KAS
KEYLESS ACCESS SECURITY

Hardware Installation

Guidelines Before Use

1. Electronic locks are sensitive and advanced products with fragile micro-chips and hardware. Please be aware that the position and type of environment the lock is installed in can affect its lifespan.
2. To install the lock, we recommend professional carpenters or builders. Incorrect installation of the lock can lead to irreparable damage and void of warranty.
3. After the lock is installed, please change the default management pin code immediately and keep a record of your new code.
4. Keep the backup mechanical keys in a safe secure location which can be conveniently accessed if required.
5. A low voltage alarm will sound when the **4 x AAA** batteries need replacing.
6. Make sure the batteries are in the correct positive/negative terminals. Incorrect positioning of the batteries may short circuit and permanently damage the lock.
7. Please read the manual carefully before use, and operate the lock in accordance with instructions.
8. This manual applies to all e-Touch Bluetooth products unless otherwise stated.
9. Disclaimer: Figures and characters in this manual are for manual demonstration and may not reflect the exact type or style of each model. We reserve the right to display any product that best demonstrates the manual content.

Installation and Setup

Lineation
1. Select your lock height, and place a marking on the door where you want the lock to sit.
2. From this marking, measure out the backset (60mm or 70mm).
3. Measure out the other markings required that are provided on your drilling template.
4. Do this for both sides of the door.

Drilling
1. Drill your 2 marked 'back to back' holes. It is recommended to drill half way on each side of the wood to reduce chances of the wood splitting.
2. Drill out the latch hole on the side of the door.
3. Place your latch in the hole on the door edge and mark around the faceplate.
4. Chisel out the faceplate markings from your door. This is required to be 3.5mm deep.

Lock Installation
1. Take your latch and place it in the pre-drilled hole **[Image A].**
2. Screw it into place with the 2 screws provided.
3. Ensure the rubber gasket cover is on both sides of the locks.
4. Ensure to screw on the spindle with the 2 M3 screws provided. This will ensure the spindle does not dislodge from the front handle clutch plate.
5. Place the front handle and on the door, ensuring all spindle is inserted into the square clutch with screws and holes lining up. Place the wires from the lock through the rubber gasket and through door hole to ensure no pinching of the wires and a flush covering **[Image B].**
6. Place the Back-plate frame onto the back of the door and screw into place **[Image D].**
7. Connect and line up the back handle to fit the spindle, screw into place.
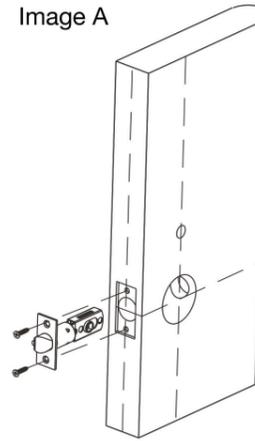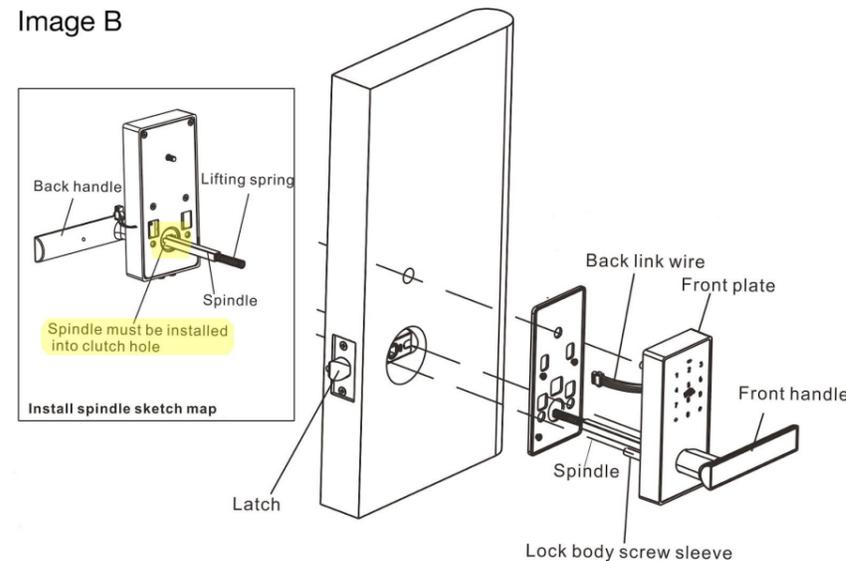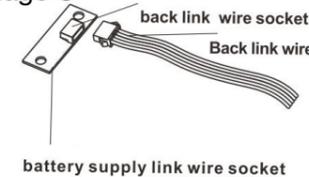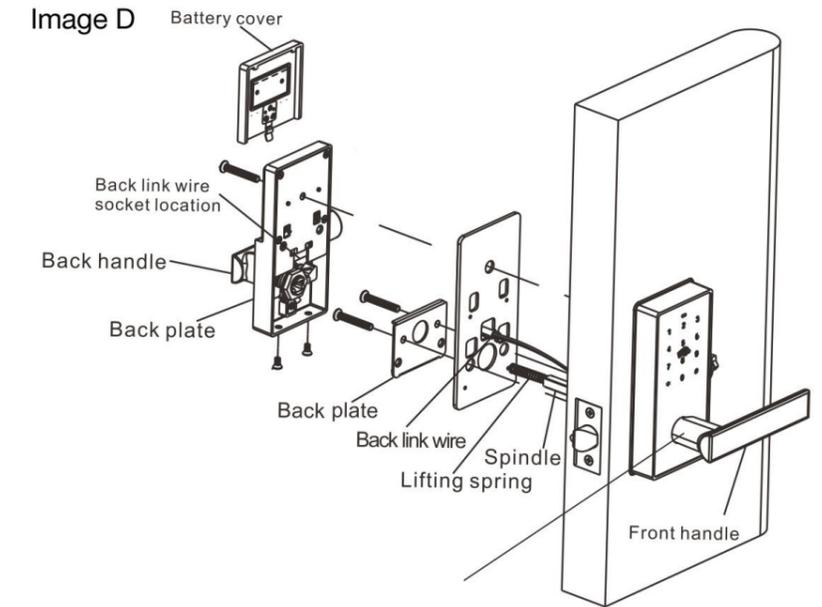
Image A

Image B

8. Gently connect the wire together **[Image C].**

Image C

9. Place the back handle onto the metal frame; screw the 2 screws at the base of the lock and 1 screw in the battery pack area **[Image D].**
10. Insert batteries.
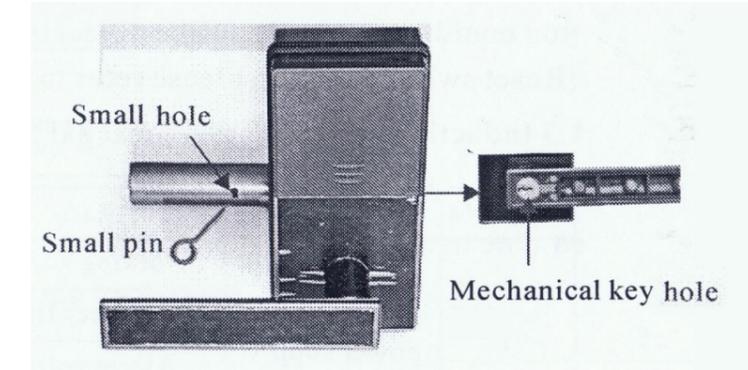11. Your lock is now ready for programming, see instructions below.

12. Please keep the mechanical back up keys in a safe and secure location in case of battery depletion or electronic malfunction
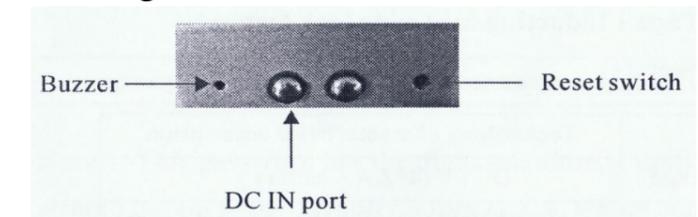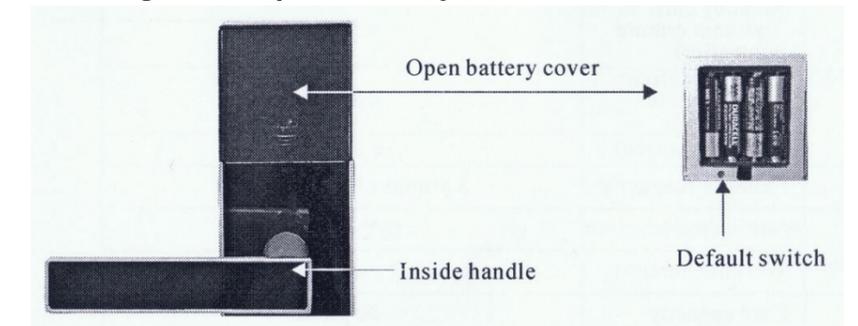
Image D

Figure Diagrams
1.1   Figure Mechanical Cylinder Location

1.2   Figure Base Of Front Plate

1.3   Figure Backplate Battery Location

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User Guide & Keypad Programming Instructions

Operational Instructions
- For every keypad operation you need to touch the keypad to wake up the lock.
- " * <Master Code> * " - Enter programming mode [red LED ON]
- Setting Successful   - 1 long beep will sound
- Setting Unsuccessful   - 3 beeps will sound

Standard Operation of the Lock
To lock your door, simply pull your door closed, the lock is always in a "locked" state from the outside. To unlock the door, enter a pin code, swipe RFID tag or Bluetooth app. The internal handle is always free passage. For exit, simply rotate the internal handle downwards.

Program Pin Codes

Unlock the door by pin code
Touch keypad to wake up, Enter pin code [4-6] digits, Press '*', Door will unlock.
Example: *" 1 2 3 4 5 6 * "*
Example: *" 2 3 4 5 * "*

Modify Master Code
Master Code is used as the 6 digit programming code to change any lock settings. Master code will also open the door. **Default: "123456"**, must be 6 digits only.
Example: *" * 1 2 3 4 5 6 * 0 * 2 2 3 3 4 4 * "*
This has modified your Master Code to " 2 2 3 3 4 4 "

Add User Pin Code
Pin Codes can be set for any user wanting to access the door by entering a Pin Code in the lock keypad. Must be 4 - 5 digits. Capacity: 29.
Example: *" * <Master Code> * 1 * 2 3 4 5 * "*

Delete ALL User Pin Codes
This deletes <u>ALL</u> User Pin Codes except the Master Code. Please use the Bluetooth App to delete individual User Pin Codes.
Example: *" * <Master Code> * 2 * * "*

Program RFID Card or FOB

Unlock the door by RFID Card or FOB
a. Touch keypad to wake up, Press '#', Swipe RFID Tag.
b. A beep will sound, motor engages. Now rotate handle to open the lock.

Add Master RFID Card or FOB
Master RFID Card or FOB is programmed for usage when the door lock is in "Schedule" mode which is set by Bluetooth app.   Capacity: 1.
a. Enter "Programming Mode" Press "3", then press " * " .
b. Swipe the RFID tag you wish to program as Master.
Example: *" * <Master Code> * 3 * <swipe RFID tag> ".*

Add User RFID Card or FOB
User RFID Card or FOB can only be programmed by this method. To add an additional User RFID Card or FOB, you have to repeat this setting again. Capacity: 29 .
a. Enter "Programming Mode" Press "4", then press " * "
b. Swipe the RFID tag you wish to program as a user.
Example: *" * <Master Code> * 4 * <swipe RFID tag> ".*

Delete Key Cards or FOBs
Delete ALL User <u>AND</u> Master RFID Cards and FOBs. Please use the Bluetooth App to delete individual User RFID Cards and FOBs.
a. Enter "Programming Mode" Press "5", then press " * " <u>twice.</u>
Example: *" * <Master Code> * 5 * * ".*

Free Passage Mode

Free Passage Mode
Free Passage Mode will leave the door in an "unlocked" state until deactivated. Toggles between Free Passage enabled and disabled.
a. Enter "Programming Mode" Press " 6 ", then press " * " <u>twice.</u>
Example: *" * <Master Code> * 6 * * ".*

Free Passage Mode Duration
Set the 'Free Passage Duration' setting to countdown the duration of Free Passage. To enable correct, you must set before enabling "Free Passage Mode'.
a. Enter "Programming Mode" Press " 7 ", then press " * " .
b. Enter the duration in minutes up to 999 mins., then press " * ".
i.e. 001= 1 min, 060 = 60mins.
Example: *" * <Master Code> * 7 * 0 6 0 * ".*

Other Settings

Adjusting the Clock
a. Enter "Programming Mode" , Press " 8 ", then press " * ".
b. Enter the date and time 'YYYYMMDDhhmm', then press " * " .
i.e. 201705292249 = 2017 May 29th 10:49pm.
*Example: * <Master Code> * 8 * 2 0 1 7 0 5 2 9 2 2 4 9 ***

Buzzer Volume
a. Enter "Programming Mode" Press " 91 ", then press " * ".
b. Enter a volume option (0,1,2,3,4 or 5), then press "* ".
0 = 0% OFF, 1 = 20%, 2 = 40%, 3 = 60%, 4 = 80%, 5 = 100%..
Example: *" * <Master Code> * 9 1 * 3 * ".*

Adjusting the Auto-Locking Time
Adjusting the auto-locking time will change the delay between the door unlocking and locking. Default: 4 seconds.
a. Enter "Programming Mode"   Press " 93 ", then press " * " .
c. Enter the duration in seconds. ie " 08 ", then press " * ".
Enter from 02-30 seconds.
Example: *" * <Master Code> * 9 3 * 0 9 * "*

Factory Settings

Factory Reset
This removes ALL programmed data and resets Master Code to default. Note: You can reset the lock from the lock device or from the Bluetooth App.
a. Enter "Programming Mode" , Press " 99 ", then press " * ".
b. Press " 99 " again, then press " * " .
Example: *" * <Master Code> * 9 9 * 9 9 * ".*

Master Code Reset
This will reset the Master Code to default and <u>WILL</u> retain all other programmed data. [Figure 1.3] The default switch is located under the battery cover. Press and hold the default switch for 10 seconds and a red LED is displayed while holding. Keep pressing until you hear a long beep.

Power and Battery Replacement

Low Battery Alert
If the power/batteries are low a warning alert will signal before every valid entry. The battery alert signal comprises of 10 short beeps with 10 red LED flash. It is recommended to change your batteries as soon as you hear the alert to avoid any potential malfunction due to low power.

Replacing the Batteries
[Figure 1.1] Batteries are recommended to be replaced every 9-12 months. Replacing the batteries will not lose any stored data.
a. Remove battery cover by sliding it upward .
b. Insert new batteries and replace the battery cover.
NOTE: Must use high quality 4 x AAA alkaline batteries. Low quality alkaline batteries can affect the functionality of the lock electronics.

Use of External 9V Backup Power
If the batteries are depleted, place and hold a 9V alkaline battery on the terminals [Figure 1.2 DC IN port] at the bottom of the lock . This will temporarily power the lock so you can enter the pin code or key card/FOB or unlock the door via Bluetooth App.

Troubleshooting

Mechanical Override Keys
Should you need to open your door without using electronics, a physical Master Key is required.
a. Insert a small pin into the hole at the back of the front handle [Figure 1.1]
b. Push out the cover and remove the black handle panel from the front handle
c. Insert key into key barrel and turn.

Reset Switch
The reset switch on the rear of the front handle [Figure 12.2] will reset the electronics. It will not display any signal and will retain all programmed data.

Troubleshooting

Keypad not functioning	Touch the lock with your palm to wake it up.
Alarm sounding before entry	Low battery alert - change batteries.
Forgot Master Code	Conduct Master Code Reset and then create a new Master Code.
Electronic/System Malfunction	Try Power Cycle by removing and replacing the batteries. Try a new set of batteries. Electronic components work best with a new set of batteries and a power cycle.
Latch not retracting	Listen for a motor sound. If no, the motor has failed and will need a replacement. If yes, use mechanical key for access.