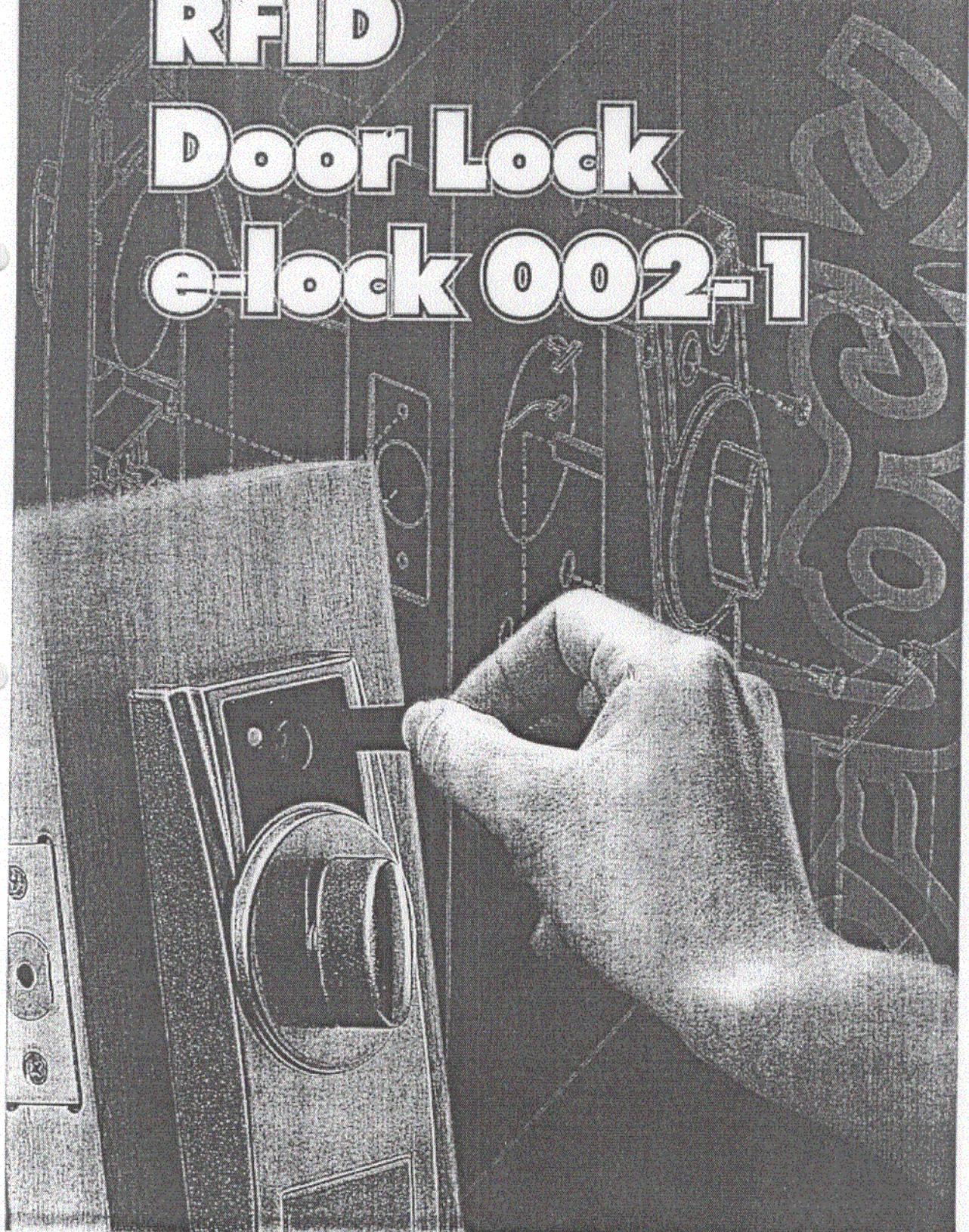


Manual

RFID

Door Lock

e-lock 002-1



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INSTRUCTIONS MANUAL
FEDERAL COMMUNICATIONS COMMISSION
INTERFERENCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION:

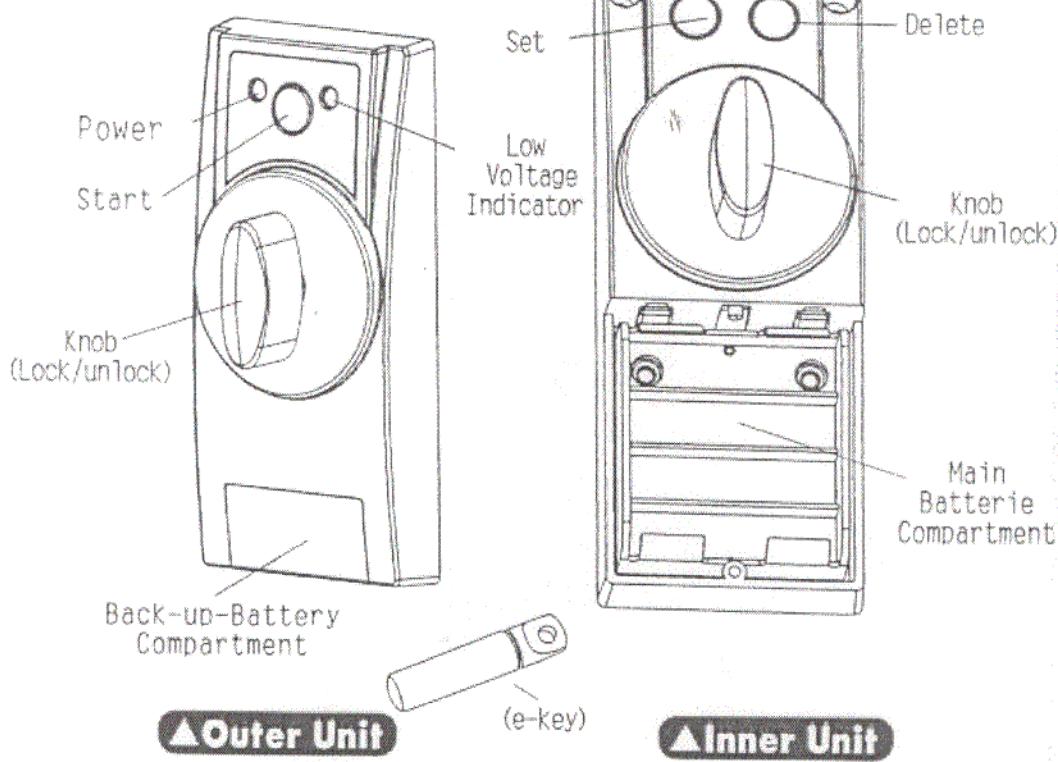
Any changes or modifications not expressly approved by the grantee of his device could void the user's authority to operate the equipment.

● Specifications & Accessories

1. Main batteries:Four R6(AA#3)1.5V
2. Back-up battery:One R6(AA#3)1.5V
3. For door thickness:32mm~46mm
4. Best sensor distance:Within 25mm
5. Read speed:0.5~1sec.
6. Average use life of battery:4,000times
7. Memory capacity:51e-key internal codes
8. Major parts included in the package:

① Outer Unit	1pc.
② Inner Unit	1pc.
③ Bolt	1pc.
④ e-keys	2pc.
⑤ Screws	1bag (included 2.5mm wrench)
⑥ Manual	1pc.
⑦ DIY Template	1pc.

● Appearance:



▲Outer Unit

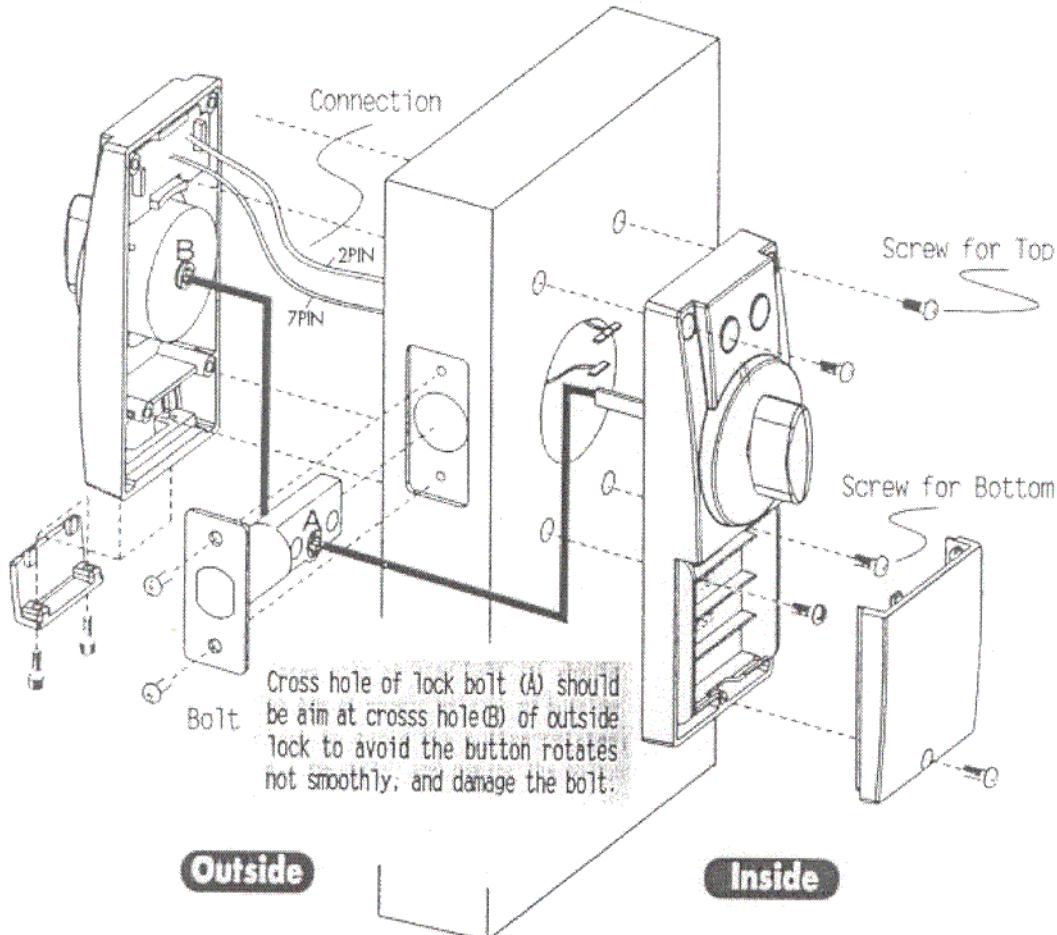
▲Inner Unit

● DIY Assembly Instruction

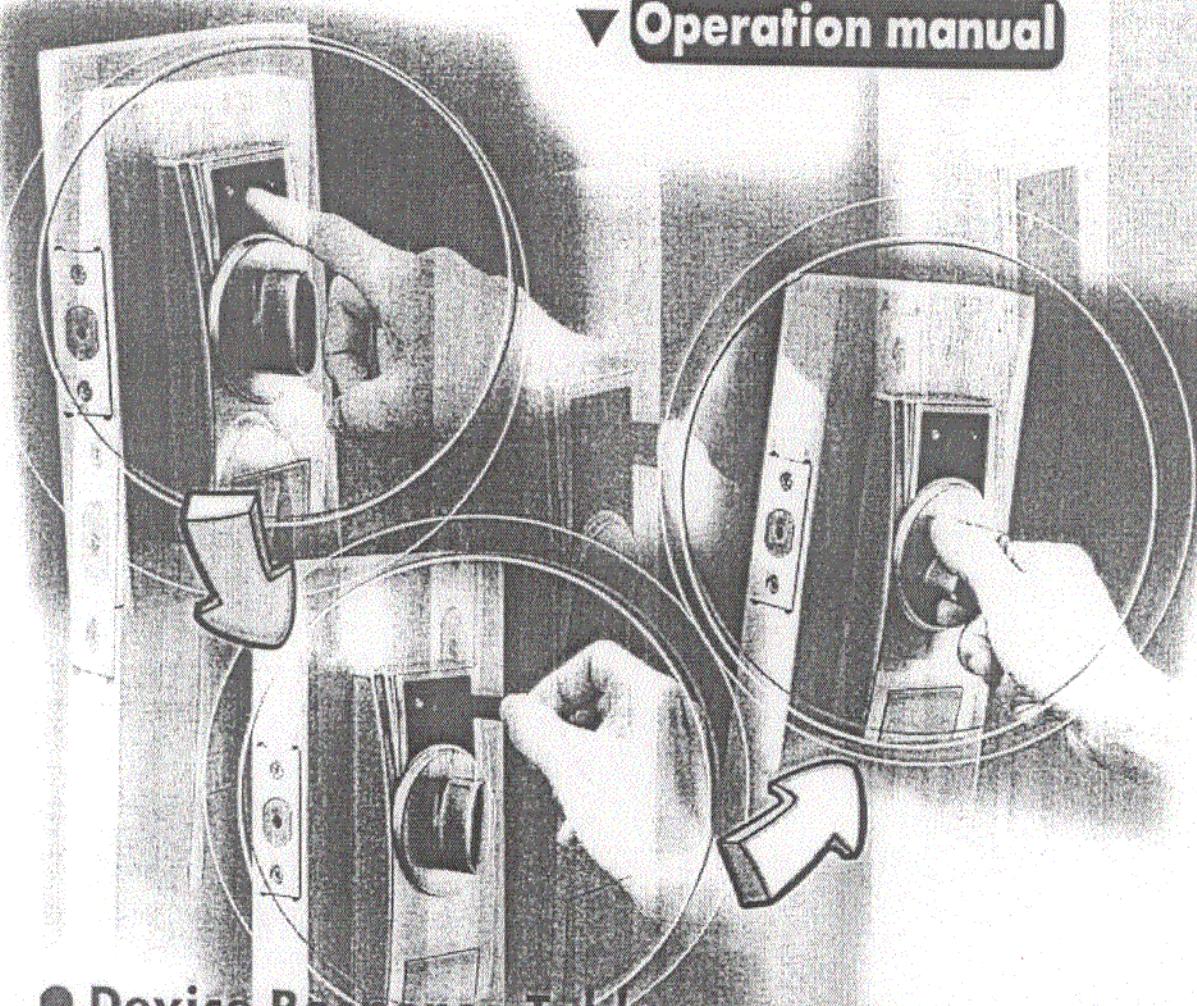
1. Please refer to page 6 and use the attachment (DIY Template) as a guide to drill the holes.
2. Screw Usage :

Door Thickness	Screws for Top	Screws for Bottom
32mm~36mm	52mm	42mm
37mm~41mm	57mm	47mm
42mm~46mm	62mm	52mm

● Assembly Diagram:



▼ Operation manual



● Device Response Table

Function	Power light (Green)	LV light (Red)	Buzzer	Remarks
No Master key Configured	Flashing		Continuous Short Beeps	For 5 seconds
Indicate set 3 numeral password	On		Two Long Beeps	
Master key Correctly Configured	On		Two Long Beeps	
Master key Correctly Deleted	On		One Long Beep	
Master Key failed in Configured or Deleted	On		Five Short Beeps	
Start	Flashing			For 5 seconds
e-key Read Correctly	On		One Short Beep	For 5 seconds
Soh key Correctly Configured	On		Three Short Beeps	
Son key Deleted	On		Two Short Beeps	
All ID keys Deleted	On		Two Short Beeps & One Long Beep	
LV Indicator Weak Batteries				For 5 seconds
LV Indicator Discharged Batteries				For 5 seconds

● Preface

Due to the external appearance of e-key identical, and every e-key can be master key or son key (remark A.), for setting and administration of e-key convenient, we'll give the number cards with the key to be the code of e-key, and we would like to suggest you to mark : master key, son key No. 1, son key No. 2,etc. at the back of number cards first before setting, and set according to the numbers marked, then, record the name of the owners in the sheet of page 7. In this way, you can handle e-key and the amount of the owners actually; you also can just delete single son key correctly only if one of e-key lost or lodger moved out not return son key, it's unnecessary to delete all son keys and reset again.

Besides, this lock has a function of deleting master key; former master key can be deleted when master key lost, then, set new master key, and son key can be increased or deleted.

Remark A:

The identification of master key is decided by lock, and only one master key can be set in every set of lock, the internal code of e-key received by the lock will be set to be master key automatically if master key doesn't set, and the other son key only can be set after master key agreeing.

● Configure Master Key

Prior to first use after installation or after deletion of the master key, you must configure a new master key. Proceed as follows.

*Press the Start Button. You will hear a continuous beeping tone indicating that a master key has not yet been configured.

1. Hold the e-key you have selected to be the new master key in the proximity of the Start Button until the beeping tone stops and the power indicator light remains continuously lit. And raise e-key.

2. Press Set Button and buzzer will be beeped 2 long beeps, and start setting three's place' password (PS1) within 5 seconds, after key in the password, master key's setting is finished when you hear 2 long beeps.(PS2)

PS1.

Please key in password first before setting or deleting master key; the password must be three's place, every digit can be any digit from 0~9; it means 1 when press Set Button once; press Set Button twice means 2,; and press ten times continuously is 0, it means key in one digit of password when press Delete Button once after press one number, and press next digit within 3 seconds. E.g. : the password is "123", the setting step is as follows:

1. Press Set Button once (it means 1); then press Delete Button once. (first digit is keyed in)

2. Press Set Button twice (it means 2); then press Delete Button once. (second digit is keyed in)

3. Press Set Button three times (it means 3); then press Delete Button once. (third digit is keyed in). You can hear 2 long beeps after about 2 seconds, it means the setting of master key is finished.

PS2.

The master key's setting is failed when buzzer has 5 short beeps if discontinue password key in over 3 seconds when you setting, please reset from step 1.

● Configure Son Key

1. Press the Start Button.

2. Let the sensor read the master key. You will hear a short beep (Remember the key needs to be in close proximity of the Start Button to be read successfully).

3. Press the Set Button and let the device read the new son key. You should hear another short beep.

4. Press the Set Button again. You should hear three short beeps, indicating that the new son key has been successfully configured.

If you hear one short beep but the power indicator light turns off while you are configuring the son key, it means that this son key already exists as a configured key and is not a new key.

Repeat this procedure for each new son key you wish to configure.

● Delete One Son Key

1. Press the Start Button and let the device read the master key.
2. After hearing one short beep, press the Delete Button. You should hear one short beep. If you DON'T hear a beep then the device has NOT read the master key.
3. Let the device read the son key one number in numerical sequence before the number of the key you wish to delete. For example:
 - use son key #9 here if you want to delete son key #10
 - if son key #9 does not exist (i.e. not configured) use son key #8
 - use the master key if you want to delete son key #1
4. After hearing another short beep, press Delete Button again.
5. You will hear two short beeps indicating that the deletion is completed.
Repeat this procedure for each additional son key you wish to delete.

● Delete All Son Keys

1. Press the Start Button and let the device read the master key. You will hear one short beep.
2. Press the Delete Button 5 times in succession. You will hear two short beeps and one long beep confirming that all the son keys have been deleted.

● Delete Master Key

1. Press Set Button and Delete Button at same time, then press Start Button; and release Start Button when green light shine and release Set Button and Delete Button after 2 long beeps, and go on next step within 5 seconds.
2. Key in three's place's pass word, you will hear 1 long beep, indicating master key has deleted.
※ Master key delete failed if you hear five beeps, please repeat operation anew again.

● Lock/Unlock

* Please see and operate according to the sequence of the diagram in page 3 for reference.

1. Press and hold the Start Button with the e-key until you hear a short beep.
2. Turn the lock knob within 5 seconds to lock/unlock the door.

Note: Once the Start Button is pressed the power indicator light will flash for 5 seconds while the device attempts to read the e-key (The e-key must be in close proximity to the Start Button to be read successfully). If a valid e-key is read, a short beep will be heard and the power indicator light will remain lit (on continuously) for 5 seconds while the lock is active. If no valid e-key is read the flashing power indicator light will simply turn off after the 5 seconds.

● Low Voltage Indicator(for main batteries)

1. Low voltage of battery alarm:

Red light flashed (stop after 5 seconds) after press Start Button, it means low voltage of the battery (it still can open/lock the door), please change new battery.

2. Power insufficient direction:

Red light lightened (stop after 5 seconds) after press Start Button, it means power of the battery insufficient, it can not open/lock the door. Please supply the power with the battery of 1.5V R6 (AA/No.3) from the place of power supply emergency.

※ When supply the power with emergency power, please loosen the screw with hexagon spanner, disassemble the cover, and take the wire of emergency power, and open the connection buckle, red wire connects anode(+); black wire connects cathode(-), and press 2 poles by thumb and forefinger, then, go on the general open step. After opening the door, please change internal battery immediately, and buckle up the connection buckle, and check normal open/lock door, return and fix the cover after it's OK.

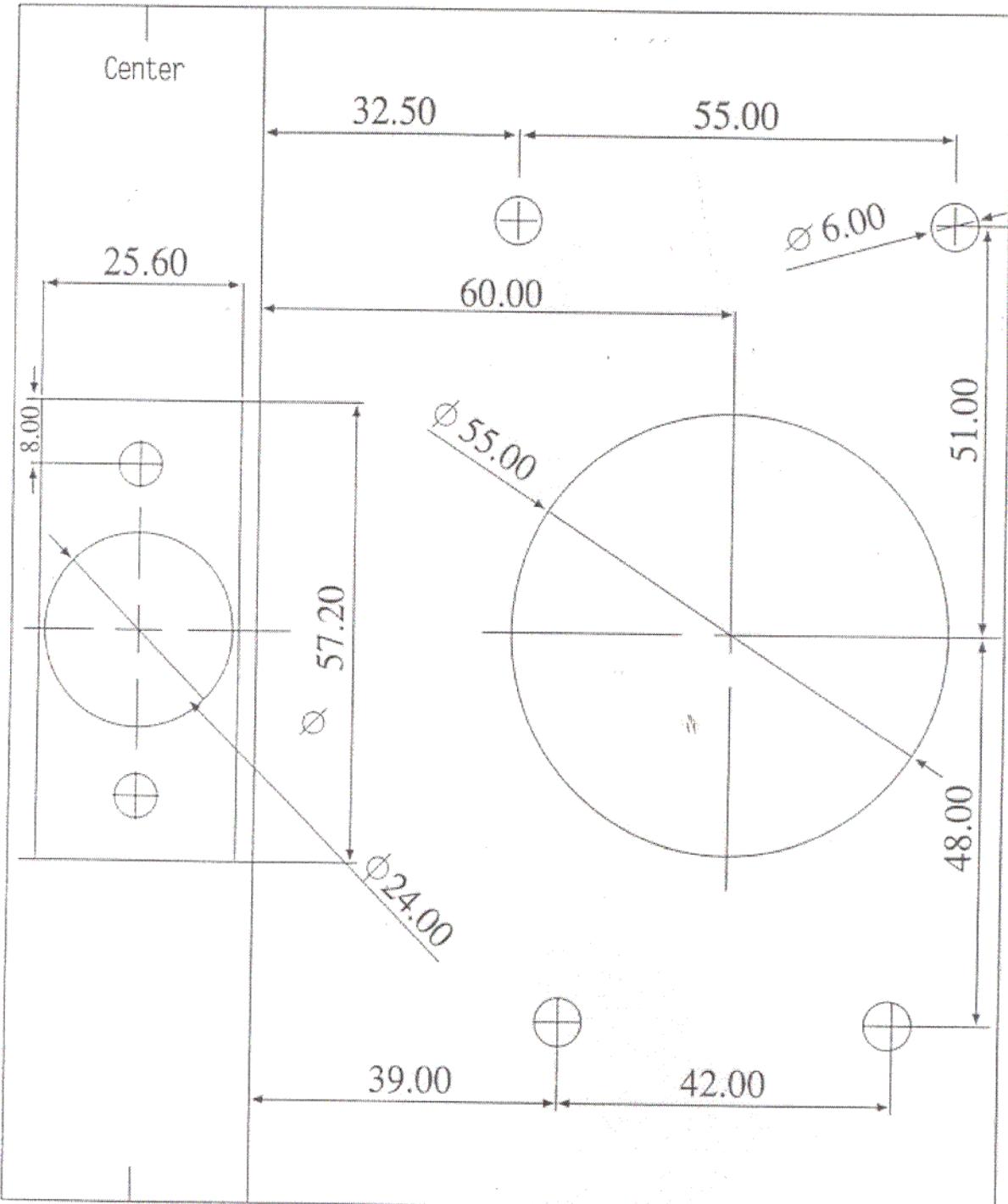
3. Please keep master key carefully and remember the password, and contact with the supplier to handle as soon as possible if it lost or damaged.

● DIY Template

Door Thickness
32mm~46mm

(Door)

Unit:mm



Scale 1:1

● List of e-Key Holders ●

NO.	NO. code	Key Holder	NO.	NO. code	Key Holder
Master key			26		
1			27		
2			28		
3			29		
4			30		
5			31		
6			32		
7			33		
8			34		
9			35		
10			36		
11			37		
12			38		
13			39		
14			40		
15			41		
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17			43		
18			44		
19			45		
20			46		
21			47		
22			48		
23			49		
24			50		
25					