm is silenced, the alarm is no longer audible but the condition that caused it still exists.

To silence:

1. Press the $\boxed{\text{SILENCE}}$ key.
2. Enter a valid operating code.

Resetting an Alarm or Trouble Warning

When an alarm or trouble warning has been sounded, your system is not fully operational until it has been reset. Resetting should be used when the condition that caused the alarm or trouble has been resolved. (See "Silencing an Alarm or Trouble Warning" to make sure that you wish to reset rather than silence.)

To reset:

1. Press the digit $\boxed{1}$.
2. Press $\boxed{\text{ENTER}}$.
3. Enter a valid operating code.

Resetting the Dialer

You can abort a fire alarm call to the central station by resetting the dialer.

To reset the dialer:

1. Press the digit $\boxed{3}$.
2. Press $\boxed{\text{ENTER}}$.
3. Enter access code 0 or 1.

Disabling/Enabling Zones

When a zone is disabled, there is an alert tone that cannot be silenced until the zone is enabled. To either enable or disable:

1. Enter the zone number.
2. Press $\boxed{\text{DISABLE}}$.
3. Enter a valid operating code.

The DISABLE button acts as a toggle.

Setting the Date and Time

It may be necessary for you to set the date or time on the 5207.

When you set the date or time, your system is disabled. It will not be operational again until you exit Set Date or Set Time mode.

Setting the Date

1. Press the digit $\boxed{8}$.

2. Press $\boxed{\text{ENTER}}$.

3. Enter an operating code (if required).

The SET MODE LED indicator will light and your display will read "-8".

Enter the date as 6 digits, two each for month, date, and year. For example, to set the date as January 13, 1995, you would enter the following:

$\boxed{0}\ \boxed{1}\ \boxed{1}\ \boxed{3}\ \boxed{9}\ \boxed{5}$

Once you enter the last digit, the SET TIME LED turns off and you have completed setting the date.

Press $\boxed{\text{CLEAR}}\ \boxed{\text{CLEAR}}$ to exit Set Date mode.

Setting the Time

You use 6 digits to set the time. The first digit stands for the day of the week, the second digit represents AM or PM, and the last 4 digits are for the time itself.

1. Press $\boxed{9}\ \boxed{\text{ENTER}}$.

2. Enter an operating code (if required).

The SET MODE LED indicator will light and your display will read "-9".

3. Enter $\boxed{0}$ for Sun., $\boxed{1}$ for Mon., etc.

4. Enter $\boxed{0}$ for AM or $\boxed{1}$ for PM.

5. Enter the time. (For example, to set the time as 11:35, press $\boxed{1}\ \boxed{1}\ \boxed{3}\ \boxed{5}$.)

Press $\boxed{\text{CLEAR}}\ \boxed{\text{CLEAR}}$ to exit Set Time mode.

Fire Drill

A fire drill is another important function you will want to perform periodically to help you practice building evacuation.

To begin a fire drill:

1. Press the digits $\boxed{2}\ \boxed{0}$.

2. Press $\boxed{\text{ENTER}}$.

3. Enter access code 0 or 1.

The system will sound an alarm and report a fire test.

Press $\boxed{\text{SILENCE}}$ (access code 0 or 1) to end a fire drill.

Entering Programming Mode

A variety of system options can be programmed into your 5207 with Step Programming. Using the 5230 Remote Annunciator, you can enter Step Programming mode as follows:

1. Press the digits $\boxed{2}\ \boxed{7}$.

2. Press $\boxed{\text{ENTER}}$.

3. Enter access code 0.

Press $\boxed{\text{STEP}}\ \boxed{\text{STEP}}\ \boxed{\text{CLEAR}}\ \boxed{\text{CLEAR}}$ to exit Step Programming mode.