

Vindicator[®]

Lock II

Operator's Guide

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Using the Vindicator Lock

Introduction

Using this manual

This manual explains how to operate the Vindicator Lock on your safe. It tells you about:

- Front Panel Features and Controls
- Using your key
- Logging in
- Opening Safe Doors
- Changing PINs
- Duress PINs
- Opening the Store
- Opening the Vindicator Lock if you forget your key
- Getting additional keys
- Battery Backup Indicator

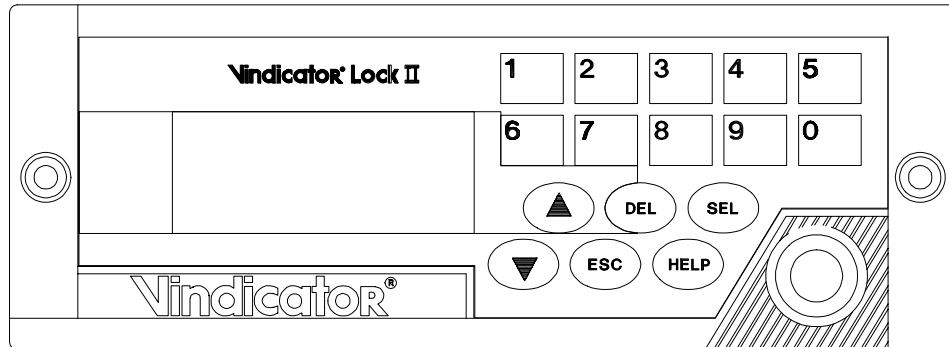
More importantly, it explains what to do when something goes wrong and you cannot open your safe.

This manual does *not* discuss procedures for administering the lock. Administration issues such as enrolling keys, setting time lock and access parameters, and other operations that affect how the lock works, are covered in the *Vindicator Lock II Administration* manual. Persons who are authorized to make these changes are called “Lock Administrators,” or simply “administrators.”

Important Note	Your Vindicator Lock may display messages that are not the same as those shown in the illustrations in this manual. That is because your Vindicator Lock administrator or supplier may have changed some of your messages to make your lock work better in your store. Your lock administrator should be able to tell you what the differences are in your Vindicator Lock.
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Front Panel

The Vindicator Lock front panel contains the display, the key receptacle, a keypad and a beeper. The front panel is shown in the following figure.



What the front panel is for

The front panel is your communications link to the electronics inside the Vindicator Lock. It has 4 basic uses.

- Read the display to find out what the Vindicator Lock wants you to do, or to select one of a list of options.
- Use the key receptacle to “log in” to the Vindicator Lock. Logging in is described in the section called “Using your key.”
- Use the keypad to enter your secret Personal Identification Number (PIN) and to control the display.
- Listen to the beeper. It
 - clicks each time you press a button on the keypad
 - beeps intermittently to remind you of things such as when a time delay is completed or that the safe door is open
 - beeps continuously to inform you of door alarm events.

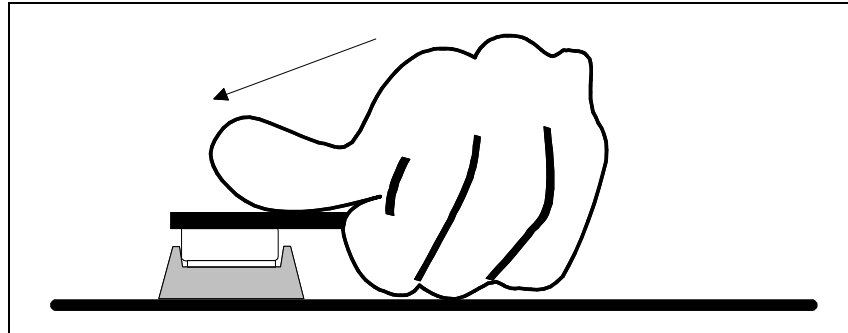
Double-beeps are good — they usually mean that whatever you want to do is OK. Triple-beeps are bad — they usually mean that something you wanted to do is not allowed, or that something is wrong.

Presenting your key

Each time you operate the Vindicator Lock you must *present* your key.

To present your key

1. Press the metal disk firmly to the key receptacle on the front panel. Make sure the key touches both the center and the edge of the receptacle. *Do not twist the key.*

**Suggestion**

If nothing happens, try pushing the key sideways to ensure a good electrical contact.

If the Vindicator Lock should display some type of read error, don't worry, just keep holding your key there and it will eventually (usually within a couple of seconds) properly read the key. With a little practice, you will present the key accurately every time.

What should happen

A new message appears on the display. Most likely the message asks for your PIN, or asks which door you want to open.

Logging in

Each time you operate the Vindicator Lock you must *log in*. Logging in involves *presenting* your key — usually you also have to enter your secret Personal Identification number, your PIN, as well.

Suggestion Your PIN can be any 4-digit number you like — just be sure that is a number that would not be easy to guess. PINs like 1234, 9876, 1994, etc., are *not* good PINs. A sharp crook who has stolen a key will quickly guess such a PIN.

Always keep your PIN a secret!

To log in

1. Present your key.

The Vindicator Lock reads the data in your key and asks you for your PIN. The display looks something like this:

Please enter
PIN: _____

Then press SEL

If you get an error message If the display tells you that there is an error, just keep pressing the key into the receptacle. Within a few seconds the Vindicator Lock should succeed in reading your key.

To Enter your PIN

2. Enter your PIN by pressing each of the four numbers in succession. If you make a mistake, press DEL to delete the last number you entered. You can press DEL as often as you need to.

Each time you press a number an * appears on the display. The Vindicator Lock does this to make sure no one can steal your PIN by looking over your shoulder.

Suggestions

- Be careful when entering your PIN. If you enter the wrong number too many times, the Vindicator Lock may deactivate your key and you will not be able to open the safe at all.
- Don't interrupt your activities at the Vindicator Lock. The lock will log you out if it notices that you aren't doing anything. If that happens, you have to start all over.

3. Press SEL.

When you have successfully entered your new PIN, you have “logged in” to the Vindicator Lock. A list of options available to you appears on the display.

Opening safe doors

Each time you open the safe you must **log in** to the Vindicator Lock. See **Logging in** for more information.

When you have successfully logged in, a list of options appears on the display.

Note	The following examples are for the door called “Outer Door #1” Different messages appear for different doors.
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To open a safe door

1. Log in to the Vindicator Lock.
 - If a *timelock* message appears on the Vindicator Lock display, you cannot open any of the safe doors.
 - If a time *delay* message appears, read the instructions in the following section labeled **Opening Time-Delayed doors** (following).
 - If a list of options appears, you can continue with these instructions.

You do this	The Vindicator Lock does this
1. If you need to, move the arrow so that it points to the OPEN DOORS option. To move the arrow use the ↑ and ↓ keys.	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> CHANGE PIN OPEN DOORS ALARM PANEL ADMINISTRATION </div>
2. Select OPEN DOORS press the SEL key.	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> Open OUTER DOOR INNER DOOR DEPOSIT </div>
3. Select the type of door you want to open and press the SEL key. (In this case the words “Which Outer door” would appear on the screen.	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> Which XXXXX door? _ </div>
4. Enter the door number for the door you want to open. Press SEL.	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> OUTER 1 Lock released. OPEN DOOR NOW! 0 </div>

You can now turn the safe’s handle and open the door.

Armored Carriers

Your Vindicator Lock can be customized so that *no one* can open the safe except at certain times or on certain days. If you log in and try to open the safe during an unauthorized time period, (for example, on a holiday when the store is normally closed), a timelock message appears. The message looks something like this.

Door is
Timelocked.
Access denied!

Sometimes an armored carrier may need access to a safe during a timelocked interval. If the carrier has a First Key with timelock override permissions, **and** you have the Second Key (with timelock override permissions), **and** timelock override has been *enabled* by your safe’s administrator, you can still open the safe.

Note	The following examples are for the door called “Outer Door #1” Different messages appear for different doors.
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To open a safe for an armored carrier

You do this	The Vindicator Lock does this
1. Have the carrier present the First Key and enter a PIN if necessary. Note that a timer starts and that you must present the internal key before the time out.	<div style="border: 1px solid black; padding: 5px; margin: 5px auto; width: 80%;"> Present Second key 0 </div>
2. Present the second key and enter a PIN if necessary.	<div style="border: 1px solid black; padding: 5px; margin: 5px auto; width: 80%;"> CHANGE PIN OPEN DOORS ALARM PANEL ADMINISTRATION </div>
3. Select the type of door you want to open and press the SEL key. (In this case the words “Which Outer door” would appear on the screen.	<div style="border: 1px solid black; padding: 5px; margin: 5px auto; width: 80%;"> Which XXXXX door? _ </div>
4. Enter the door number for the door you want to open. Press SEL.	<div style="border: 1px solid black; padding: 5px; margin: 5px auto; width: 80%;"> OUTER 1 Lock released. OPEN DOOR NOW! 0 </div>

Opening Time-Delayed doors

Your Vindicator Lock may be customized so that you have to wait before you can open the door. This is called the time delay feature — it is intended to discourage thieves who usually cannot afford to wait out a significant time delay.

The lock tells you when a time delay is in effect, and how long you have to wait. You *cannot* open a door while a time delay is in effect unless your lock administrator has provided overrides that allow you to do so. You may, however, be able to open other doors if they are not programmed with a time delay.

Note	The following examples are for the door called “Outer Door #1” Different messages appear for different doors.
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You do this	The Vindicator Lock does this
1. Log in and select the door you want to open. If the safe has a time delay specified you get a message like this one.	Waiting to unlock OUTER 1 Time since start 00:00:00
2. When the time delay is over, a new message appears.	Ready to unlock OUTER 1 PRESENT KEY. 00:00:00
3. Present your key. You can open the door when the following message appears.	OUTER 1 Lock released. OPEN DOOR NOW! 0

Changing PINs

If you *must* change your PIN, the Vindicator Lock will tell you. You *may* change your PIN at any time and you *should* change it regularly. In fact, your safe administrator may have programmed the Vindicator Lock so that it requires you to change your PIN at regular intervals.

To change your PIN

You do this	The Vindicator Lock does this
1. Log in to the Vindicator Lock.	<div style="border: 1px solid black; padding: 5px; text-align: center;"> CHANGE PIN OPEN DOORS ALARM PANEL ADMINISTRATION </div>
2. Select the CHANGE PIN option.	<div style="border: 1px solid black; padding: 5px; text-align: center;"> Please enter new PIN: ____ Then press SEL. </div>
3. Enter a new 4-digit PIN number and press SEL.	<div style="border: 1px solid black; padding: 5px; text-align: center;"> Confirm. Please reenter new PIN: ____ </div>
4. Do Step 3 again.	<div style="border: 1px solid black; padding: 5px; text-align: center;"> Please present key again (To record new PIN.) </div>
5. Present your key. Your new PIN is registered in your key.	<div style="border: 1px solid black; padding: 5px; text-align: center;"> CHANGE PIN OPEN DOORS ALARM PANEL ADMINISTRATION </div>

Duress PINs

Your safe administrator may have provided you with a “Duress PIN.” Use your Duress PIN to send a silent alarm if you are being robbed and someone is forcing you to open the safe.

When you use your Duress PIN nothing abnormal appears on the Vindicator Lock’s display and no abnormal noises occur.

Figuring out your Duress PIN

Your duress PIN is determined by your safe administrator. It may be set to be larger or smaller than your regular PIN by **5**, or it may equal your PIN number plus **1**. Either way, *only the last digit is affected*; you do not “carry the one.”

<p>Example (duress PIN set to ± 5)</p>	<p>Your regular PIN is 6837 and your Duress PIN is set to + or – 5. To compute your Duress PIN, add or subtract 5 to your regular PIN. (It doesn’t matter which you do because only the last digit is affected, but you can always add 5 if the last digit of your PIN is less than 5 and subtract 5 if the last digit is less than 5.)</p> <p>Add 5</p> <p>Your old PIN = 6837 Add 5 + <u> 5</u> Your Duress PIN = 6832</p> <p>or Subtract 5</p> <p>Your old PIN = 6837 Subtract 5 – <u> 5</u> Your Duress PIN = 6832</p>
<p>Example (duress PIN set to +1)</p>	<p>Your regular PIN is 6837 and your Duress PIN is set to +1. To compute your Duress PIN, add 1 your regular PIN. If the last digit of your PIN is 9, the last digit of your Duress PIN is 0.</p> <p>Your old PIN = 6837 Add 1 + <u> 1</u> Your Duress PIN = 6838</p>

To signal duress

1. Present your key.
2. Enter your Duress PIN.

Normal operation proceeds.

<p>Suggestion</p>	<p>Be sure to find out from your safe administrator how the Duress PIN feature was set up (if it was set up at all) <i>before</i> you get into trouble.</p>
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Expired PINs

If your PIN has *expired*, the Vindicator Lock displays the following message when you try to log in.

Your PIN has
expired
Please enter a
new PIN: _____

To renew an expired PIN

1. Enter a new PIN by pressing each of the four numbers in succession. If you make a mistake, press DEL to delete the last number you entered. You can press DEL as often as you need to.

Each time you press a number an * appears on the display. The Vindicator Lock does this to make sure no one can steal your PIN by looking over your shoulder.

2. Press SEL.

The Vindicator Lock displays the following message asking you to confirm this number. The confirmation is just a check to make sure you entered what you intended.

Confirm.

Please reenter
new PIN: _____

If all goes well, your PIN is confirmed. If not, the Vindicator Lock asks you to enter a new PIN *again*. You must enter exactly the same PIN twice in a row before you can continue.

Note	Don't try to use the same PIN over again. The lock won't allow it.
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When the new PIN is confirmed, the Vindicator Lock asks for your key again.

Please present
key again
(To record
new PIN.)

When you again present your key, the new PIN is recorded, and you have “logged in” to the Vindicator Lock II.

Opening the Store

If your store's Vindicator Lock is equipped with the Remote Reader option, there will be a small key reader located at an entrance to the store. The entrance with the key reader is the "Entry Door." The Remote (key) Reader is illustrated in the following figure.

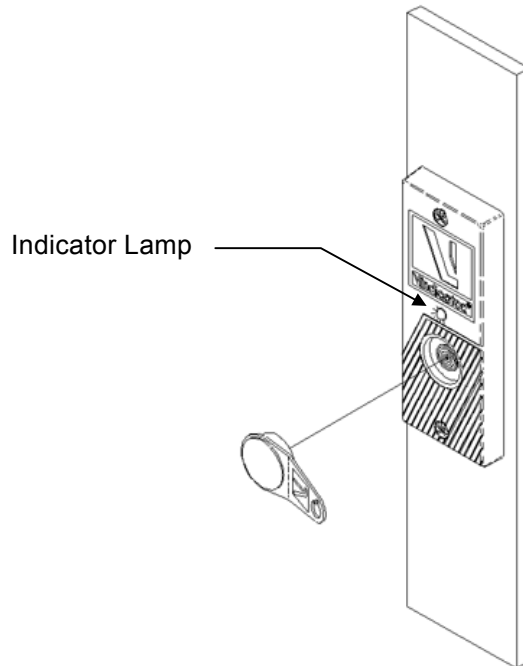


Figure 1. Remote Key Reader

Entering the Building

To enter the building,

1. Present your key to the key reader the same way you would present it to the lock.
2. If everything's *ok*, the indicator lamp at the top comes on and the door unlocks.

If something is *wrong*, the indicator lamp at the top blinks three times. See *If You are Denied Access* later in this chapter for an explanation.

3. Enter the building and close the door behind you.

The amount of time you can keep the door open and the amount of time you can spend inside may be timed. For maximum security, the Vindicator Lock's administrator should set the timing to allow you and others who must get in and out of the store enough time to do your jobs and no more.

Turning Off the Alarm Panel

The Vindicator Lock at your store may have been set up to work with the alarm panel. If so, the lock will “know” who is responsible for operating the alarm panel. If disarming the alarm panel is your job, you can perform this duty in your usual way. The lock will not change that. If you are making off-hour deliveries, work quickly — your stay may be timed.

If You are Denied Access

If you present your key and the indicator lamp at the top of the key reader blinks three times, you have been denied access to the store. There are a number of reasons why this might happen.

- Someone may be inside who has a safe door open, or the safe door may have been left open accidentally.
- You may be trying at the wrong time — all door operations at both the safe and at the EntryDoor are subject to timing.
- Your permissions may have been deactivated, or been changed. See your system administrator about permission changes.

Leaving the Building

If you have an Exit button, press it and leave the premises. Otherwise, leave the building before your time expires.

If operating the alarm panel is your job, arm the panel and leave immediately. The alarm panel should be programmed to give you time to leave.

If you have been using the safe, make sure all the safe doors are closed before you leave. In some situations, *if you leave a safe door open, people may not be able to make deliveries or enter the building until normal “business hours” the next day.*

Opening doors without a key

Losing or forgetting your key is a serious matter. You *may* be able to open your safe anyway, but only if the Lost Key Override feature has been enabled by your safe administrator.

When you call for a Lost Key Override Code, you must have the following information available.

- your Key number *or* your Employee Identification Number as stored in the Vindicator Lock.
- the date *as displayed* on your Vindicator Lock.

Note	Do not assume that the Vindicator Lock date and time are correct. Check the display before you call.
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You will also need the following information when you call. Press the HELP key on the Vindicator Lock front panel to get it.

- your Company Code
- your Location Code

To obtain a lost key override number

1. Call your authorized service provider.
2. Tell the service representative that you need a *Lost Key Override Code*.
3. Give the representative the information listed above.

The service representative will give you a 10-digit code number. Write it down and verify it with the representative.

To use the lost key override number

1. Enter the 10-digit code on the Vindicator Lock keypad and press the SEL key.
This action starts your log in. Continue logging in as if you had presented your key. The Vindicator Lock should operate normally.
2. Each time you use the Vindicator Lock, use your 10-digit code instead of presenting your key.

Note	The Lost Key Override number expires at midnight.
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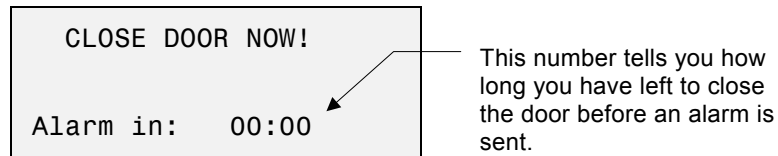
To obtain a new key

Contact your service provider for new keys. Your service providers number should be on the safe.

Closing the safe door

The Vindicator Lock will not permit you to keep the safe door open all day. When you open the safe you also start a timer that times how long the safe has been open.

If you don't close the door before the timer reaches zero, the Vindicator Lock warns you that the safe is open by showing the following display.

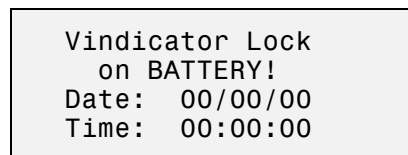


If you don't close the door before this counter reaches zero, the Vindicator Lock sends an alarm.

Battery Backup Indicator

If your Vindicator Lock II is equipped with a battery backup, it will operate even if the power fails.

The following message appears whenever power to the Vindicator Lock fails. It is normal for this message to appear during a power outage.



If this message appears but there is no power failure, make sure the safe is plugged in and that the circuit breaker hasn't been tripped.

If everything appears normal but this message is displayed, contact your safe administrator immediately. If the batteries run down completely, you will not be able to open the safe until the power problem is corrected.

Administration

If the word **ADMINISTRATION** appears on the list of options when you log in, you have permission to perform at least some administration procedures (though probably not all). Administration procedures are covered in the manual *Vindicator Lock Administrator's Guide**

*Also see the *Administrator's Guide* for enrolling and deleting keys.

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Vindicator[®] **Lock II**

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*The Vindicator Lock is compliant with FCC Subpart J, Part 15 Class A requirements for
EMI/RFI.*



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