#### Safe & Vault Door User Manual



Congratulations on the purchase of your finely crafted Brown Safe. We sincerely appreciate the trust your

protecting your treasured valuables.

purchase represents and take great pride in securely

### **Setting Up Your Safe**

Setting A New Combination

Selecting A Location	02
Powering Interior Features	03
Alarm Wiring Diagrams	04
olt Down Instructions	
Concrete Floor	07
Wood Floor	09
Pial Lock	
Operating Tips	12
Operating Instructions	13

15

### **Electronic Lock**

	Operating Tips	20
	Operating Instructions	21
	Setting A New Combination	22
	Changing Batteries	23
	Sending Silent Distress Signal	24
3i	iometric Lock *For CHRONOS Biometric see next section.	0.5
	Operating Tips	25
	Operating Instructions	27
	Setting A Master Code	29
	Enrolling A Fingerprint For First Time	31
	Adding A New User	33
	Changing Entry Method	37
	Changing Batteries	40

### **CHRONOS Biometric Lock**

Operating Tips	43
Operating Instructions	45
Setting A Master Code	47
Enrolling A Fingerprint	49
Turning On/Off Display Backlight	52
Changing Batteries – Chronos Round Display	53
Changing Batteries – Chronos Long Display	55
Operating Tips	57
ault Door - Electronic Lock with Dial Lock Back Up	F 7
Operating Instructions	59
Electronic Lock - Setting A New Combination	
	60
Electronic Lock - Changing Batteries	60
Electronic Lock - Changing Batteries  Dial Lock - Operating Instructions	
	61
Dial Lock - Operating Instructions	61 62

3 Movement Mechanical Timelock	
Operating Instructions	67
Timelock Release	68
Silent Signal Alert	
Sending Signal Via Electronic Lock	69
Sending Signal Via Panic Button	70
Watch Winders	
Programmable Watch Winders	71
Rotorwind Watch Winders	77
Watch Winder Carousel	83
Safe Interior	
Adjusting Standard Interior Shelves	85
Adjusting Chronos Interior Shelves	87
Changing Drawer Inserts	89
Removing Drawer Detents	91
Removing Standard Drawers	93

Removing Undermount Drawers

# **Setting Up Your Safe**

Thank you for purchasing!

As the premier manufacturer of high quality safes and vaults built to a higher standard, Brown Safe commends your decision to invest in protecting your valuables.

Please take a moment to review this information and begin enjoying your new safe.

# **Setting Up Your Safe** - Selecting A Location

Here are a few tips to keep in mind when selecting a location for your new safe:

- Consider installing your safe in an accessible location where you can conveniently access your valuables.
- Allow enough room for the door to fully open and allow for unobstructed access to interior shelving and drawers.
- Avoid placing safe near foundation walls in a way that would create a gap of 8"-18" whenever possible. This will eliminate the ability to leverage the safe away from the wall using a car jack to rip the safe's base anchor bolts out of the flooring.
- Anchor the safe to the floor using the supplied anchor bolts. See *Bolt Down Instructions* for step by step process.

02

# **Setting Up Your Safe** - Powering Interior Features

If your new safe has any luxury features that require electricity, such as interior lights or watch winders, you'll need to plug in the cords exiting the back of safe to supply power to those features.

- 1. Locate the power cord(s) at back of safe on hinge side.
- 2. Unwrap and extend the cords, making sure they are free of any tangles or obstructions.
  - Note: Orbita watch winders require attachment of power adapter (stored within safe during shipping) to cord exiting back of safe.
- 3. Insert the plug(s) into an available A/C outlet.

  Note: Clients outside the U.S. will have the appropriate power adapter included.

# **Setting Up Your Safe** - Alarm Wiring Diagram

Safes equipped with a Panic Button or the Silent Signal alarm feature require integration with the home automation or home security systems. The grey four conductor cable exiting the back of safe on hinge side contains the necessary wiring to connect to the correct system.

Green Wire (Normally Closed)

Blue Wire (Common)

Yellow Wire (Normally Open)

Bolt Work Indicator

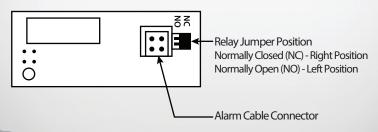
Red Wire ———— (Normally Closed) Connection for Panic Button/ Silent Signal

Note: Relay jumper switch can be switched to Normally Open if needed (see diagram on following page).

# **Setting Up Your Safe** - Alarm Wiring Diagram

The relay jumper switch is located under the boltwork cover and can be positioned to Normally Open if necessary.

Note: Normally Closed is the default position.



# **Setting Up Your Safe** - Chronos Alarm Wiring Diagram

Chronos Safes equipped with a Panic Button or the Silent Signal alarm feature require integration with the home automation or home security systems. The grey four conductor cable exiting the back of safe on hinge side contains the necessary wiring to connect to the correct system.

Black Wire (1) (Normally Open) Connection for Bolt Work Indicator

Black Wire (3) (Normally Open) Connection for Panic Button/ Silent Signal

Note: Black wires are numbered

### **Bolt Down Instructions** - Concrete Floor

- 1. Position safe in desired location and check for proper door swing clearance, making sure it does not interfere with interior drawers, concealment cabinetry, closet doors, etc.
- 2. When you are satisfied with the safes position, locate the bolt holes in the bottom of the safe and drill a 5/8" hole thru the right rear hole of the unit approximately ½" deeper than the length of the anchor. Be careful not to drill completely thru the slab.
  - \*If necessary remove safe interior floor plate or bottom drawers to expose bolt holes.
- 3. Clean hole of all excess concrete particles and dust.
- 4. With a bolt partly screwed into the anchor. Place it into hole and gently tap it completely to the bottom of the hole, then remove the bolt to expose the wedge.

#### **Bolt Down Instructions** - Concrete Floor

- 5. Set (expand) anchor by driving wedge down with a 3/8" diameter pin punch thru center of anchor with a hammer until it completely stops.
- 6. Place lock washer then flat washer on bolt and tighten down to 50 foot-pounds of torque (tight).
- 7. Repeat steps 2-6 on each of the remaining bolt holes.

#### Caution:

\*On safes too small to drill from inside, the holes will have to be marked and drilled with the safe set aside and then repositioned after the anchors are set.

\*Great care should be taken to ensure the holes do not move around as they are being drilled. It is often helpful to drill 3/16" pilot holes to prevent hole from drifting.

#### **Bolt Down Instructions** - Wood Floor

- Position safe in desired location and check for proper door swing clearance, making sure it does not interfere with interior drawers, concealment cabinetry, closet doors, etc.
- 2. When you are satisfied with the safes position, locate the bolt holes in the bottom of the safe and drill a 3/8" hole through the right rear hole of the unit approx. 2½" deep. \*If necessary remove safe interior floor plate or bottom drawers to expose bolt holes.
- 3. Place lock washer, then flat washer on bolt and tap gently to start bolt into hole, then tighten down until snug. Take care to not over tighten.
- 4. Repeat steps 2-6 on each of the remaining bolt holes.

#### **Bolt Down Instructions** - Wood Floor

#### Caution:

\*On safes too small to drill from inside, the holes will have to be marked and drilled with the safe set aside and then repositioned after the anchors are set.

\*Great care should be taken to ensure the holes do not move around as they are being drilled. It is often helpful to drill 3/16" pilot holes to prevent hole from drifting.

#### **Dial Lock**

The ideal choice for the traditionalist, the dial lock is a reliable and elegant means of providing secure access to your safe. No electronics means no maintenance, guaranteeing that you'll have years of trouble-free dependability.

#### Mechanical Dial Lock Features:

- Three combination wheels produces 1,000,000 possible combinations
- Integral relock trigger sets off relockers if lock is tampered with or punched.
- Brass wheels and lever offers long & dependable lock life.
- •Dialing tolerance = +/- .5 degrees

# **Dial Lock** - Operating Tips

Please keep these tips in mind when utilizing your dial lock:

- 1. Always use the line at the 12 o'clock position when dialing your combination. This line is known as the opening index. (See Figure 1. on page 14)
- Prior to opening the safe make sure the handle is turned completely to the locked position.
   Right side hinges = handle should be fully counter-clockwise.
   Left side hinges = handle should be fully clockwise.
- 3. Avoid putting pressure on the handle during combination entry as this may cause a locking bolt malfunction.
- 4. Once the correct combination is entered turn handle to open position.

  Right side hinges = Turn handle clockwise to open.

  Left side hinges = Turn handle counter-clockwise to open.
- 5. In the open position the safe's handle will rotate approximately 20 degrees.

## **Dial Lock** - Operating Instructions

- 1. Turn the dial left (CCW) passing the first number in the combination three times. Then stop exactly on the number the fourth time.
- 2. Turn the dial right (CW) passing the next number in the combination two times. Then stop exactly on the number the third time.
- 3. Turn the dial left (CCW) passing the last number in the combination one time. Then stop exactly on the number the second time.
- 4. Turn dial to the right (CW) until the dial completely stops (one revolution or less).
- 5. Turn safe handle to unlock and open door.

# **Dial Lock** - Operating Instructions

- Turn Left 4 times
- 3x Turn Right 3 times
- Turn Left 2 times
- Turn Right 1 time or less to unlock



\*To change the combination, you will need to know the existing combination and have a La Gard change key (p/n 1307).

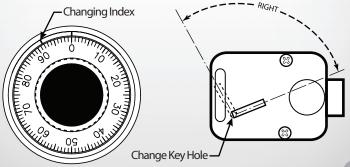
Caution: When selecting a combination, choose a three number sequence from 0 - 99. Never select numbers 89 to 20 as the last number of the combination. This is the "Forbidden Zone" and can cause the lock to malfunction.

For security purposes, do not select a combination easily attained from personal data such as birth date, phone number, etc.

- 1. Dial the existing combination using the line at the 11 O'clock position when dialing your combination. This line is known as the changing index. (Figure 2.)
- 2. STOP the dial on the third number of the combination

Figure 2.

3. Insert the change key into the change key hole. (Figure 3.) Note: If the change key does not go in easily, the wheels are not aligned. Repeat steps 1 - 3.



-16

Figure 3.

- 4. Turn the change key to the right (CW) one-quarter turn until the key stops. Leave the change key in the lock while setting the new combination.
- 5. Next turn the dial to the left (CCW) at least four complete rotations to clear the lock. The lock is now ready to accept the new combination.

Caution: Do not spin the dial to clear the lock.

6. Set the new combination using the changing index at the 11 O'clock position:



Turn the dial left (CCW) passing the first number in the combination three times. Then stop exactly on the number the fourth time.

- Turn the dial right (CW) passing the next number in the combination two times. Then stop exactly on the number the third time.
- Turn the dial left (CCW) passing the last number in the combination one time. Then stop exactly on the number the second time.
- 7. Hold the Dial to prevent movement and turn the change key to the left (CCW) one quarter turn.
- 8. Remove the change key. The new combination is now set.
- 9. Test the new combination several times with the door open before locking the safe.

#### **Electronic Lock**

The electronic lock is our most popular lock due to its simplicity and ease of use. This industrial grade keypad lock offers convenience second to none and has proven it's worth over many years of both commercial and residential service.

#### Electronic Lock Features:

- U. L. listed Group 2 high security lock
- Wrong try penalty initiates lockout mode for 5 minutes after 3 incorrect entry codes.
- External battery compartment is conveniently accessible under keypad and utilizes standard 9-volt batteries.
- Made in the U.S.A.

# **Electronic Lock -** Operating Tips

Please keep these tips in mind when utilizing your electronic lock:

- 1. After 3 incorrect entry codes the lock will timeout for 5 minutes.
- 2. Avoid putting pressure on the handle during combination entry as this may cause a locking bolt malfunction.
- 3. Once the correct combination is entered you'll have 3 seconds to turn the safe's handle.
- 4. Prior to opening the safe make sure the handle is turned completely to the locked position.

  Right side hinges = handle should be fully counter-clockwise.

  Left side hinges = handle should be fully clockwise.
- 5. In the open position the safe's handle will rotate approximately 20 degrees.

## **Electronic Lock** - Operating Instructions

- 1. Enter 6 digit combination using lock keypad.

  The lock will signal a valid combination entry with a double signal.
- 2. Turn safe handle to unlock and open door.

#### Note:

- Repeated beeping during an opening indicates that the battery is low and should be replaced.
- Invalid combination entry: Lock signals three times.
- Wrong try penalty entry of three consecutive invalid combinations will initiate a 5 minute lock out period, during which time the LED flashes red at 10 second interval.

## **Electronic Lock** - Setting A New Combination

- \*Always change combination with door open
- 1. Enter six zeros.
- 2. Enter existing 6 digit combination.
- 3. Enter new 6 digit combination two times consecutively.
- 4. \*Before closing door\* Test new combination to verify proper operation.

Note: Locking bolts need to be retracted prior to shutting door.

## **Electronic Lock** - Changing Batteries

- 1. Remove keypad by gently lifting straight up and tilting back. \*Caution keypad cable only has a few inches of free length.
- 2. Connect one 9-Volt Alkaline battery (Duracell only) to each battery clip.
- 3. Insert batteries into bottom of housing.
- 4. Replace by placing the keypad on its mounting pins and sliding down until keypad is firmly locked into position.





# **Electronic Lock** - Sending Silent Distress Signal

\*Only available if silent signal alarm lock feature was purchased.

1. To trigger silent signal alarm, enter existing combination varying the last digit up by one number.

#### Example:

Standard Combination: 1-2-3-4-5-6 To Trigger the Alarm: 1-2-3-4-5-7

Note: This will open the safe as usual, but will send the silent duress signal to the authorities.

# **Biometric Lock** - Operating Tips

The Biometric Lock offers the ultimate in security and convenience. Without a combination to remember or to be compromised, all that's necessary to securely gain access to the safe is your fingerprint.

Please keep these tips in mind when utilizing your biometric lock:

- 1. Press any button to turn on the lock.
- 2. The Master Code must contain 8 digits or letters.
- 3. The Master Code is only used for programming. It does NOT unlock the safe.
- 4. All User Codes must contain 6 digits or letters.
- 5. Keep the safe door in the open position when changing the lock code or fingerprint, and check lock function several times before closing the safe door.

# **Biometric Lock** - Operating Tips

- Periodically clean the fingerprint sensor with a dry cloth to ensure accurate readings.
- 7. Avoid putting pressure on the handle during combination entry as this may cause a locking bolt malfunction.
- 8. Once the correct combination is entered you'll have approx. four (4) seconds once code is accepted (lock displays: LOCK OPEN) to turn the safe's handle.
- 9. Prior to opening the safe make sure the handle is turned completely to the locked position.
  - Right side hinges = handle should be fully counter-clockwise. Left side hinges = handle should be fully clockwise.
- 10. In the open position the safe's handle will rotate approximately 20 degrees.

## **Biometric Lock** - Operating Instructions

#### **Unlocking with User Code**

- 1. Press any button, lock will display **ENTER CODE**.
- 2. Enter 6 digit code, it will signal twice and display LOCK OPEN
- 3. Turn handle and open door.

Note: Do not apply pressure to handle prior to lock display stating LOCK OPEN.

Note: The lock will remain unlocked for 4 seconds to allow time to open the safe, after which it will automatically re-lock once the handle is turned back to the locked position.

## **Biometric Lock** - Operating Instructions

### **Unlocking with Fingerprint**

- \*This function can only be used once a finger is enrolled and the entry method is set to a fingerprint reading mode.
- 1. Press **P** (or button on front of lock housing), the lock will beep twice, then press **P** again.
- 2. Place finger on sensor (lock will signal with one short beep, followed by two long beeps).
- 3. Turn handle and open door.

Note: Do not apply pressure to handle prior to lock display stating LOCK OPEN.

Note: The lock will remain unlocked for 4 seconds to allow time to open the safe, after which it will automatically re-lock once the handle is turned back to the locked position.

## **Biometric Lock** - Setting Master Code

- 1. Press any button to turn on lock.
- 2. Press and hold **0** digit until displays reads **MASTER CODE**.
- 3. Enter 0 digit eight (8) times.
- 4. Enter your existing eight (8) digit Master Code one time.
- Enter your NEW eight (8) digit Master Code two times.If a valid code is entered the display will show MASTER CODE UPDATED.

Note: Test lock operation several times before closing the door. In case of a mistake, display will show CONFIRM CODE, NOT MATCH and the old code will still be valid. Wait thirty seconds and repeat steps above.

## **Biometric Lock** - Setting User Code

- 1. Press any button to turn on lock.
- 2. Enter **0** digit six (6) times when displays reads **ENTER CODE**.
- 3. Enter your existing six (6) digit User Code one time.
- 4. Enter your NEW six (6) digit User Code two times.
  If a valid code is entered the display will show
  CODE CHANGED!

Note: Test lock operation several times before closing the door. In case of a mistake, display will show CONFIRM CODE, NOT MATCH and the old code will still be valid. Wait thirty seconds and repeat steps above.

# **Biometric Lock** - Enrolling Fingerprint for the First Time

- 1. Press any button, lock will display **Enter Code**.
- 2. Press and hold **0** digit until displays reads **Master Code**.
- 3. Enter 8 digit master code.
- 4. Press **P** six (6) times to select the User Menu, the display will show **USERS ON/OFF?**
- 5. Press **OK** to view the User status, the display will show **USERS ON/OFF, (XX XX)**.
- 6. Enter User ID 02, display will show USER ID = 2, DISABLE?
- 7. Press **P** four (4) times, display will show **USER ID = X, RE-ENROLL?**
- 8. Press **OK**, display will show **FINGERPRINT NUMBER = 1**.

#### **Biometric Lock** - Enrolling Fingerprint for the First Time

- 9. Press **OK**, the display will show, **SCAN YOUR FINGER** then **2nd SCANNING** and then **3rd SCANNING**.
  - Finger should be lifted after each scan, then quickly replaced so that three separate scans are made.
- 10. Once scanning is completed, the display will show **ANOTHER FINGER**.
  - The system offers the option of scanning up to three (3) fingers for each User or the Manager.
  - Repeat this procedure for each fingerprint to be enrolled for this User.
- 11. Press **OK** to confirm and enroll another fingerprint or **P** to exit, display will show **FINGERPRINT**, **SUCCESS**.

Congratulations you have successfully enrolled a fingerprint!

- 1. Press any button, lock will display **ENTER CODE**.
- 2. Press and hold **0** digit until displays reads **MASTER CODE**.
- 3. Enter 8 digit master code.
- 4. Press **P** six (6) times to select the User Menu, the display will show **USERS ON/OFF?**
- 5. Press **OK** to view the User status, the display will show **USERS ON/OFF, (XX XX)**.
- 6. Enter User ID (XX) of 03 or greater, display will show **USER ID = X, INSTALL?**
- 7. Press **OK** to install User, the display will show **NEW CODE, X-X-X-X-X.**

- 8. Enter a new six (6) digit code, display will show **CONFIRM NEW, X-X-X-X-X.**
- 9. Enter new six (6) digit code a second time to confirm, display will show **ACCESS LOCK**, -----.

Note: If the lock is set to Code Only, steps 10 and 11 will not appear. Fingerprint mode needs to be enabled before you can enroll a fingerprint. Please refer to the directions for Changing Operating Modes to enable fingerprint scanning.

 Enter 1 and press OK, display will show FINGERPRINT NUMBER = 1 then SCAN YOUR FINGER.

Continue to the next page for additional instructions.

11. Place finger on the reader. It will beep once and begin scan, then the lock will beep again and the display will show, 2nd SCANNING, followed by the final beep and 3rd SCANNING.

Note: Finger should be lifted after each scan, then quickly replaced so that three separate scans are made.

# 12. Once scanning is completed, the display will show **ANOTHER FINGER?**

- The system offers the option of scanning up to three (3) fingers for each User or the Manager.
- Repeat this procedure for each fingerprint to be enrolled for this User
- Note: If safe/vault is equipped with Silent Signal Alarm the 3rd finger enrolled will be used as the "duress finger".

- 13a. Standard Locks (not equipped with silent signal alarm):
  Press **OK** to confirm and enroll another fingerprint or **P** to bypass, display will show **USER IS, MANAGER?**
- 13b. Locks Equipped with Silent Signal Alarm:
  Press **OK** to confirm and enroll 2nd fingerprint.
  Press **OK** to confirm and enroll 3rd fingerprint.
  Once the 3rd finger is enrolled display reads: **FINGER 3 IS DURESS?**
- 14. Press **OK** to accept or **P** to bypass, display will show, **TIME DELAY, OVERRIDE?**
- 15. Press **OK** to accept or **P** to bypass, display will show, **USER = X, INSTALLED!**

#### **Biometric Lock** - Changing Entry Method

- 1. Press any button, lock will display **ENTER CODE**.
- 2. Press and hold 0 digit until displays reads MASTER CODE.
- 3. Enter 8 digit master code.
- 4. Press **P** five (5) times to **SYSTEM SETUP**.
- Press **OK** to select this function, display will show **LOCK INSTALL**.
- 6. Press **P** three (3) times, display will show **SYSTEM OPER. MODE**.
- 7. Press **OK** to enter the Menu, display will show **USER CODE**.

#### **Biometric Lock** - Changing Entry Method

8. Press **P** to scroll through operation options.

#### **Standard operating modes:**

- USER CODE (default): 6 digit code is used to open lock.
- FINGER ONLY: A fingerprint is used to open lock.

#### **Optional operating modes:**

- 2 USER CODE: Two user codes must be used to open lock.
- FINGER + CODE: Both a fingerprint and user code must be used to open lock.
- 2FINGERS: Two fingerprints must be used to open lock.
- 2FINGERS + CODE: Two fingerprints and a user code must be used to open lock.

#### **Biometric Lock** - Changing Entry Method

- 9. After scrolling to appropriate operation, press **OK** to select, display will show **SYSTEM OPER. MODE**.
- 10. Press **P** three (3) times to esc from menu.
- 11. Press **OK** to select, display will show **SYSTEM SETUP**.
- 12. Press **P** four (4) times, display will show **Do YOU WANT TO QUIT?**
- 13. Press OK.

Your desired entry method is now set.

How to recognize when the lock batteries need replacing:

- Lock will display WARNING! BATTERY LOW
   Note: If lock continues to show WARNING! BATTERY LOW after batteries are replaced. Enter combo and unlock safe to reset.
- If you notice a distinct change in the pitch of the beeps.
- Erratic or inconsistent lock operation.
- If the lock beeps 20 times rapidly when you try to open it, but remains locked, then it is time to change the batteries.

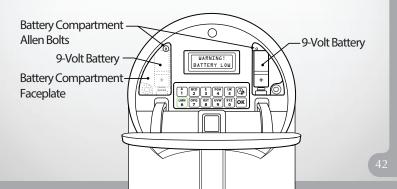
Continue to the next page for instructions.

- 1. Open the front access door of the entry display to reveal the lock keypad and battery compartment covers.
- 2. Unscrew the allen bolts on both sides of the lock keypad which secure the faceplates of the two battery compartments.

Note: 1/16" hex driver included with safe.

- 3. Remove the faceplates of both battery compartments.
- 4. Unsnap the wired leads and replace the two 9-volt alkaline batteries.
- 5. Insert batteries back into compartment and Re-attach faceplate cover with the two allen bolts.

Note: If lock continues to show WARNING! BATTERY LOW after batteries are replaced. Enter combo and unlock safe to reset the lock.



#### **CHRONOS Biometric Lock**

The Biometric Lock offers the ultimate in security and convenience. Without a combination to remember or to be compromised, all that's necessary to securely gain access to the safe is your fingerprint.

Please keep these tips in mind when utilizing your biometric lock:

- 1. Begin all code entry or programming processes by pressing the START button.
- 2. All codes must contain 6 digits or letters.

  Note: Any digit or letter can be used as many times as you wish.
- 3. Press the #▼ key after entering your code to signal the lock you have finished entering all the digits.
- 4. If an incorrect digit was entered press the \*\ key to erase the last digit entered.
- 5. Keep the safe door in the open position when changing the lock code or fingerprint, and check lock function several times before closing the safe door.

#### **CHRONOS Biometric Lock** - Operating Tips

- 6. Periodically clean the fingerprint sensor with a dry cloth to ensure accurate readings.
- 7. After approximately 10 seconds of inactivity the keypad will automatically turn off.
- 8. Avoid putting pressure on the handle during combination entry as this may cause a locking bolt malfunction.
- 9. Once the correct combination is entered you'll have 6 seconds to turn the safe's handle.
- 10. Prior to opening the safe make sure the handle is turned completely to the locked position.
  Right side hinges = handle should be fully counter-clockwise.
  Left side hinges = handle should be fully clockwise.
- 11. In the open position the safe's handle will rotate approximately 20 degrees.

## **CHRONOS Biometric Lock** - Operating Instructions

Opening The Biometric Lock In Either Fingerprint or PIN Mode

1. Press the START button.

Note: After about 1.5 seconds the display will prompt you to place finger or enter PIN and the keypad's green LED will light up.

2. Place your finger on the sensor until the green LED goes off, or enter your 6-digit PIN followed by the #▼ button.

Note: If an incorrect digit was pressed while entering your 6-digit PIN press the \*\* key to erase the last digit entered.

# **CHRONOS Biometric Lock** - Operating Instructions

3. The display will read LOCK OPEN.

Note: Do not put any pressure on the safe handle until after the LCD displays LOCK OPEN.

4. Turn safe handle fully and open door.

Note: The lock will remain unlocked for 6 seconds to allow time to open the safe, after which it will automatically re-lock once the handle is turned back to the locked position.

# **CHRONOS Biometric Lock** - Setting Master Code

- 1. Press START
- 2. Press ▲\* and enter your lock's default master code followed by the #▼ key.
- 3. Press ▲\* or #▼ to scroll to *Lock Setup*
- 4. Press  $(2_{ABC})$  on keypad to open **Lock Setup**
- 5. Press ▲\* or #▼ to scroll to *Lock Program*
- 6. Press  $(2_{ABC})$  on keypad to open **Lock Program**

#### **CHRONOS Biometric Lock** - Setting Master Code

- 7. Press ▲\* or #▼ to scroll to *Master Code*
- 8. Press  $\Im_{\text{DEF}}$  on keypad to select *Master Code*
- 9. Display will prompt you to enter your new six digit master code followed by the #▼ key.
- 10. Then you will be prompted to enter the new master code followed by the (#▼) key again.
- 11. The red light will blink several times and display *New Master Code Set*

## **CHRONOS Biometric Lock** - Enrolling A Fingerprint

1. Press START

2. Press ▲\* and enter your lock's default master code followed by the (#▼) key.

Note: If you have not yet set your own master code, then enter the default master code.

- 3. Press ▲\* or #▼ to scroll to *Fingerprint Setup*
- 4. Press 3<sub>DEF</sub> on keypad to open *Fingerprint Setup*
- 5. Press ▲\* or #▼ to scroll to *Enroll*

## **CHRONOS Biometric Lock** - Enrolling A Fingerprint

- 6. Press  $2_{ABC}$  on keypad to open *Enroll*
- 7. Enter a user ID followed by the #▼ key
  \*Each fingerprint must be associated with a numerical position.
  Example: Entering 1# would enroll your fingerprint in the 1st position and 2# in the 2nd position.
- 8. Enter User Code followed by the [#▼] key
  Note: You can set the user code to be the same as the master
  code. The code associated with the 1st position is always the
  master code. The user code associated with each fingerprint
  will also open safe if the fingerprint is unavailable.
- 9. The green light will illuminate as you are prompted to place your finger on the sensor.
- 10. Next the display will prompt you to remove your finger.

## **CHRONOS Biometric Lock** - Enrolling A Fingerprint

11. Repeat Steps 9 & 10 two more times when prompted by the display.

Note: The Sensor will take a total of three readings of your fingerprint.

12. When finished the display will read Enrolled Successfully

#### CHRONOS Biometric Lock - Turning On/Off Backlight

1. Press START

- 2. Press ▲ \* and enter your code followed by the (#▼) key
- 3. Press ▲\* or #▼ to scroll to *Display Setup*
- 4. Press 1 Q keypad to open *Display Setup*
- 5. Press ▲\* or #▼ to scroll to *LCD Backlight*
- 6. Press  $2_{ABC}$  on keypad to select **LCD Backlight**
- 7. Press  $\blacktriangle *$  or  $\# \blacktriangledown$  to scroll to **Enable** or **Disable**
- 4. Press  $\boxed{1}_{\mathbb{Q}}$  on keypad to select **Enable** or press  $\boxed{2}_{ABC}$  on keypad to select **Disable**

#### **Chronos - Round Display**

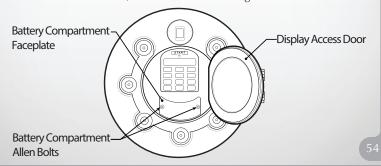
- 1. Open the front access door of the entry display to reveal the lock keypad and battery compartment cover.
- 2. Unscrew the two allen bolts below the lock keypad which secure the faceplate of the battery compartment.

Note: 1/16" hex driver included with safe.

- 3. Remove the faceplate of the battery compartment.
- 4. Unsnap the wired leads and replace the two 9-volt alkaline batteries.
- 5. Insert batteries back into compartment and Re-attach faceplate cover with the two allen bolts.

How to recognize when the lock batteries need replacing:

- If you notice a distinct change in the pitch of the beeps.
- Erratic or inconsistent lock operation.
- If the lock beeps 20 times rapidly when you try to open it, but remains locked, then it is time to change the batteries.



#### **Chronos - Long Display**

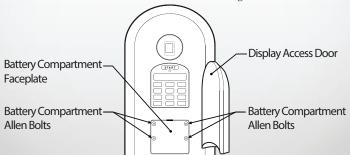
- 1. Open the front access door of the entry display to reveal the lock keypad and battery compartment cover.
- 2. Unscrew the four allen bolts below the lock keypad which secure the faceplate of the battery compartment.

Note: 1/16" hex driver included with safe.

- 3. Remove the faceplate of the battery compartment.
- 4. Unsnap the wired leads and replace the two 9-volt alkaline batteries.
- 5. Insert batteries back into compartment and Re-attach faceplate cover with the two allen bolts.

How to recognize when the lock batteries need replacing:

- If you notice a distinct change in the pitch of the beeps.
- Erratic or inconsistent lock operation.
- If the lock beeps 20 times rapidly when you try to open it, but remains locked, then it is time to change the batteries.



#### Vault Door Lock - Electronic Lock with Dial Lock Backup

Brown Safe vault doors utilize a highly secure double lock system for controlling access. With this system an electronic keypad lock is used as well as a mechanical dial lock to provide the user with the highest degree of security and reliability.

#### Electronic Lock Features:

- U. L. listed Group 2 high security lock
- Wrong try penalty initiates lockout mode for 5 minutes after 3 incorrect entry codes.
- External battery compartment is conveniently accessible under keypad and utilizes standard 9-volt batteries.

#### Mechanical Dial Lock Features:

- 3 combination wheels produces 1,000,000 possible combinations
- Integral relock trigger sets off relockers if lock is tampered with
- Brass wheels and lever offers long & dependable lock life.
- Dialing tolerance = +/- .5 degrees

#### **Vault Door Lock** - Operating Tips

Please keep these tips in mind when utilizing your electronic lock:

- 1. After 3 incorrect entry codes the lock will timeout for 5 minutes.
- 2. Avoid putting pressure on the handle during combination entry as this may cause a locking bolt malfunction.
- 3. Once the correct combination is entered you'll have 3 seconds to turn the safe's handle.
- 4. Prior to opening the safe make sure the handle is turned completely to the locked position.

  Right side hinges = handle should be fully counter-clockwise.

  Left side hinges = handle should be fully clockwise.
- 5. In the open position the safe's handle will rotate approximately 90 degrees.

#### **Vault Door Lock** - Operating Instructions

- 1. Enter 6 digit combination using electronic lock keypad. *The lock will signal a valid combination entry with a double signal.*
- 2. Turn combination dial one turn clockwise until dial stops.

Note: Dial normally stops between 10 and 90. Once code is entered you have 3 seconds to turn Dial to open position.

- Tip Turn dial to 50 prior to entering combination to facilitate a quick & easy turn to open position.
- 3. Turn safe handle to unlock and open door.

#### Note:

- Repeated beeping during an opening indicates that the battery is low and should be replaced.
- Invalid combination entry: Lock signals three times.
- Wrong try penalty entry of three consecutive invalid combinations will initiate a 5 minute lock out period, during which time the LED flashes red at 10 second interval.

#### **Vault Door Lock** - Setting A New Combination

\*Always change combination with door open

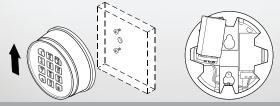
#### **Electronic Lock**

- 1. Enter six zeros.
- 2. Enter existing 6 digit combination.
- 3. Enter new 6 digit combination two times consecutively.
- 4. \*Before closing door\* Test new combination to verify proper operation.

Note: Locking bolts need to be retracted prior to shutting door.

#### **Vault Door Lock** - Changing Batteries

- 1. Remove keypad by gently lifting straight up and tilting back. \*Caution keypad cable only has a few inches of free length.
- 2. Connect one 9-Volt Alkaline battery (Duracell only) to each battery clip.
- 3. Insert batteries into bottom of housing.
- 4. Replace by placing the keypad on its mounting pins and sliding down until keypad is firmly locked into position.



#### **Vault Door Lock** - Dial Lock Operating Instructions

\*Always use the line at the 12 o'clock position when dialing your combination. This line is known as the opening index.

- 1. Turn dial five times counter clockwise to your first combination number.
- 2. Turn dial clockwise passing second combination number twice and stopping on the number the third time.
- 3. Turn dial counter clockwise passing third combination number once and stopping on the number the second time.
- 4. Turn dial clockwise until the dial completely stops (one revolution or less).
- 5. Turn safe handle to open door.

Note: See pages 13-14 for a diagram.

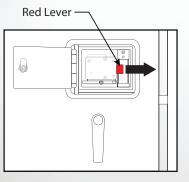
# **Vault Door Lock** - Inner Escape Device Operation

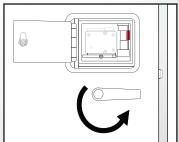
Brown Safe vault doors equipped with an inner escape device enable the user to open the vault door from inside the vault. Follow the instructions below to learn how to operate the inner escape device.

- 1. Unlock and open the cover of the inner escape device to access the opening mechanism.
- 2. Locate the red lever
- 3. Move the red lever towards the opening side of vault door until it stops.
- 4. Turn handle towards the opening side of vault door until it stops and open door.

Note: Handle rotates approximately 90 degrees.

# **Vault Door Lock** - Inner Escape Device Operation





### **Vault Door Lock** - Panic Slide Latch Operation

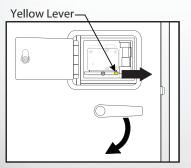
Brown Safe vault doors equipped with a panic slide latch allow the vault to be used as a panic room. Follow the instructions below to engage a lock out feature from the interior of the vault.

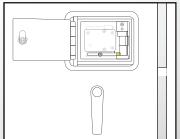
- 1. Close the vault door and turn the handle to engage the locking bolts.
- 2. Unlock and open the cover of the inner escape device to access the locking mechanism.
- 3. Locate the yellow lever on the panic slide latch.
- 4. Move the yellow lever towards the opening side of vault door until it stops.

Note: Take note that the yellow lever covers the locking mechanism so that it can no longer move.

#### Vault Door Lock - Panic Slide Latch Operation

5. The vault door will now remain locked until the yellow lever is moved back into the open position.





#### **3 Movement Mechanical Timelock**

1. Insert winding key through hole in timelock cover directly below time movement.

Note: Be sure key is fully inserted before winding.

2. Rotate key to set desired amount of time the safe lock is to remain inoperable.

Note: Each mark on the dial represents one hour.

- 3. Repeat steps 1-2 for each movement. Set the dials to the same amount of time for redundancy.
- 4. Depress set switch in center of timelock cover to engage. The timelock is now in the locked position.

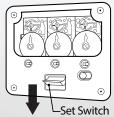
Note: Once pressed and the door closed the safe cannot be opened until the set amount of time has elapsed.

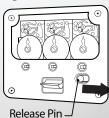
#### 3 Movement Mechanical Timelock

**Timelock Release:** As a safety feature the timelock can be changed to the unlocked position. A manual release pin is located on the right side of the cover next to the engage switch used to set the timelock. Slide the manual release pin to the right to disengage the timelock.

Note: This only disengages the timelock operation. The movements will not zero and will need to wind down the set amount of time if a mistake in programming was made.







# **Silent Signal Alert**

Triggered by either a hidden button or an alternate unlock entry code, safes equipped with the silent signal alert feature interface directly with the alarm or home automation system to send an undetectable alert to notify security authorities in the event that the safe owner is forced to open the safe against their will.

### Sending a Distress Signal via Electronic Lock:

\*Only available if silent signal alarm lock feature was purchased.

To trigger silent signal alarm function, enter existing combination varying the last digit up by one number.

#### Example:

Standard Combination: 1-2-3-4-5-6 To Trigger the Alarm: 1-2-3-4-5-7

Note: See page 4 for initial silent signal setup guide.

### **Silent Signal Alert**

#### Sending a Duress Signal via Hidden Panic Button:

- 1. Unlock safe and open door normally.
- 2. Locate hidden panic button on interior of door near the locking bolts.
- 3. Press the hidden panic button to send an alert to your home monitoring system to immediately notify security authorities.

Orbita Programmable winders allow the user to designate winding cycles of 650, 800, 950 or 1300 Turns Per Day, with a choice of clockwise, counter-clockwise or automatic reversing rotation.

### **Mounting Watches:**

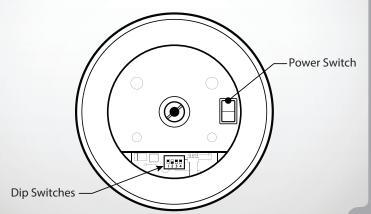
- 1. Remove winder cup by pulling straight out from face of watch panel.
- 2. Remove watch cushion from winder cup.
- 3. Securely mount watch to cushion and insert into winder cup.
- Replace winder cup back inside winder housing by pushing straight in as you rotate the cup until it seats fully in winder housing.

Note: Alternative size watch cushions are available if needed.



#### **Turning On/Off Power to Watch Winders:**

- \* Each winder has its own independent power switch so that they can be individually controlled.
- 1. Remove winder cup by pulling straight out from face of watch panel.
- 2. Locate toggle switch inside winder housing.
- 3. Turning ON winder: Toggle toward the On (line) position to supply power to the winder.
  - Turning OFF winder: Toggle toward the Off (circle) position to disconnect power to that winder.
- 4. Replace winder cup so that it snaps firmly into place.



### **Setting Programmable Watch Winders:**

- \* The rotation direction and duration of movement for each watch winder is controlled by dip switches located within each winder housing.
- 1. Remove winder cup by pulling straight out from face of watch panel.
- 2. Locate dip switches inside winder housing.
- 3. Set dip switches using the program settings appropriate for your watch model.

Note: Winders come from the factory with a default setting of 800 Clockwise rotations per day.

Visit Orbita's online watch database to find the correct settings for specific watches at: orbita.com/database-search/

#### **Programmable Watch Winder Settings:**

Operating Mode	500 Turns Per Day				650 Turns Per Day				800 Turns Per Day				950 Turns Per Day			
Clockwise Rotation Only	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Counterclockwise Rotation Only	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Automatic Reversing	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4

Turns Per Day

Clockwise
Rotation Only

1300
Turns Per Day

Turns Per Day

Counterclockwise

Rotation Only

Orbita Rotorwind winders swing the watch, rather than rotating it, mimicking the natural action of the wrist.

### **Mounting Watches:**

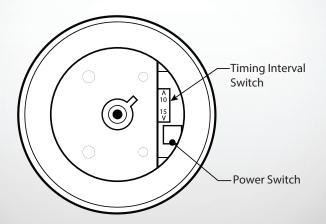
- 1. Remove winder cup by pulling straight out from face of watch panel.
- 2. Remove watch cushion from winder cup.
- 3. Securely mount watch to cushion and insert into winder cup.
- Replace winder cup back inside winder housing by pushing straight in as you rotate the cup until it seats fully in winder housing.

Note: Alternative size watch cushions are available if needed.



#### **Turning On/Off Power to Watch Winders:**

- \* Each winder has its own independent power switch so that they can be individually controlled.
- 1. Remove winder cup by pulling straight out from face of watch panel.
- 2. Locate the red power detent switch inside the winder housing.
- 3. Turning ON winder: Press the switch in to supply power to the winder.
  - Turning OFF winder: Press the switch again and the button pops out to disconnect power to the winder.
- 4. Replace winder cup so that it snaps firmly into place.



Unlike other watch winders which rotate a watch in order to wind it, the Rotorwind modules gently swing the watch instead. A semicircular rotor, attached to the back of the mounting cup, is supported by two free-turning precision ball bearings which enables the "back and forth" motion when the cup is raised and then released from the 12 o'clock position at either 10 or 15 minute intervals.

- **10 Minute Interval** This is the default setting and causes the watch to swing back and forth for several oscillations just as it would if it were being worn on the wrist.
- **15 Minute Interval** This is the extended program and allows many watches that wind in both directions to remain fully wound while on the winder.

### **Setting The Timing Switch For 10 or 15 Minute Operation:**

- \* Each winder has its own independent timing switch so that they can be individually controlled.
- 1. Remove winder cup by pulling straight out from face of watch panel.
- 2. Locate the black slide switch near the red power button inside the winder housing.
- 3. Insert an object (screwdriver, pen, etc.) in the opening and slide the switch lever down to select 15 minute intervals or up to select 10 minute intervals.
- 4. Replace winder cup so that it snaps firmly into place.

# Watch Winder Operation - Winder Carousel

The Winder Carousel groups watches circularly to maximize available space and button activated motors quickly rotate the stack in either direction for convenient access to timepieces.

- 1. Depress power switch to supply electricity to the carousel.

  Note: This turns on power to the carousel only.

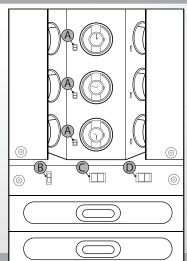
  Winders are powered and controlled by their individual switches.
- 2. Depress carousel direction switch in the direction you would like the carousel to turn.
  - Warning: Do not change directions while the carousel is moving. If so the power switch must be turned off and then back on after 4 seconds to reset the carousel.
- 3. Depress the carousel operation switch to turn the carousel.

  Note: Each time the button is pressed the carousel will turn to the next set of winders and then stop. Press and hold the operation switch to rotate the carousel continuously.

### Watch Winder Operation - Winder Carousel

#### **Winder Carousel Switches:**

- A Winder Power Switches
- **B** Carousel Power Switch
- © Direction Switch
- D Operation Switch



# **Safe Interior** - Adjusting Shelves

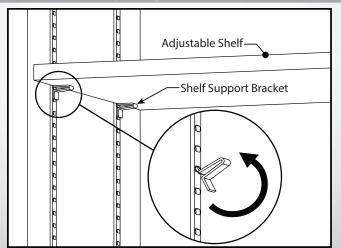
To accommodate our client's specific needs and offer added flexibility, all interior shelves are adjustable.

- 1. Open safe and remove all contents resting on shelf.
- 2. Remove shelf from safe interior.

  Note: Begin by lifting up on one side of shelf if tightly fitted.
- 3. Once shelf is removed and the shelf support brackets are visible, remove brackets by tilting up and pulling out.
- 4. Relocate the brackets to the desired location.

  Note: Interior lining may need to be punctured to fit shelf bracket.
- 5. Replace shelf after all four supports brackets are securely in place.

# **Safe Interior** - Adjusting Shelves

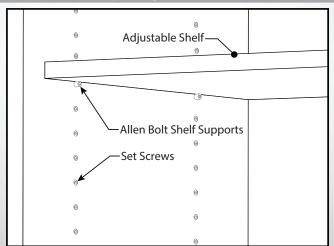


# **Safe Interior** - Adjusting Chronos Shelves

- \* Chronos Shelves are supported by four allen bolts that fit in holes spaced at 1" increments. The holes not in use have ¼-20 threaded set screws in them.
- 1. Open safe and remove all contents resting on shelf.
- 2. Remove shelf from safe interior.

  Note: Begin by lifting up on one side of shelf if tightly fitted.
- 3. Once shelf is removed the four allen bolts that support the shelf will be visible, remove bolts using a 3/16" hex driver.
- 4. Remove set screws from desired shelf location using a 1/8" hex driver and replace in previous location.
- 5. Relocate the allen bolts to the desired location and replace shelf once all four supports are securely in place.

# **Safe Interior** - Adjusting Chronos Shelves

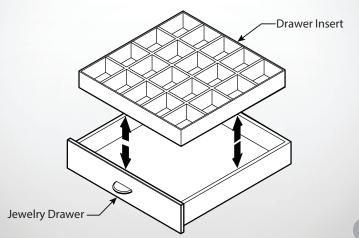


# **Safe Interior** - Changing Jewelry Drawer Inserts

In an effort to supply you with the most convenient solution to organizing your valuables, Brown Safe has created a wide selection of drawer insert layout options and designed them to be interchangeable. Simply follow the instructions below to replace or relocate your drawer inserts.

- 1. Fully extend jewelry drawer.
- 2. Remove drawer insert by grasping the interior of the layout and lifting straight up from jewelry drawer.
- 3. Once the layout is removed relocate in an empty drawer by centering the layout over the drawer and firmly pressing downward.

# **Safe Interior** - Changing Jewelry Drawer Inserts



# **Safe Interior** - Removing Drawer Detents

Drawer detents are installed on jewelry drawers to protect the drawers from damage during transit. These detents can be removed if desired, eliminating the initial stiffness felt when opening the jewelry drawers.

- 1. Fully extend jewelry drawer.
- 2. Remove jewelry drawer by pressing levers on sides of drawer in specified direction (one up, one down).
- 3. Once drawer is removed, drawer detents will be visible at the rear of the slide attached to the jewelry box unit. The detent is black plastic and shaped similar to the numeral 8.

### **Safe Interior** - Removing Drawer Detents

- 4. Drawer detents can be removed using a slot screwdriver inserted into the space between the metal slide and the plastic detent. The detent should pop off.
- 5. Insert drawers back onto drawer slides and fully close (may be hard to close the first time).

Note: Drawer detents can be saved and used if the safe ever needs to be moved.

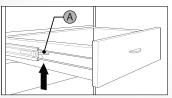
# **Safe Interior** - Removing Standard Drawers

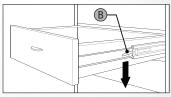
Brown Safe's Gem and Estate Series luxury safes make use of top quality drawer slides to accommodate reliable and convenient access to your valuables. These drawers can be removed by following the directions below.

- 1. Fully extend jewelry drawer.
- 2. Locate release levers on both drawer slides.

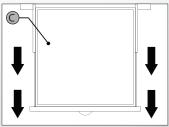
  Note: There is one lever on the left side of the drawer and one lever on the right side of the drawer.
- 3. Remove jewelry drawer by lifting up on the left lever and pressing down on the right lever while simultaneously sliding the jewelry drawer out.

# **Safe Interior** - Removing Standard Drawers





- A Lift Up Left Lever
- **B** Press Down Right Lever
- © Pull Drawer Out

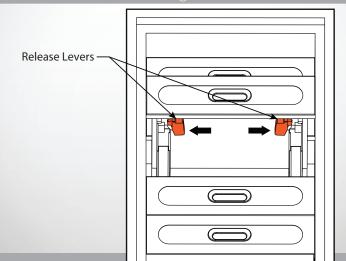


# **Safe Interior** - Removing Undermount Drawers

Brown Safe's Chronos Series and Man Safes make use of refined undermount drawer slides to accommodate reliable and convenient access to your valuables. These drawers can be removed by following the simple directions below.

- 1. Fully extend jewelry drawer.
- 2. On the underside of the drawer, locate the 2 orange release levers on both drawer slides.
- 3. Remove jewelry drawer by depressing the release levers while simultaneously sliding the jewelry drawer out.

# **Safe Interior** - Removing Undermount Drawers



If you have any questions about using your new safe or need additional information please visit the Support Page at www.BrownSafe.com or contact us directly at:

Phone - (760) 233-2293

Email - Sales@BrownSafe.com

Enjoy the security, convenience, and peace of mind that comes with owning a Brown Safe!



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