

Battery: Maintenance

Battery Maintenance: Testing the Power

To check the battery level, press and hold the '6' and '8' key together on the keypad for 3 seconds. The status bar from left to right will glow GREEN or RED to indicate the battery level:

Remaining Battery Capacity Level
If 5 LEDs glow green: 80%-100%
If 4 LEDs glow green: 60%-80%
If 3 LEDs glow green: 40%-60%
If 2 LEDs glow green: 20%-40%
If 1 LED glows red: 10%-20%
If 1 LED blinks red: less than 10%

Battery Maintenance: Low Battery

If the first LED on the status bar blinks RED several times and you hear several rapid beeps when opening the safe, your battery level is critically low and your safe needs to be charged immediately.

Battery Maintenance: Soft Reset Tip!

In the event the battery dies or a soft reset is performed (battery removal and installation) the safe will restore default settings for DMT, interior light, sound, Nano Key, and Alert of Manual Unlock feature. These settings will need to be readjusted, however the master code and fingerprint scanner (NVTi Only) will not be affected.

IMPORTANT! Use a 3.7V 18650 rechargeable lithium-ion battery with a flat top. A minimum 2000 mAh capacity is required, however 2200 mAh or higher can be used to increase operation time.

IMPORTANT! The adapter used to charge the battery should output 5V/2000mA or above when using micro-USB cable.

For setup, tutorials, and FAQs visit www.vaulteksafe.com/support/vt-series/

Master Code Programming

First time users should change the default code as soon as possible to prevent unauthorized access to your safe.

Code Requirement Tips!

- Your code can be a minimum of 4 and a maximum of 8 digits. We recommend a code 6 to 8 digits in length using at least one of each key to make it more difficult for someone to guess your code. For your security, the safe will time out and sleep for 4 minutes if 6 incorrect entries are made.
- Two keys cannot be pressed simultaneously.
- Programming a new code will overwrite your previous code.
- Default master code is 1-2-3-4 on the keypad.

1 Open the safe. With the safe open, lift the protective "PROGRAM" cover (Figure D.1). Press and hold the '1' key then the "PROGRAM" button together (3 seconds) (see Figure D.1) until all status bar LEDs turn RED and let go.

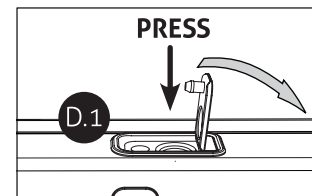
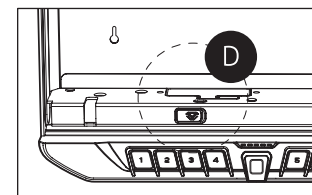
2 Enter your NEW master code.

3 IMMEDIATELY Press and hold the '1' key then the "PROGRAM" button together a second time (3 seconds) until all status bar LEDs turn RED and let go.

4 Enter your NEW master code a second time.

5 IMMEDIATELY Press and hold the '1' key then the "PROGRAM" button together a third time (3 seconds) until the safe beeps and all status bar LEDs turn GREEN and let go. This tone confirms that the code has been reset.

Troubleshooting! If you make a mistake and the new code will not work, simply start over with step 1.



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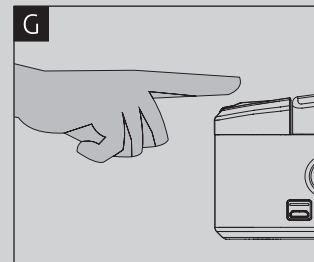
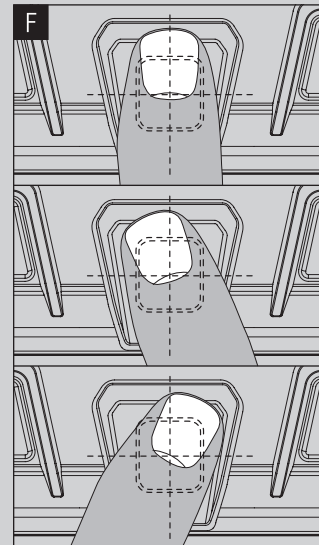
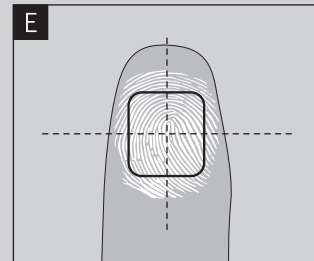
Biometric Scanner: Overview + Tips! (Biometric Model Only)

Biometrics are methods of authenticating the identity of a person based on physical or behavioral characteristics. Biometric fingerprint authentication refers to technology that measures and analyzes human physical characteristics for identification and authentication purposes.

Everyone has their own unique fingerprints, and what makes them unique is the pattern of ridges, valleys, and minutiae points that comprise an individual print. Vaultek® and their leading engineering group has developed proprietary technology to read and match fingerprints with unmatched speed and accuracy. That means that only authorized users have access to your valuables. The safe is capable of storing fingerprint data for up to 20 unique authorized users. A user consists of 5 scans of the same finger during registration. Once a user's fingerprint data is stored in the safe and encrypted, it cannot be copied or stolen.

Helpful Programming Tips!

- **Place the core of the fingerprint flat** (Figure E+F) over the center of the scanner (this allows the scanner to read where most of the fingerprint detail is located) see (Figure E).
- Adjust your finger slightly between scans for increased accuracy (see Figure F).
- Excessive moisture, lotions, or dirt will affect your fingerprint and may cause inaccurate sensor reading.
- **Troubleshooting!** If you are having difficulty with your print, program the same finger 4 or 5 times. You have 20 slots available for programming and you can also try your thumb as it has more surface area to read.



Biometric Scanner: Programming Admin Prints 1 and 2

The 1st and 2nd fingerprints will be recognized as administrative fingerprints and will be used to authorize additional users. To program additional users refer to the next page.

Tip! The first two enrolled fingerprints are admin prints, and are required to authorize enrolling additional users (3-20).

Tip! Each fingerprint requires 5 registration scans to be enrolled into the safe.

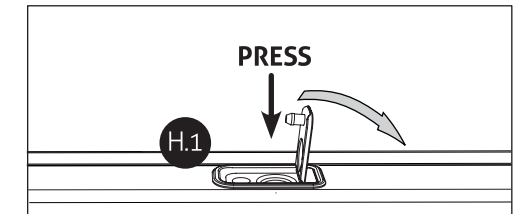
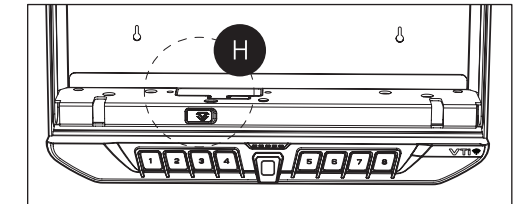
- 1 Open the safe. Program 1st fingerprint by pressing and holding the '2' key then the "PROGRAM" button together (3 seconds) (Figure H and H.1) until the first LED on the status bar located above the fingerprint sensor blinks RED.

Tip! If the entire status bar is blinking RED then refer to programming fingerprints 3-20 on next page.

- 2 Place your finger on the fingerprint scanner for the 1st of five scans. When the safe beeps and the first status bar LED lights up GREEN remove your finger.
- 3 Place finger again over the scanner until the safe beeps and the second status LED lights up GREEN and lift. You will repeat this process until all status bar LEDs (1-5) are solid GREEN.
- 4 Close lid and test to see if the safe will open using your fingerprint.

Tip! Repeat steps 1 through 4 to add the 2nd administrative fingerprint. To program prints (3-20) refer to page 11.

Troubleshooting! If you experience issues refer to the helpful programming tips listed on page 09 or view our tutorials online at vaulteksafe.com/support/vt-series/.



Biometric Scanner: Programming Additional Prints 3 to 20

The first two fingerprints programmed into the safe are the administrative fingerprints. Any additional users programmed require authorization from one of these fingerprints.

- 1 Open the safe. Program additional fingerprints by pressing and holding the '2' key then "PROGRAM" button together (3 seconds) (Figure H and H.1 on page 10). The entire status bar will blink RED prompting you to scan one of the administrative fingerprints.
- 2 Place one of the first two programmed administrative fingerprints on the scanner and remove when the safe beeps and the entire status bar blinks GREEN. When the first LED on the status bar starts blinking RED you can enroll a NEW fingerprint.

Tip! If the administrative print is left on the scanner too long the safe will begin to program that fingerprint into the safe again and not the NEW fingerprint. If this happens start over with step one.

- 3 Using the helpful programming tips provided on page 09 place the NEW finger on the scanner. When the safe beeps and the first LED in the status bar lights up GREEN remove your finger.
- 4 Place finger again over the scanner until the safe beeps and the second status LED lights up GREEN and lift. You will repeat this process until all status bar LEDs (1-5) are solid GREEN.

Tip! Repeat steps 1-4 to continue adding additional prints.

Troubleshooting! If you are having difficulty with your print, program the same fingerprint 4 or 5 times. You have 20 slots available for programming and you can also try your thumb as it has more surface area to read.

Continue on next page to learn how to delete fingerprints.

For setup, tutorials, and FAQs visit www.vaulteksafe.com/support/vt-series/

Biometric Scanner: Deleting Fingerprints

Individual fingerprints can not be deleted from the keypad on the safe. Following this procedure will erase all of the fingerprints including both administrative fingerprints. If you wish to delete individual fingerprints, refer to the Vaultek® Wi-Fi® app. This procedure will not affect the keypad master code.

- 1 Press and hold the '3' key then the "PROGRAM" button together until **all** the status bar LEDs light up RED and let go.
- 2 Enter your master code on the keypad. If the code is correct, all the status bar LEDs will blink GREEN and safe will beep indicating deletion of **all** the fingerprints.

Vaultek® Wi-Fi® Setup

Access online setup using the code on the right. Simply scan the code with your phone's camera or visit www.vaulteksafe.com/support/vt-series/ and select your model.

Tip! We suggest connecting your safe directly to the router using the Vaultek® WiFi app or with the router's WPS button. Once connected, view your safe's online dashboard at **dashboard.vaulteksafe.com**.

If you have any questions about your Vaultek® safe or need help configuring the system, please visit www.vaulteksafe.com/support/vt-series/ and or email our support team at support@vaulteksafe.com.



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Nano Key

Your Vaultek® safe supports quick access with the included Smart Key Nano. **Take caution when using this feature and be responsible. Security can be compromised in the event it is lost or stolen. Only pair Nano Key after thoroughly understanding the inherent risks.** Refer to page 16 for Nano Key warnings.

IMPORTANT! Before you can pair the Nano Key to your safe connect the pre-installed battery by removing the pull tab from the side of Nano Key (Figure I).

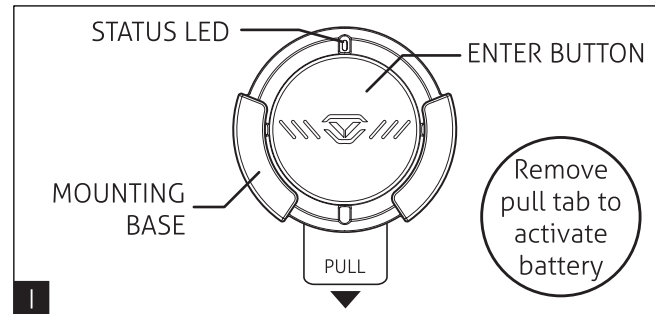
IMPORTANT! Nano Key should be mounted less than 6 feet away from safe for proper operation. Use in long range is not recommended as it may cause accidental opens.

Nano Key: Pairing (Three Steps)

IMPORTANT! Be sure to follow **ALL** steps 1 to 3 for proper function:

- 1 Press and hold the '5' key then "PROGRAM" button together (3 seconds) until all status bar LEDs blink RED.
- 2 Aim Key Nano towards the safe and press. If all the lights on the status bar glow GREEN and safe beeps, the Nano Key is paired successfully; if all lights on the status bar blink RED, the Nano Key failed to pair. In this case, simply start over with step 1.
- 3 **Set Nano Entry Mode:** After pairing, Nano Key Nano will be immediately active to test functionality, but then deactivate. Nano Key settings will need to be set to either On Demand or Progressive in order for Nano Key to open your safe. See next page for more information.

Troubleshooting! If Nano Key works for a moment then stops working after pairing then you need to start over with step 1. After pairing you must assign an entry mode to finalize the pairing sequence.



For setup, tutorials, and FAQs visit www.vaulteksafe.com/support/vt-series/

Continue on next page for more information about Nano Key.

Nano Key: Entry Modes

After pairing you can toggle between access modes from the keypad, Wi-Fi® smartphone app, or the online Web Dashboard. To toggle modes from the keypad press and hold the '6' key then "PROGRAM" button together. The status bar will communicate as directed below.

- OFF

- **Progressive Entry Mode:** Safe goes into sleep mode and will require you to wake up the safe before using Nano Key. You can wake up the safe by pressing any key or brushing your hand across the keypad of the safe (backlit keys will turn RED).

- **On Demand Entry Mode:** This mode grants immediate access to your safe without having to wake it up.

Warning! On Demand entry mode can open a safe in another room and/or out of sight. To reduce risk of an unattended open safe we recommend using Progressive entry mode.

On Demand entry mode requires significant power usage and can greatly reduce operation time. We suggest setting the Nano Key to Progressive entry mode to conserve battery, unless the safe is constantly plugged into a power outlet.

Nano Key: Unpairing

Tip! Disabling the Nano Key function from the Wi-Fi® app, Web Dashboard, or safe's keypad will NOT delete a paired Nano Key from the safe's memory. In the event a Nano Key is lost or stolen, you can delete the lost Nano Key from the safe's memory by using a couple different methods:

- A Press and hold '5' key then "PROGRAM" button together (3 seconds) until all status bar LEDs blink RED. This is the same sequence used when initially pairing. After the status bar LEDs blink RED for 6 seconds the safe will delete a paired Nano Key from memory.
- B Anytime a new Nano Key is paired with the safe, the previous key will be erased from the safe's memory.

Nano Key

Nano Key: Open Your Safe

You must be approximately 5-8 feet before pressing the enter button. If you are using PROGRESSIVE ENTRY mode, you will need to awaken the safe first. Simply brush your hand across the keypad to illuminate the keys and then press the enter button on your Nano Key to open your safe.

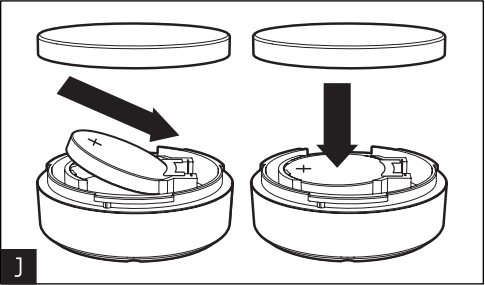
Nano Key: Multiple Safe Management

- Multiple Nano Keys can not pair with the same safe. It is recommended to pair one Nano Key per safe.
- Recommended setting when using the Nano Key is Progressive entry mode.
- You can manage multiple safes through the Vaultek® Wi-Fi® smartphone app.
- **CAUTION** when managing multiple safes in On Demand entry mode there is a chance you can open all safes within range.

Nano Key: Battery Replacement

When Nano Key status LED flashes RED (3) times that indicates a low battery. Replace the battery per steps below:

- 1 Twist base of Nano Key counter clockwise to access compartment.
- 2 Remove old battery by firmly lifting up on its sides to release it from its clips. A small screwdriver can help pry the battery out if used carefully.
- 3 Insert a new model CR2032 battery positive side (+) facing up. Insert the battery edge under the brass clip first (Figure J), then press firmly into place (Figure J). Replace the battery cover and twist clockwise to tighten in place. The battery will not install correctly without first being placed under the brass clip. Damage to the remote may occur.



Nano Key: Mounting

The mounting base comes with double-sided tape allowing for quick and easy installation. Simply peel off the protective layer on the reverse side of the base, and place where desired.

Nano Key: Warnings

Take caution when using this feature and be responsible. Security can be compromised in the event Nano Key is lost or stolen. Only pair Nano Key after thoroughly understanding the inherent risks.

IMPORTANT install Nano Key in a secure location out of the hands of children and unauthorized people.

WARNING anyone including children can access the safe via Nano Key.

ALWAYS unpair the Nano Key in the event it is lost or stolen.

WARNING On Demand Entry Mode can open a safe in another room and/or out of sight. To reduce risk of an unattended open safe we recommend using Progressive Entry Mode.

IMPORTANT On Demand Entry Mode requires significant power usage and can greatly reduce operation time on a single charge. We suggest keeping the safe in Progressive Entry Mode. If using On Demand Entry Mode try keeping the safe plugged in.

Hot Keys Continued on next page.

Tamper Detection Press and hold '2' and '4'	To check for tampering press and hold keys '2' and '4' together for 3 seconds. The status bar will glow RED to indicate tampering or GREEN to indicate no tampering. You can reset the tamper detection by opening the safe through one of the authorized entry points.
Sound Press and hold '1' and '3'	To toggle the sound ON/OFF press and hold keys '1' and '3' together for 3 seconds. If the status bar glows GREEN and beeps, the sound is ON; if the status bar glows RED, the sound is OFF.

Hot Keys continue on next page.