Battery Maintenance

Testing the Battery Power

To check the battery level, press and hold '6' and '8' key together on the keypad for 3 seconds.

Low Battery

If the LED on the control panel 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 recharged immediately.

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, and the Smart Key. These settings will need to be readjusted, however the master code and fingerprint scanner 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.

A high capacity battery upgrade is available as an accessory through our website.

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

Master Code Programming

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

TIP: Code Requirements

• 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.

1 Enter default code 1-2-3-4 on the keypad to open your safe.

2 With the safe open, press and hold the '1' key then the "PROGRAM" button together (3 seconds)(Figure D) until the LCD screen prompts you to enter your new code.

3 Enter your NEW master code.

4 Press and hold the '1' key then the "PROGRAM" button together a second time (3 seconds) until the LCD screen prompts you to re-enter your new code.

5 Enter your NEW master code a second time.

FIGURE D

6 Press and hold the '1' key then the "PROGRAM" button together a third time (3 seconds) until the LCD screen confirms the code change is complete.

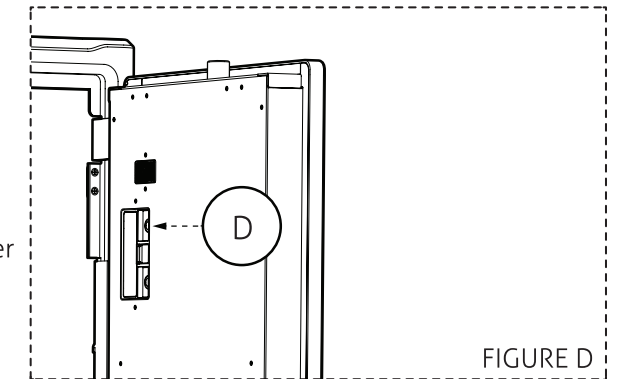If you make a mistake and the new code will not work, simply start over with step 2.
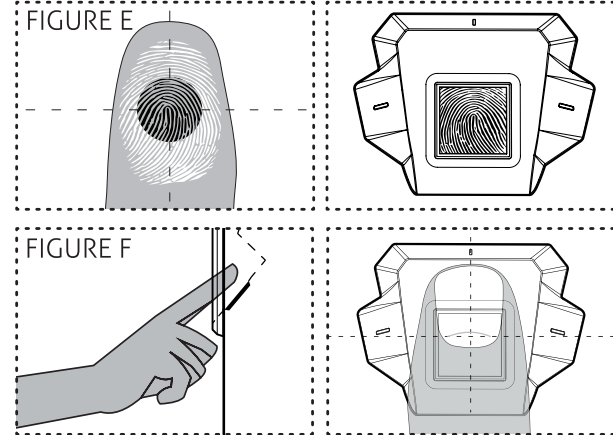
Smart Align Biometric Scanner

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. The smart align biometric system guides your finger placement for consistent and accurate results.

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 in line with the side LEDs (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.

• Excessive moisture, lotions, or dirt will affect your fingerprint and may cause inaccurate sensor reading.

• If you are experiencing difficulty try different fingers. Each finger is unique and some fingers, such as your thumb, contain more readable information than others.

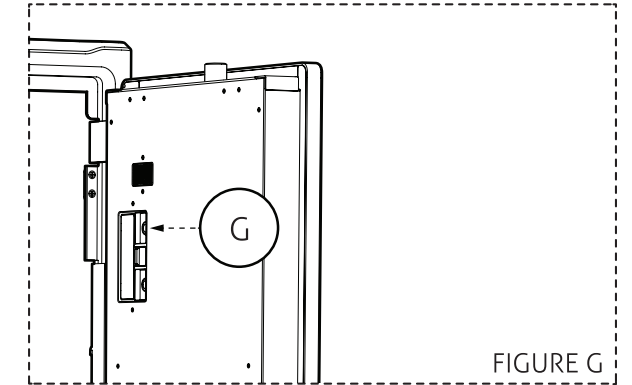• To increase success rate register the same fingerprint multiple times.

FIGURE E

FIGURE F

ATTENTION! (Figure F)

Position your finger flat against the scanner to increase the amount of readable information.

Programming the 1st and 2nd Fingerprints

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

1 Open the safe. Program 1st fingerprint by pressing and holding the '2' key then the "PROGRAM" button together (3 seconds)(Figure G) until the screen prompts you to scan the 1st of five scans.

2 Using the helpful programming tips provided on page 09 place your finger on the fingerprint scanner for the 1st of five scans. When the safe beeps, and the screen prompts the next scan remove your finger. If the screen indicates a failed to complete then start over with step 1.

3 Place finger again over the scanner until the safe beeps and the screen prompts the next scan and lift. You will repeat this process until all scans (1-5) are programmed.

G

FIGURE G

4 Close door and test to see if the safe will open using your fingerprint. If you experience issues refer to the helpful programming tips listed on page 09 or check our tutorials online at vaulteksafe.com/rswifiseries-support.

5 Repeat steps 1 through 4 to add the 2nd administrative fingerprint.

TUTORIALS ONLINE AT VAULTEKSAFE.COM/RSWIFISERIES-SUPPORT

Smart Align Biometric Scanner

Programming Additional Fingerprints 3-20

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' then "PROGRAM" button together (3 seconds)(Figure G on page 10). The screen will prompt 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 screen authorizes the print. You can now program 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 1.

3 Using the helpful programming tips provided on page 09 place the NEW finger on the scanner. When the safe beeps and the screen prompts the next scan remove your finger.

4 Place finger again over the scanner until the safe beeps and the screen prompts the next scan and lift. You will repeat this process until all scans (1-5) are programmed.

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, you must use the Vaultek® Wi-Fi® app or online dashboard. This procedure will not affect the keypad master code.

TIP! Fingerprints can also be temporarily disabled. Using the online Web Dashboard or Vaultek® Wi-Fi® app individual prints can be temporarily disabled and can not access the safe. This does not delete the fingerprint, only temporarily disables it until enabled again as needed.

1 Press and hold the '3' key then the "PROGRAM" button together until the safe beeps and the screen prompts you to enter your master code.

2 Enter your master code on the keypad. If the code is correct, the safe will beep and the screen will indicate deletion of all the fingerprints.

Smart Key Operation

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 Smart Key after thoroughly understanding the inherent risks.**
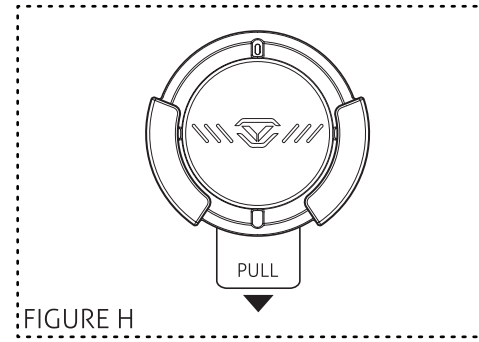
IMPORTANT

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

Smart Key Pairing

1 Press and hold the '5' key then "PROGRAM" button together (3 seconds) until the LCD screen indicates CONNECTING.

2 Aim Smart Key Nano towards the safe and press. If the safe beeps and the screen indicates COMPLETE then the Smart Key has paired successfully. If the screen indicates FAILED TO PAIR then simply start over with step 1.

3 **Set Entry Mode:** After pairing, Smart Key Nano will be immediately active to test functionality, but then deactivate. Smart Key settings will need to be set to either On Demand or Progressive in order for Smart Key to open your safe. See next page for more information.

PULL

FIGURE H

IMPORTANT Smart Key Nano 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.

TUTORIALS ONLINE AT VAULTEKSAFE.COM/RSWIFISERIES-SUPPORT

Toggle Smart 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 safe's keypad press and hold the '6' key then "PROGRAM" button together until the LCD screen indicates each mode as below.

OFF

Progressive Entry Mode Safe goes into sleep mode and will require you to wake up the safe before using Smart 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 Smart Key to Progressive entry mode to conserve battery, unless the safe is constantly plugged into a power outlet.

To Unpair Smart Key

NOTE: Disabling the Smart Key function from the Wi-Fi® app, Web Dashboard, or safe's keypad will NOT delete a paired key from the safe's memory. In the event a Smart Key is lost or stolen, you can delete the lost Smart 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 the LED flashes RED and the LCD screen indicates CONNECTING. This is the same sequence used when initially pairing. After the screen indicates FAILED TO PAIR the safe will delete a paired Smart Key from memory.

B Anytime a new Smart Key is paired with the safe, the previous key will be erased from the safe's memory.

Smart Key Operation

Multiple Safe Management

A Multiple safes can pair with the same Smart Key, but multiple Smart Keys can not pair with the same safe.

B Recommended setting when using the Smart Key is Progressive entry mode.

C Additionally, you can manage multiple safes through the Vaultek® Wi-Fi® smartphone app and Web Dashboard.
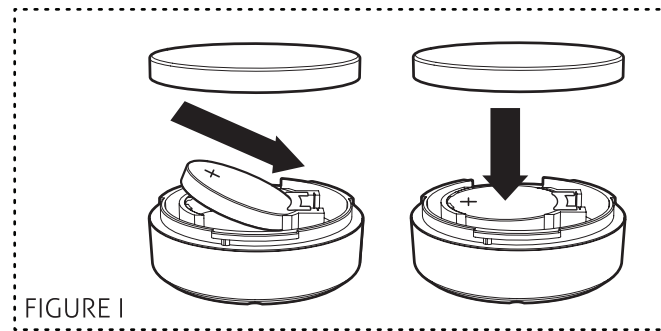
CAUTION when managing multiple safes in On Demand entry mode there is a chance you can open all safes within range.

Battery Replacement

The pre-installed battery will last approximately two years before requiring replacement. When needed follow the steps below to complete replacement.

1 Access the battery compartment by twisting the bottom battery cover counterclockwise, then remove the cover.

2 Remove the 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. Be sure and insert the battery edge under the brass clip first (Figure I), then press firmly into place (Figure I). Replace the battery cover and twist clockwise to tighten in place.

TIP! The battery will not install correctly without first being placed under the brass clip. Damage to the remote may occur.

FIGURE I

Smart Key Warnings

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

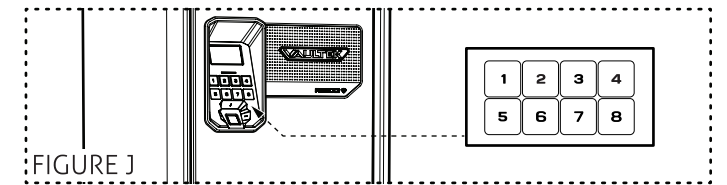**WARNING** anyone including children can access the safe via Smart Key.

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.

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

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 More Hot Keys on the next page.

Use the numeric keypad (Figure J) on the front of the safe to access the numerous Hot Key functions available.

| 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 |

FIGURE J

Tamper Detection
Press and hold '2' and '4'

To check for tampering press and hold keys '2' and '4' together for 3 seconds. The screen will indicate TAMPERING or CLEAR. You can reset the tamper detection by opening the safe through one of the authorized entry points. Tampering includes incorrect keypad entries as well as incorrect fingerprint scans.

Toggle Stealth Mode
Press and hold '1'and '3'

To toggle the sound ON/OFF press and hold keys '1' and '3' together for 3 seconds. The screen will indicate the sound is ON and beep or the screen will indicate OFF and not beep.

Toggle Travel Mode
Press and hold '1'and '8'

Save battery life by disabling the proximity sensor, fingerprint sensor, keypad, and status bar. To toggle travel mode ON/OFF press and hold keys '1' and '8' together for 3 seconds. The screen will indicate ENABLED or DISABLED.

Hot Keys

Toggle Open Door Alarm
Press and hold '3' and '5'

Your safe features an open door alarm that will sound when the safe door is left open for more than 6 minutes. By default, this alarm is ON. To toggle OFF press and hold keys '3' and '5' at the same time.

View Battery Status
Press and hold '6' and '8'

To check the battery level press and hold keys '6' and '8' together for 3 seconds. The screen will indicate the battery level. See pages 06 to 07 for more information.

Delete Fingerprints
Press and hold '3' then "PROGRAM" button then enter master code

To delete fingerprints press and hold the '3' key then "PROGRAM" button together until the safe beeps and the screen prompts you to enter your master code. Enter your master code on the keypad. If the code is correct, the safe will beep and the screen will indicate deletion of all the fingerprints. This will remove ALL the fingerprints. To delete individual fingerprints you can use the Vaultek® Wi-Fi® smartphone app or Web Dashboard.

Toggle Interior Light
Press and hold '5'and '7'

To toggle the interior light ON/OFF press and hold keys '5' and '7' together for 3 seconds. With the light toggled to ON you can press the LIGHT button inside the safe to illuminate the LED lights and you can also adjust the brightness from the Vaultek® Wi-Fi® smartphone app or Web Dashboard. If the light is toggled OFF the light will be disabled.

Toggle LCD Brightness
Press and hold '5'and '8'

The LCD screen has four brightness levels: 25%, 50%, 75%, and 100%. To toggle the LCD brightness press and hold '5' and '8' together for 3 seconds. The screen will indicate the brightness level.

View Temperature/Humidity
Press and hold '2' and '5'

Your Vaultek® safe has built in sensors to monitor the internal temperature as well as the relative humidity inside your safe. Press keys '2' and '5' together to display the information on your safe's LCD screen. You can also monitor the safe's temperature and humidity from the Vaultek® Wi-Fi® smartphone app and online Web Dashboard. You even have the option to set thresholds and be alerted of any significant changes.

Toggle Fahrenheit/Celsius
Press and hold '2' and '6'

By default, the safe will measure temperature in Fahrenheit. By pressing keys '2' and '6' together you can toggle the display to show temperature in either Fahrenheit or Celsius.

Toggle Smart Key Modes
Press and hold '6' then "PROGRAM" button

Smart Key has THREE modes: OFF, Progressive Entry Mode, and On Demand Entry Mode. **OFF** disables Smart Key access. **Progressive Entry Mode** requires that you wake the safe first (keypad illuminates red) and then activate the Smart Key. **On Demand Entry Mode** grants immediate access when activating the Smart Key. Pressing and holding the '6' key then "PROGRAM" button together for 3 seconds will allow you to toggle through each mode from the keypad. You may also alternate modes in the Vaultek® Wi-Fi® app or Web Dashboard.

Toggle DMT Sensitivity
Press and hold '7' then "PROGRAM" button

Your Vaultek® safe has a built-in accelerometer and corresponding alarm that alerts of any attacking to your safe including bumps and impacts, DMT **(Impact Detection).** DMT is enabled by default and its sensitivity has three settings; Low, Medium, and High. You can toggle through these settings by pressing and holding the '7' key then "PROGRAM" button together for 3 seconds. The screen will indicate LOW, MEDIUM, and HIGH as well as DISABLED.

Toggle Dual Entry Mode
Press and hold '8' then "PROGRAM" button

To toggle the Dual Entry ON/OFF press and hold the '8' key then "PROGRAM" button together for 3 seconds. The screen will indicate ENABLED or DISABLED. If the Dual Entry is toggled ON, you will be required to enter your master code and fingerprint (and vice versa) to open the safe. This mode requires that at least one fingerprint be programmed into the safe.

Factory Reset
Press and hold '2' and '7' then "PROGRAM" button

Press keys '2' and '7' and PROGRAM together for 3 seconds. **IMPORTANT** The Factory Reset erases ALL programmed information and restores the safe to its default settings. This includes any network configurations and enrolled fingerprints. The master code is reset to 1-2-3-4 and the safe will restart. The safe must be configured again to work with the Vaultek® Wi-Fi® smartphone app and the Web Dashboard.