DIEBOLD SHANGHAI

Shanghai Diebold Security Equipment Co., Ltd.

Thank you for choosing Shanghai Diebold LCD electronic lock safe. In order for you to use this product well, please read this User's Manual carefully before using this product.

This is a new generation of LCD electronic lock safe series developed meticulously by Shanghai Diebold with succinct appearance and reliable structure. All functioning indicators on LCD are clear to read and make it easy to operate. Blue backlit display is pleasant to users. High anti-burglar capability for Diebold safe is secured with its patented boltwork and locking system.

Shanghai Diebold Security Equipment Co., Ltd. (SDSEC) is a joint venture with foreign partner, the world famous multinational corporation —— Diebold, Inc., and is licensed to use the Diebold patents and the world famous trademark —— **DIEBOLD** . For over one hundred years, Diebold has been the world market leader in security products and financial equipment industry.

SDSEC regards high-tech, high standard and high quality as its basis, and excellent service and good reputation as its root.

Note: **This User's Manual applies to models:**

FDG-A1/D-50L1, **FDG-A1/D-55L1**, **FDG-A1/D-60L1**, **FDG-A1/D-67L1**

FDG-A1/D-80L1, **FDG-A1/D-110L1**, **FDG-A1/D-150L1**, **FDG-A1/D-80L1S.**

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First Time Operation

☐ Turn the LCD mounting disc counterclockwise and remove it from the panel (Figure 6, P.7 in User's Manual). Locate the override keyhole behind the disc. Insert the override key (Figure 3, P. 4 in User's Manual) into its keyhole and turn it clockwise to the end, then insert the lock key into the door–opening keyhole (Figure 4, P. 4 in User's Manual) and turn it clockwise to the end, turn the handle (or knob) clockwise to open the door.
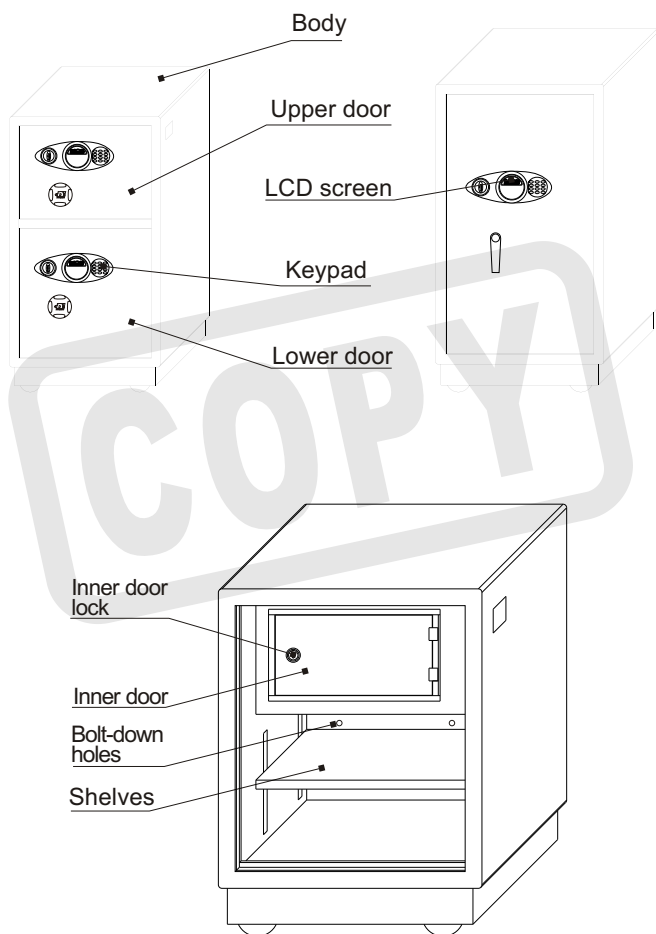
☐ Take out four AA batteries from inside the safe. Locate the battery compartment in the back of the door and remove the compartment cover (Figure 5, P.4 in User's Manual). Install the batteries into the compartment as per polarity marks indicated inside the compartment and replace the cover.

To download our English User's Manual, please visit our website: www.diebold.cn

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CONTENTS

SAFE WITH ELECTRONIC COMBINATION LOCK

Body

Upper door

LCD screen

Keypad

Lower door

Inner door lock

Inner door

Bolt-down holes

Shelves

Figure 1

· 2

BUTTONS AND LCD SCREEN

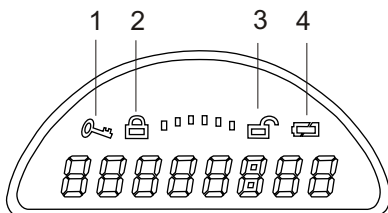| Button	Function
⓪ ~ ⑨	Ten numeric button are used to enter the code.
✳	The button is used to disable the combination display and clear the entered combination.
#	The button is used to confirm and complete the combination entering.

Figure 2

LCD Prompts used to display or indicate the entered combination, the unlocking delay time and various statuses.

1. The prompt ' ⚷ ' will be highlighted to indicate that changing the user code is under process.

2. The prompt ' 🔒 ' will be highlighted to indicate that the electronic combination lock is locked.

3. The prompt ' 🔓 ' will be highlighted to indicate that the electronic combination lock is unlocked.

4. The prompt ' 🔋 ' will be highlighted to indicate that the batteries are low and the user should replace them with new ones.

- '___' will be displayed to indicate that the keypad is under dead lock and the code cannot be entered now.

- 'error 1', 'error 2' and 'error 3' will be displayed respectively to indicate an incorrect user code is entered once, twice and three times.
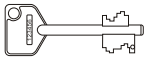
KEY 、 HANDLE AND KNOB

图　　示	名　　称	图　　示	名　　称
	Main Key		Knob
	Override Key		Handle

Figure 3

PANEL AND BATTERY COMPARTMENT

Main Lock Keyhole

LCD Screen

Keypad

Figure 4 Panel

User Code Changing Button　　Mark

Compartment Cover Moving Direction

Compartment Cover Removing & Replacing Directions

Figure 5   Removing the Compartment Cover

TO OPERATE
FOR THE FIRST TIME

   If this product is put into use for the first time, please open the safe according to '***TO OPEN IN EMERGENCY***' and install the batteries according to '***TO REPLACE THE BATTERIES'***. Then change the factory code according to the following procedures:
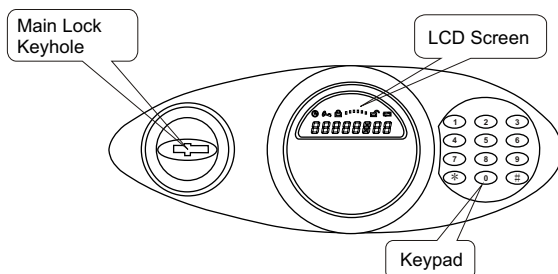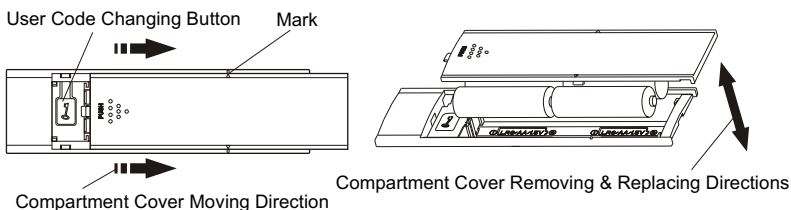
1. Insert the main key (See Figure 3) of the safe into its keyhole in the panel followed by entering the factory code '1, 5, 9'.

2. Press the ' ⊕ ' button and the prompt ' 📭 ' will be displayed on the LCD screen (See Figure 2).

3. Turn the main key clockwise ➥ , then turn the handle（or knob）clockwise ➥ to open the safe door.

4. Locate the battery compartment in the door back. Remove its cover according to Figure 5. Press the user code changing button. The prompt ' 🔑 ' (See Figure 2) will be displayed on the LCD screen with two beeps to indicate that it's in process of changing the user code. *(Please replace the battery compartment cover after completion of changing the user code.)*

5. With the door opened, enter your new user code (2~8 numbers) followed by pressing ' ⊕ ' button. The LCD screen will flash your new user code three times and turn off by itself.

6. Turn the handle（or knob）counterclockwise ➦ , then turn the main key counterclockwise ➦ to extend out the locking bolts to lock the safe door.

New user code has been successfully set up.

⚠️ *Please operate the safe with your new user code according to the above steps 1~3 and 6 to confirm that your new user code can open the safe door. Close the safe door, turn the handle（or knob）counterclockwise ➦ , then turn the main key counterclockwise ➦ and pull out the main key. Now your user code has been changed successfully.*

⚠️ *The time interval between two button pressings shall not exceed 20 seconds, otherwise the LCD screen will turn off automatically and the current operation will become invalid.*

TO OPEN / CLOSE

😀 **TO OPEN:**

☐ Step 1

    Insert the main key into the main lock keyhole (See Figure 3 and Figure 4) in the panel.

☐ Step 2

    Enter your user code and the number you entered will be displayed on the LCD screen (See Figure 2).

☐ Step 3

    Press the ' ⌗ ' button and the prompt ' ☞ ' will be displayed on the LCD screen (See Figure 2).

☐ Step 4

    Turn the main key clockwise ➥ , then turn the handle（or knob）clockwise ➥ to open the door.

⚠ *Note:*

    The time interval between two button pressings shall not exceed 20 seconds, otherwise the LCD screen will turn off automatically and the current operation will become invalid.

😀 **TO CLOSE:**

☐ Step 1

    Close the safe door and turn the handle（or knob）counterclockwise ◄━ .

☐ Step 2

    Turn the main key counterclockwise ◄━ to its proper position (the key stem shall assume a horizontal position) to lock the safe. Then pull out the main key.

TO OPEN IN EMERGENCY

The override key can be used in combination with the main key to open the safe in emergency.

Disk board   **Override keyhole**
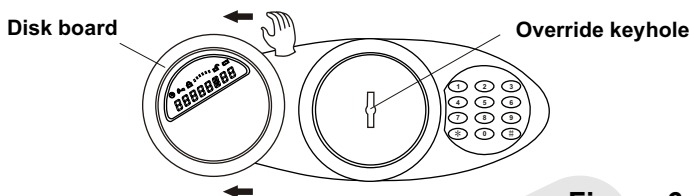
Figure 6

Turn the LCD disk board counterclockwise ↰ as the above figure shows and remove it from the panel. You will see the override keyhole behind the disk board. Insert the override key into its hole and insert the main key into the main lock keyhole. Turn the override key clockwise ↱ followed by turning the main key clockwise ↱ to open the door.

⚠ **Note*:***

The override keys are for emergency use. Please keep them in a safe place. Don't place them in this safe.

TO CHANGE THE NUMBER ENTERED

If a wrong number is entered when you are entering the user code, press the ' ⊛ ' button to clear the last number entered and continue to enter the right numbers. Repeat pressing the ' ⊛ ' button to clear all numbers entered one by one until no number is displayed on the LCD screen.

TO REPLACE THE BATTERIES

When ' 🔲 ' displays on LCD, it indicates batteries are low and you need to replace with new batteries.

Method:

Remove battery cover per Figure 5 and replace with new batteries properly. Place back battery cover.

⚠️ **Note:**

If your safe will not be used for a long time, it is suggested that you remove batteries. When batteries are placed back, the code will be still stored.

TO USE SPYPROOF FUNCTION

Press the ' ✳ ' button before entering your user code, and the ' _ ' prompt will be displayed on the LCD screen instead of your user code. (After completion of one operation, this function will exit for next operation and the user code will be displayed on the LCD screen again.)

BEEPER INDICATION

One beep may indicates that:

● One button is pressed, or;

● The user code has been successfully changed after the numbers displayed on the LCD screen flash three times at completion of changing the user code, or;

● The correct user code has been entered, the electronic combination lock is unlocked while the ' ☞ 'is displayed on the LCD screen, or;

● The batteries have been replaced.

Two beeps indicate that it is in process of changing the user code after pressing the user code changing button while the prompt ' ✍ ' is displayed on the LCD screen.

Three beeps indicate that an incorrect user code is entered.

Six beeps indicate that some failure has happened to the circuit.

TO PRESENT INFORMATION

◆   If you provide the following information to service people, you will get quicker assistance:

☐   Product Serial Number (See label on the right side of product)

☐   Product Model

☐   Purchase Invoice of Product

☐   Maintenance Guarantee

TO BOLT DOWN THE SAFE

- Place the safe where it will be installed. Mark the locations of the bolt-down holes (See Figure 1).
- Move aside the safe and drill about 100mm-deep holes by using an electric percussion drill with a ϕ12mm drill bit in the marked locations.
- Put and tighten the bolt-down bolts into the holes. Remove the nuts and washers.
- Replace the safe where it will be installed and align the bolt-down holes. Install and tighten the washers and the nuts from inside the safe.

   **Bolting down is complete now. (The safe can also be fixed inside a cabinet.)**

ACCESSORIES LIST

☐	User's Manual	1 PC	(1 piece for each upper door and lower door of model FDG–A1/D–80L1S)
☐	Main key	2 PCS	(2 keys for each upper door and lower door of model FDG–A1/D–80L1S)
☐	Override Key	2 PC	(2 keys for each upper door and lower door of model FDG–A1/D–80L1S)
☐	Conformity Certificate	1 PC	
☐	Bolt-down hardware	2 Sets	
☐	AA Battery	4 PCS	(4 piece for each upper door and lower door of model FDG–A1/D–80L1S)

TO USE ALARM FUNCTION

☺ Turn on the function for shock alarm:

   Recommend to press any numeral button, then ' ⌗ ' button, to turn on the shock alarm function; or press any button (except ' ＊ ' button) to turn on this function and LCD screen will go out after 20 seconds.

☺ Turn off the function for shock alarm:

   The shock function can be turned off by any of the following operations.

- ☐ Input a correct combination;
- ☐ Input a correct combination in the process of changing combination;
- ☐ Press the combination setting button.

ELECTRICAL PARAMETERS

1. Operational Power: 4 x 1.5V/AA battery;

2. Non Operational Voltage By Circuit Protection: +/-10VDC;

3. Normal Operational Voltage Range: 4V∼ 7V;

4. Sleeping Mode Current: 4VH < 0.5uA; 7VH (typ) < 2uA;

TROUBLE SHOOTING

No.	Trouble	Cause	Solution
1	No reaction upon button pressing	No batteries installed	Install the conformity batteries refer to '*TO REPLACE THE BATTERIES*'
		Batteries installed incorrectly with wrong polarity placement or non-conformity batteries	
2	Lock cannot open	Wrong key or incorrect insert direction	Use the right key（see Figure 3）and insert it in the right direction
		Low batteries	Replace the old batteries with new conformity batteries refer to '*TO REPLACE THE BATTERIES*')
		Incorrect user code	Enter the right user code
		User code is forgotten	Refer to P. 7 '*TO OPEN IN EMERGENCY*' and unlock the safe by a override key and a main key. With the door of safe open, perform step 4 & 5 to set up your new code according to P. 5 '*TO OPERATE FOR THE FIRST TIME*'

CUSTOMER SUPPORT
HOW TO OBTAIN ASSISTANCE

If you have any question that this User's Manual cannot answer when using this product, please take one of the following approaches to obtain assistance:

☐ To call SDSEC Technical Advisory Service at

86 21 6480 9355

13386290300 ext 6320, 6321, 6322 or 6323.

☐ To send questions through SDSEC's fax response system to get product specifications.

Fax: 86 21 6480 3291

☒ **Compensation Conditions for Product Liability Insurance.**

This product is meets the national standard GB 10409-2001. If any attack provided in this standard is made to this product and valuables stored in the safe are lost：

● Original invoice to show that it's purchased within one-year period.

● Evidence to show that you've reported the case to the local police (county level or above) within 24 hours after the case happens with a written certificate.

● To represent a report on the loss case in detail to our company in written form within 24 hours.

The above items need to be provided in order to get compensation (maximum 30,000 RMB) from the insurance company for the losses herein.

☐ To visit our website:

http://www.diebold.cn

MAINTENANCE GUARANTEE

- This product is guaranteed for one year from the date when it is purchased.

- This guarantee only applies to the product quality problems occurring under normal operating conditions except man-made damages (e.g. damages incurred from improper operation or carelessness), damages incurred from assemble or disassemble, repair and improper installation without permission from our company, and damages incurred from force majeure.

- The original invoice that is issued when this product is purchased must be presented when guaranteed maintenance service is provided.

Maintenance Record				
Calling Date	Service Date	Trouble & Cause	Action & Result	Repairer

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TO AFFIX THE INVOICE

♥ Please affix the invoice (or copy)

for this product in this place in

order to present it to our customer

support personnel and get assistance

without delay.

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MEMO

SDSEC PRODUCT SERIES

☐ Various security container and floppy disk media security container series;

☐ Safe Series;

☐ Vault Door Series;

☐ Vault Wall Module Panels;

☐ Remote Teller System (RTS) Series — Integrated;

☐ Bullet-resistant and robbery-proof system such as windows, windows frame, passageway, lattice window shooting holes, article receiving boxes;

☐ ATM safes and After-Hour Depositories (AHD);

☐ Access Control Systems — with different complex and advanced levels;

☐ Parking Lot Control Systems;

☐ Integrated Security System — be able to monitor and control all sensitive places within the designated facilities including alarm systems, closed circuit television (CCTV), access controls, remote facility monitoring systems and advanced telecommunication technologies.

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