

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-75L2S and FDG-A1/D-110L2S.

DIEBOLD®



First Time Operation

- Insert the override key into the main lock keyhole (Figure 4, P.4), turn it clockwise for $45^{\circ} \sim 50^{\circ}$, then return it counterclockwise to its reference position and remove it. Now insert the main key into the main lock keyhole, turn it clockwise to the end, then turn the knob clockwise to open the door.

- Take out four AA batteries from inside the safe and remove the battery compartment cover (Figure 5, P.4), then install the batteries properly into the compartment and replace its cover.

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

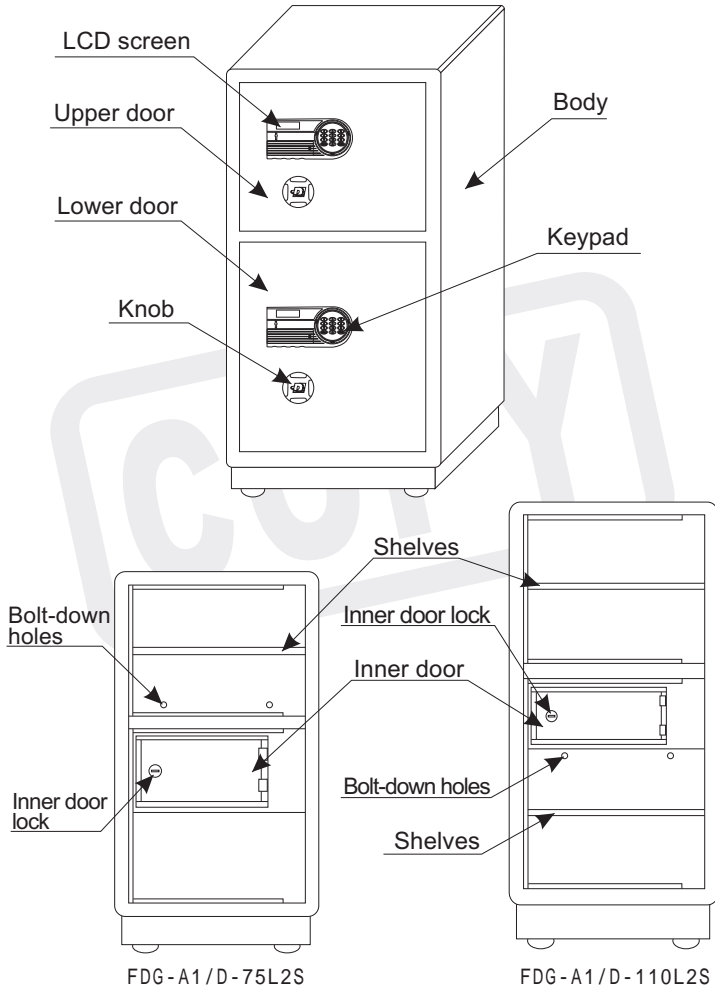


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SAFE WITH ELECTRONIC COMBINATION LOCK**Figure 1**

BUTTONS AND LCD SCREEN

Button	Function
0 ~ 9	'0-9' ten numeric keypad are used to enter the code.
Prog	'Prog' keypad is used to validate the entered code.
Clear	'Clear' keypad is used for closing the code display or clearing the entered code.

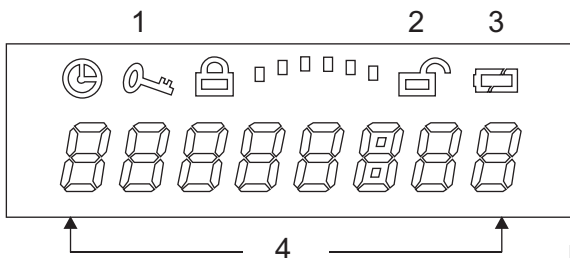


Figure 2

LCD screen will be used to display the entered code and the status graphs:

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 unlocked.
 3. The prompt '🔋' will be highlighted to indicate that the batteries are low and the user should replace them with new ones.
 4. Digits will be displayed to indicate the user code entered; The prompt '___' will be displayed to indicate the corresponding code number entered at the spyproof function mode.
- '___' will be displayed to indicate that the keyboard 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 AND KNOB




Key and Knob	Description
	Main Key
	Override Key
	Knob

Figure 3

PANEL AND BATTERY COMPARTMENT

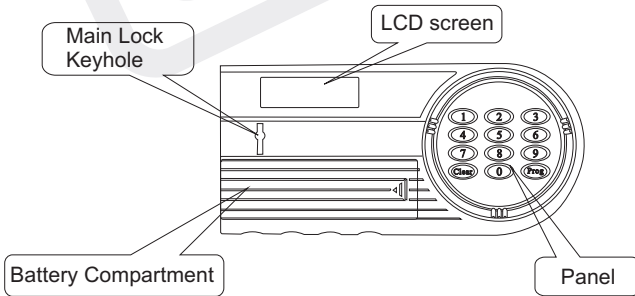


Figure 4 Panel

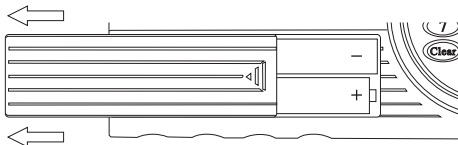



Figure 5 Removing the Compartment Cover



OPERATIONS

Prior to your use of Shanghai Diebold LCD electronic lock safe you have got, please install batteries in accordance with '**FIRST TIME OPERATION**' first. All indicators on LCD will go on and then go off. Now, you can follow the instructions below:

1. Insert the main key into the main lock keyhole (please note the key direction. See figure 3 and 4);
2. Enter the factory code '1,5,9' ;
3. Press the 'Prog' button and the prompt '  ' will be displayed;
4. Turn the main key clockwise;
5. Turn the knob clockwise to open the door.

To follow steps for both upper and lower door.

TO OPEN/CLOSE



To Open


- Step 1

Insert the main key into the main lock keyhole (please note the key direction. See figure 3 and 4);

- Step 2

Enter your code. The number you are entering will display on LCD (If a wrong number is entered, use the 'Clear' button to clear it);

- Step 3

Press the 'Prog' button and the prompt '  ' will be displayed;

- Step 4

Turn the main key clockwise, then turn the knob clockwise to open the door.

 **Note:**

If 3 consecutive invalid entries occur, the keypad will discontinue functioning for 2 minutes and any key entry will not be accepted.

**To Close**

- Close the safe door.
- Turn the knob counterclockwise.
- Turn the main key counterclockwise to lock the door.
- Remove the main key.


TO CHANGE CODE

To follow the following steps to change code:

1. Press the 'Prog' button;
2. Enter the existing code (if it is the first time to change, please enter the factory code '1,5,9') followed by pressing the 'Prog' button;
3. Enter the code you want to use (2 ~ 8 digits);
4. Press the 'Prog' button and the new code you have programmed will flash three times.

The new code has been programmed successfully.

The codes for upper door and lower door shall be changed in separately.

 ***You must keep your new code in mind because you have to enter the code first before you try to change it again.***

TO TEST THE NEW CODE

1. Insert the main key into the main lock keyhole (Please note the key direction. See figure 3 and 4);
2. Enter the new code you have programmed. If a wrong number is entered, press the 'clear' button to clear it;
3. Press the 'Prog' button and the prompt '🔑' will be displayed;
4. Turn the main key clockwise;
5. Turn the knob clockwise to open the door.

⚠ Please make sure the new code works before you close the door. Turn the knob counterclockwise and turn the main key counterclockwise to lock the door, then remove the main key.

TO CHANGE THE NUMBER ENTERED

If a wrong number is entered, simply press the 'Clear' button to clear it followed by entering correct ones. If the 'Clear' button is pressed consecutively, numbers on LCD will all be cleared.

TO USE SPYPROOF FUNCTION

Before entering code, press the 'Clear' button first. Now all the numbers you are entering will display symbol ' _ '. (After each operation, this function will not be activated again. Normal display will be functioned.)

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 OPEN IN EMERGENCY

In case in emergency, please use override key and main key to open your safe.

1. Insert override key and turn it clockwise (approx. 4550 degrees), then turn it counterclockwise and remove it (see Figure 3 and 4);
2. Insert main key and turn it clockwise;
3. Turn the knob clockwise to open the door.

To follow steps for both upper and lower door.

NOTE:

Override key is used only in emergency. Please keep it in a secure place and do not place it inside this safe.

BEEPER INDICATION

One beep indicates:

- A button is pressed;
- After code is changed with three flashes of code on LCD to indicate the code is changed successfully;
- '🔒' displays on LCD when correct code is entered and the lock activates;
- Batteries are changed.

Three beeps indicate wrong code is entered.

Six beeps indicate the circuit has problem.

TROUBLE SHOOTING

No.	Trouble	Cause	Solution
1	No reaction upon button pressing	No batteries installed (Refer to ' <i>TO REPLACE THE BATTERIES</i> ')	Install the conformity batteries
		Batteries installed incorrectly with wrong polarity placement or non-conformity batteries	Install the conformity batteries according to Figure 5
2	Lock cannot open	Wrong key or incorrect insert direction (See Figure 3 and Figure 4)	Use the right key and insert it in the right direction
		Low batteries (Refer to ' <i>TO REPLACE THE BATTERIES</i> ')	Replace the old batteries with new conformity batteries
		Incorrect user code	Enter the right user code
		User code is forgotten	Refer to ' <i>HOW TO OBTAIN ASSISTANCE</i> '

RELATED LINK

- Override key is used in emergency. Please keep it in a secure place and do not place it inside this safe.
- If user is changed, your code must be changed.
- If your safe is not used for a long time, it is suggested that you remove batteries, or the circuit will possibly get damaged.
- Please keep your code properly.

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 12mm 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.

TO PROVIDE 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

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

T : 021-64809355

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

Fax: 86 21 6480 3291

Service hot line: 133 8629 0300
ext 6320, 6321, 6322 or 6323.

- Compensation Conditions for Product Liability Insurance.

This product is manufactured in line with 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, the following items need to be provided in order to get compensations (maximum 30,000RMB) from the insurance company for the losses herein.

- Original invoice to show that it's still within one-year guarantee 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.
- To visit our website:

<http://www.diebold.cn>



ELECTRICAL PARAMETERS

1. Operational Power: 4 x 1.5V/AA battery;
2. Non Operational Voltage By Circuit Protection: +/-10VDC;
3. Normal Operational Voltage Range: 3.5V 7V;
4. Sleeping Mode Current: 4VH < 0.5uA; 7VH (typ) < 2uA;
5. Stand By Mode Current: 4VH < 100uA; 7VH < 300uA.

ACCESSORIES LIST

- | | | |
|--------------------------|------------------------|-------------------|
| <input type="checkbox"/> | User's Manual | 1 PC |
| <input type="checkbox"/> | Main key | 2 PCS / each door |
| <input type="checkbox"/> | Override Key | 1 PC / each door |
| <input type="checkbox"/> | Inner Door Key | 2 PCS |
| <input type="checkbox"/> | Conformity Certificate | 1 PC |
| <input type="checkbox"/> | Bolt-down hardware | 2 Sets |
| <input type="checkbox"/> | AA Battery | 8 PCS |

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



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.



MEMO

COPY

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.