

## Chapter 9. Vault Unit

## 9. Vault Unit

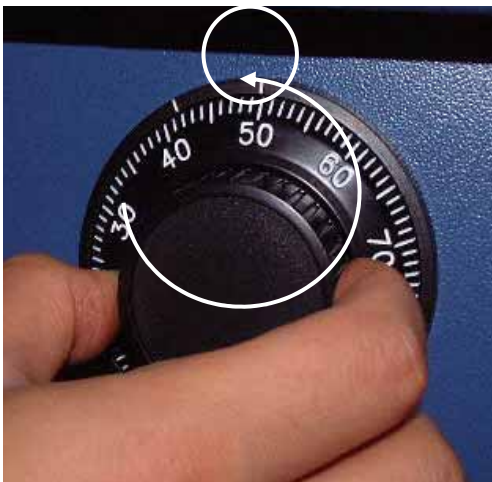
### 9.1 How to Open the Vault Unit

To open the vault set the mechanical dial first. Then, using with key turn the handle to the right.

- 1) Turn the dial to the left (counterclockwise). Make at least four complete rounds, then set to "50".
- 2) Turn the dial to the right (clockwise). Turn two complete rounds and stop at "25" on the third time.



- 3) Turn to the left (counterclockwise) and stop at "50" on the second time.
- 4) Turn to the right (clockwise) until the dial does not move any more.



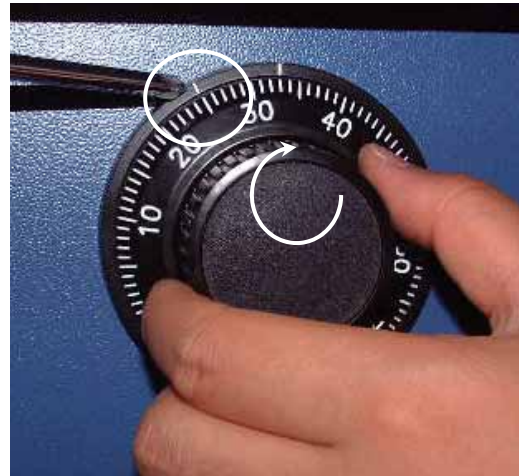
**Note:** The center scale mark is used to change the combination.

### 9.2 How to Set the Vault

- 1) Open the vault door as described in the section 7.2.
- 2) Turn to the left (counterclockwise). Make at least four complete rounds and set to "50" as shown in the Figure 1.
- 3) Turn to the right and stop at "25" on the third time as shown in the Figure 2.
- 4) Turn to the left and stop at "50" on the second time as shown in the Figure 3.



<Figure 1>



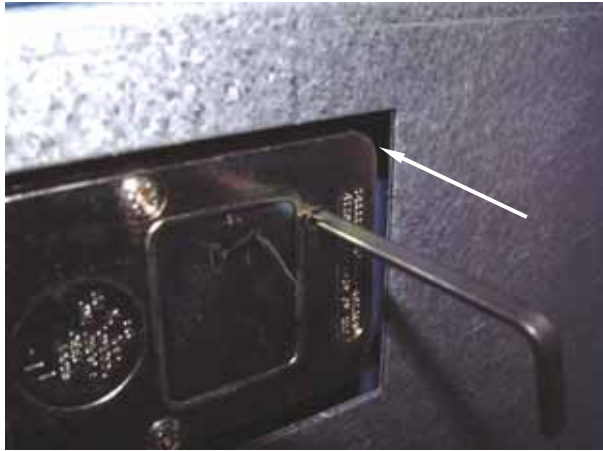
<Figure 2>



<Figure 3>

**Note:** The left scale mark is used to change the combination.

- 5) Push the bar into the hole until it clicks in the dial change hole (Figure 4) inside the vault door and turn to the right by 90 degrees. (Figure 5)



< Figure 4 >



< Figure 5 >

- 6) Turn the dial to the left. Make at least four complete rounds and position the scale to "10" (target number to change), as shown in the figure 6.
- 7) Turn the dial to the right, make three complete rounds then position the scale to "50" (target number to change), as shown in the figure 7.
- 8) Turn the dial to the left, make two complete rounds and position the scale to "70" (target number to change), as shown in the figure 6.



< Figure 6 >



< Figure 7 >



Note: Do not use number 25 – 35 as the last password number.

< Figure 8 >

- 9) When the combination has been set, turn the bar counterclockwise and remove it from the vault as shown in the Figure 10.



< Figure 9 >



< Figure 10 >

- 10) When the combination has been set, turn the dial while the door is open to make sure the combination works. (Test the new combination at least two or three times.)
- 11) When the combination has been set, inform the password to the person in charge and make sure the combination is not exposed or lost

Note: If the combination is lost, it cannot be restored. Be sure to leave the combination in a safe and secure place.

## Option A. Vault Unit - Electronic Combination Lock

### A.1 How to Open the Vault Unit

To open the vault set the electronic dial first. Then, turn the handle to the right.

- 1) Enter 6 digits(1,2,3,4,5,6) of password.
- 2) Rotate the key wheel clock wise until stop.



## A.2 How to Set the Vault

### 1) Features(May be activated at any time, by authorized service only).

- Manager mode.  
Add/Temporarily disable/Remove second user.
- Time delay override.  
Ability to add second combination to override delay period.
- Dual combination.  
Two combinations required to open.
- Silent signal alarm(Optional alarm box required)  
Duress signal if last number of combinations entered one number higher or one number lower.
- Remote override signal(Optional alarm box required).  
Two combinations or remote signal plus primary user combination required to open.
- Remote disable(Optional alarm box required).
- Time delay.  
“ Delay” period 1 -99 minutes, “ Open” period 1 -19 minutes.

### 2) Changing combinations(Lock signals twice after each valid entry).

- Enter six zeros.
  - Enter old combination once.
  - Enter new combination twice.
- Invalid combination entry- Lock signals three times and old combination still valid.

### 3) Add second user (If manger, time delay override, remote override, or dual combination feature activated.).

- Enter primary user combination. Hold down last digit of combination until lock signals with two double beeps.
- Press1. Lock signals twice.
- Enter second user combination twice. Lock signals twice after each valid entry.

4) Disable second user(Manager feature only).

- Enter primary user combination. Hold down last digit of combination until lock signals with two double beeps.
- Press2. Lock signals once.
- Second user is temporary disabled.

5) Reinstate disabled user(Manager feature only).

- Enter primary user combination. Hold down last digit of combination until lock signals with two double beeps.
- Press1. Lock signals once.
- Second user is reinstated.

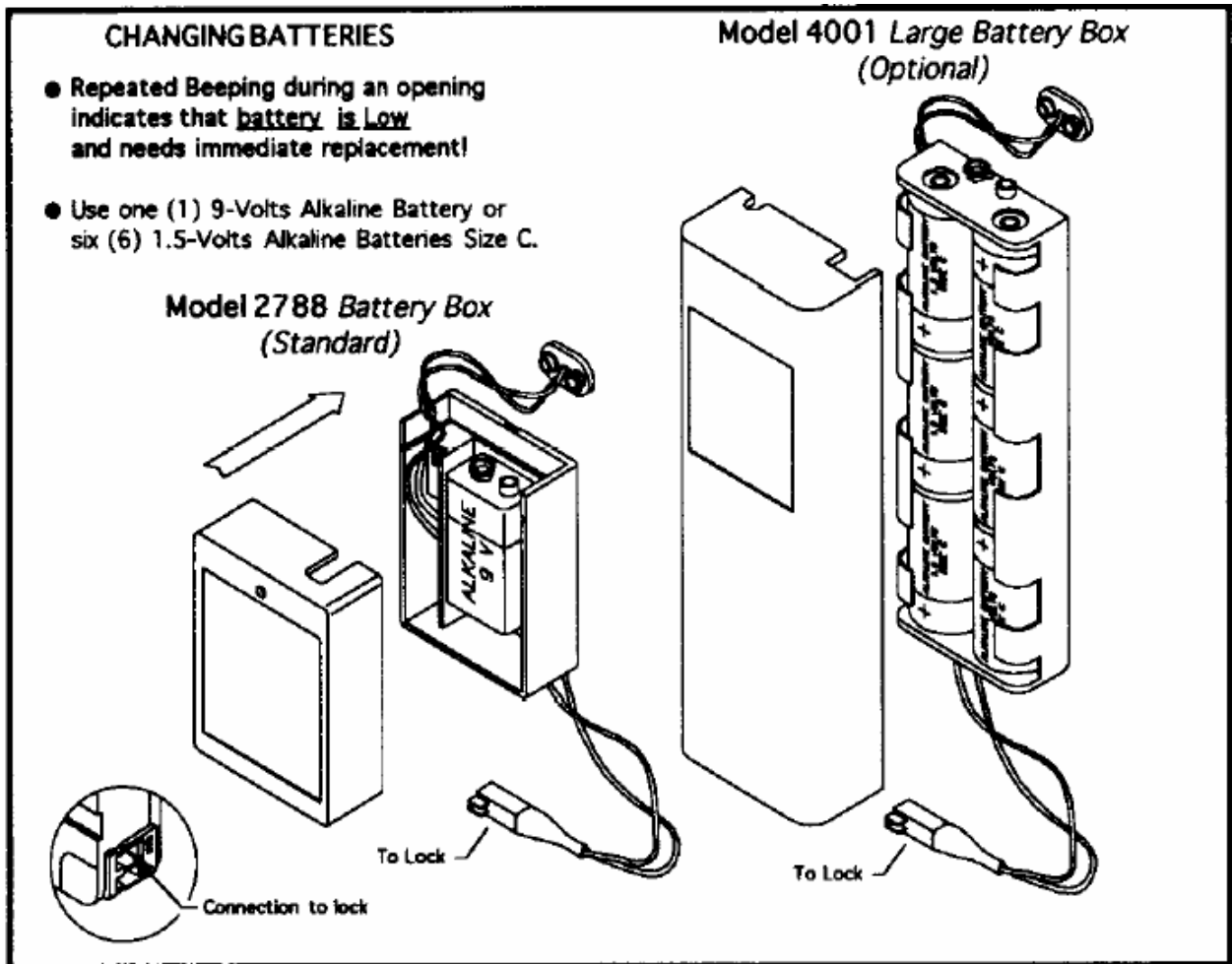
6) Remove second user(Manager feature only).

- Enter primary user combination. Hold down last digit of combination until lock signals with two double beeps.
- Press 3. Lock signals once.
- Second user is permanently removed.

7) Dual combination operation (If feature is active).

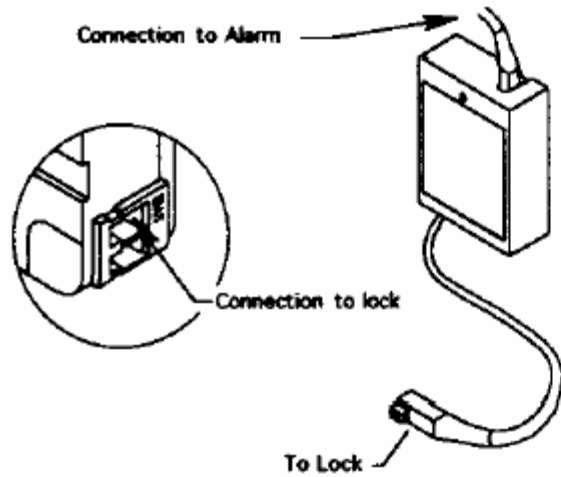
- Must add second user to open lock.(See add second user).
- Second user can not be disabled or removed.
- If time delay is active, one valid combination will start delay period.
- Both combinations required to open lock in open period.



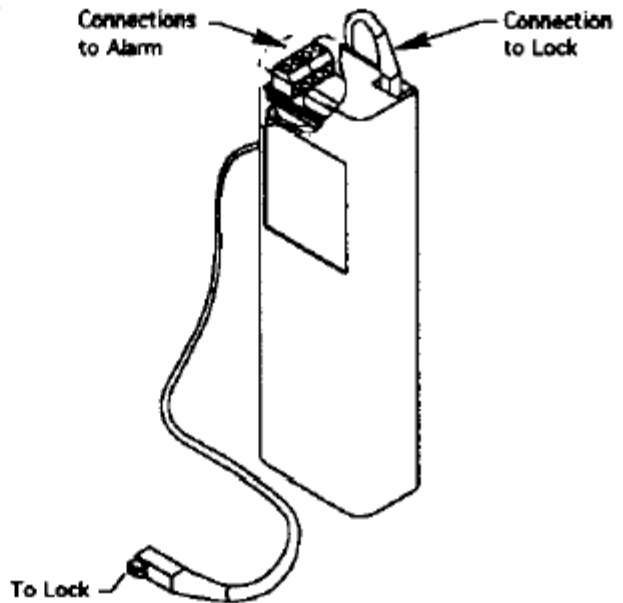


**OPTIONS**

**Model 2789 Alarm/Battery Box (Optional)**

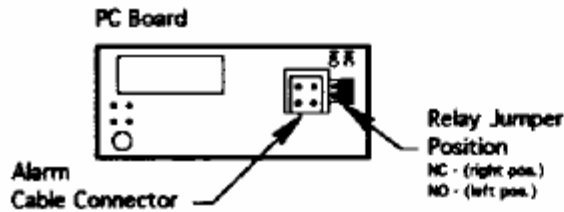


**Model 4002 Large Alarm/Battery Box (Optional)**



**MODEL 2789 ALARM CONNECTIONS**

4 wires 26 AWG.  
**Alarm Relay Connections:**  
 Red + Black =  
 Normally Open (NO) or Normally Closed (NC)  
 Relay contacts - Settable  
 50 VDC @ 0.25 Amp Max load  
**Inputs Disable or Remote Override**  
 Yellow = Positive input  
 Green = Negative input  
 5-12 VDC @ 20 mA Max input



**MODEL 4002 ALARM CONNECTIONS**

Alarm Relay  
 Out - 50 VDC @ 0.25 Amp Max  
 Input - 5-12 VDC @ 20 mA Max

**Inputs Disable or Remote Override**

