Kaadas KA210A Smart Key Free Touchscreen Lock with Fingerprint Installation Guide

Kaadas

KA210A
Smart Key-Free
Touchscreen Lock
With Fingerprint
Installation Guide / Quick Start Guide

Thank you for purchasing our products. Please review this manual thoroughly before operating your device. All pictures in this manual are for Mlustration purpose only. Actual product may vary due to product upgrade.

Contents

Installation Guide

Read this manual carefully before installing and operating.

## Quick Sart Guide

Do not use an electronic scewdriver or drill during installation.

⚠️ **IMPORTANT:** Do not load batteries until the lock is completely installed.

Parts List

A Exterior Assembly x1	B Latch x1	C Mounting Plate x1	Interior Assembly x1
E Battery Cover x1	F Interior Assembly Screws x3	G Mounting Plate Screws x4	H Strike Plate x1 H-1 Reinforcement Plate xl (optional)
		(35mm<door thickness<43mm) (43mm<door thickness<50mm)	
I Strike Plate Screws x4 J Latch Screws x2	K Reset Tool L Drive-In Collar (Optional)	M Z-Wave Module (Optional)	N AA Battery x4

STEP 1 Prepare the door and check dimensions

A
Measure to confirm that the bore hole is 1-112″ or 2-1/8″ (38mm or 54mm).
Measure to confirm that the hole in the door edge is 1″ (25mm),
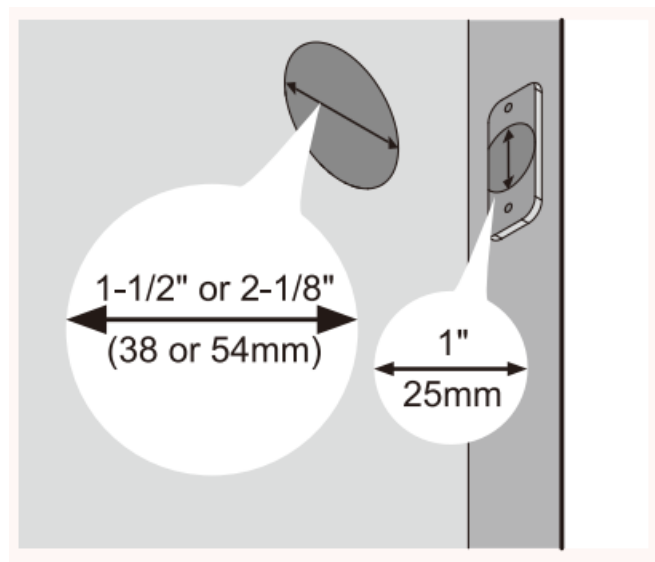
B
Measure to confirn that the backset is either 2-3/8″ or 2-3/4″ (60 or 70mm)
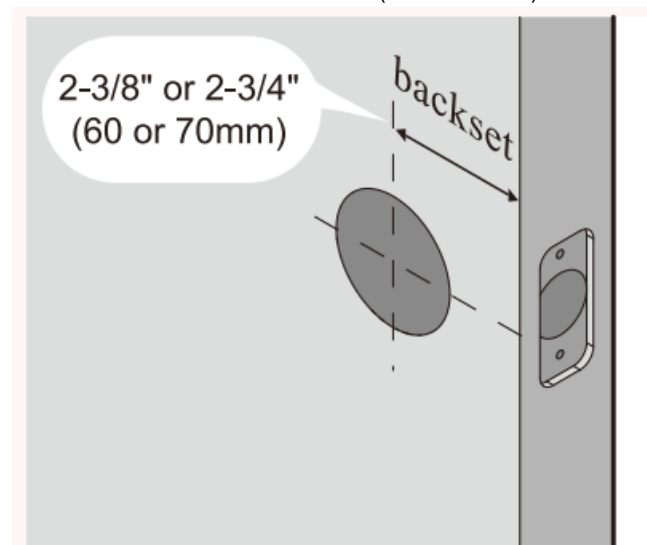
C
Measure to confirm that the door is 1-3/8″to 2″ (35mm to 50mm) thick.
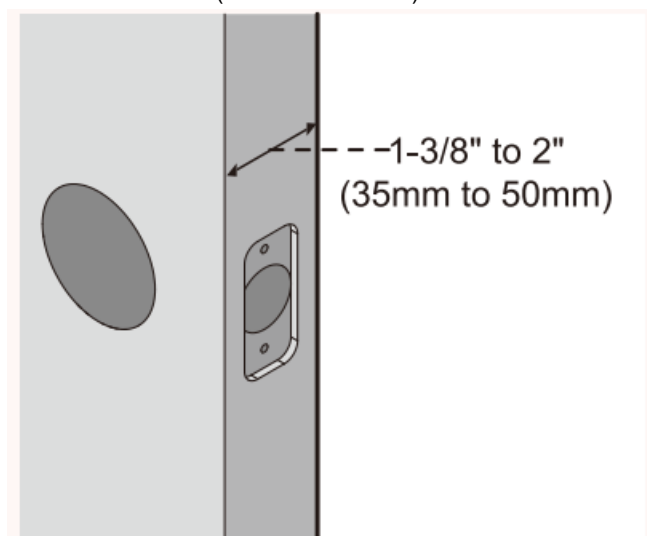
D
Make sure the hole in the door frame is drilled a minimum of 1″ (25mm) deep, to leave enough space for the ″ deadbolt to extend into the door frame when the door is locked.
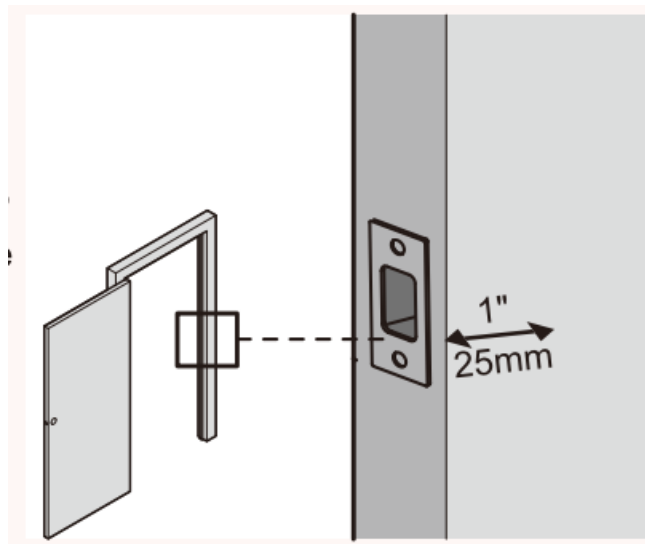
Notes: Make sure the door frame is aligned with the door and there are.
no obstructions stuck in the door frame.

STEP 2 Install the latch and strike

A
Determine backset and adjust the latch.
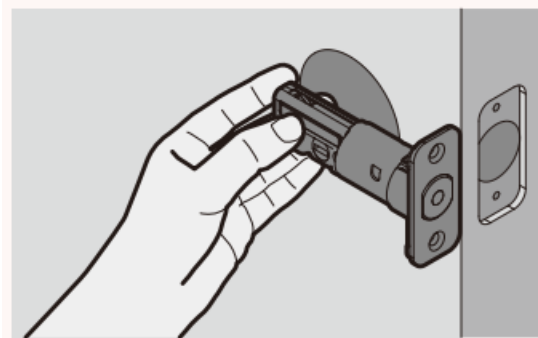
Hold the latch in front o the bore hole, with the latch face flush against the door edge. Is the siotted hole contered in the door hole?
YES
No adjustment is required.
Proceed to next step
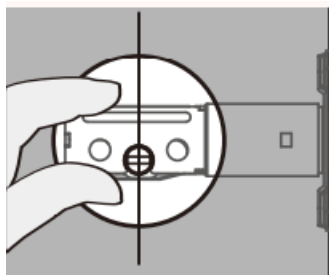
NO
Slotted hole is NOT centered.
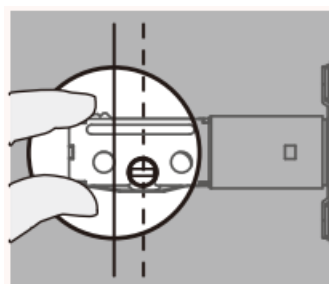
Rotate and pull the latch as shown to extend latch.

B
Install the latch.

Chiseled

Latch Screws (J)

Not Chiseled

Drive-In Collar (L)
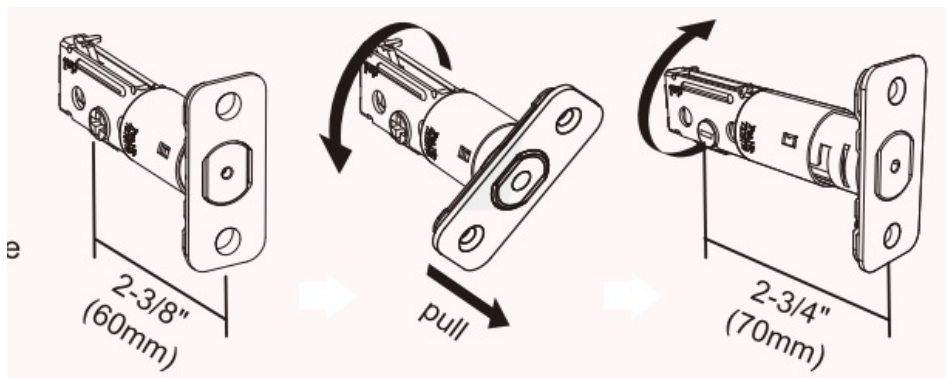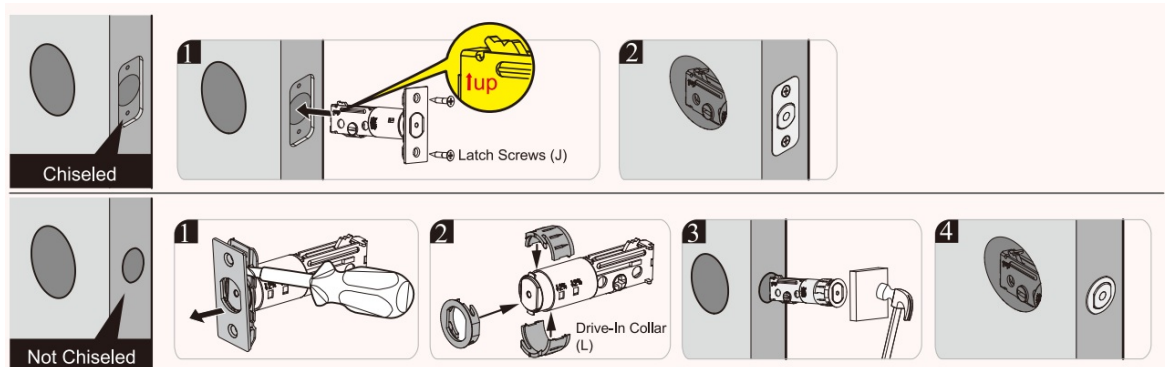
C
Use a screwdriver to test if deadbolt works smoothy.
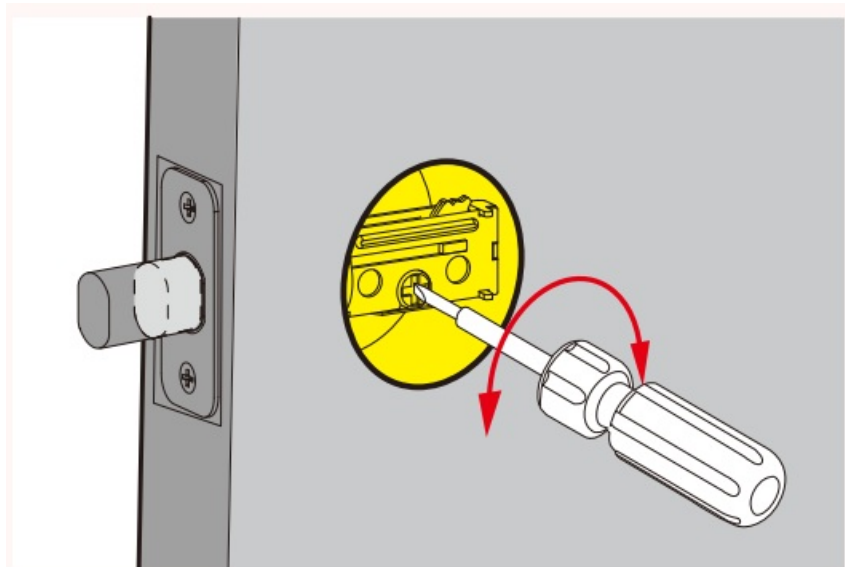
D
Install strike on the door frame.

⚠️ **IMPORTANT:**
Make sure the hole in door frame is drilled a minimum of 1″ (25mm) deep.
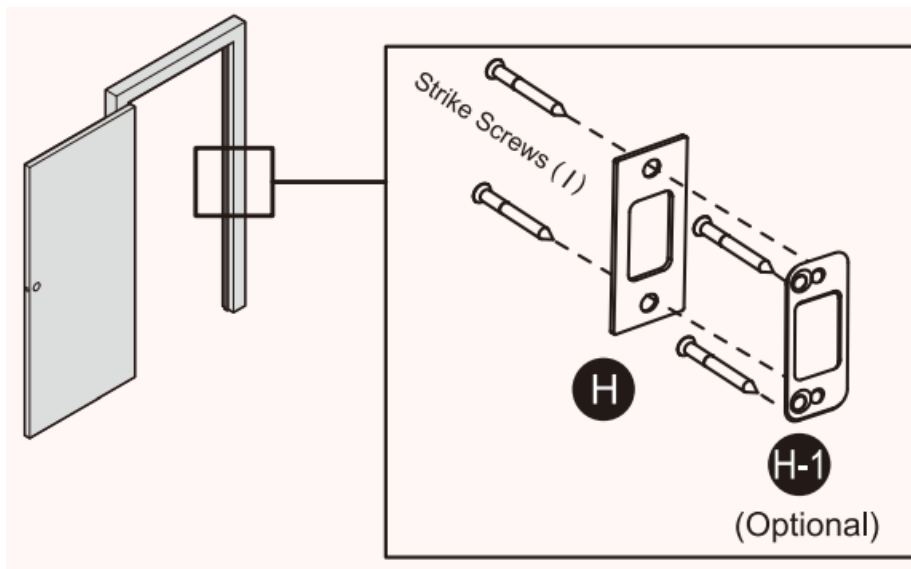
STEP 3 Install exterior assembly

IMPORTANT:
Before installation, make sure the latch is fully retracted (in the unlocked position)
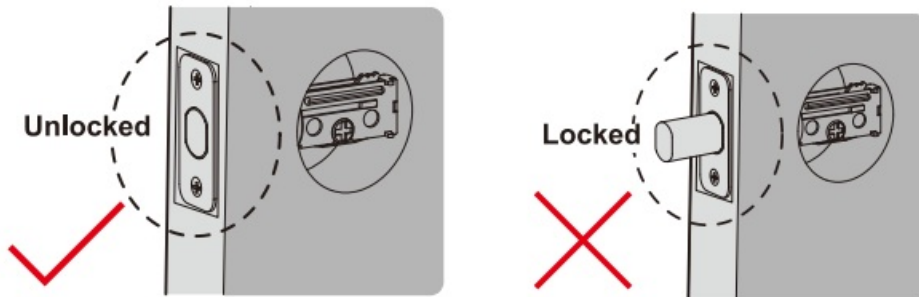
A
Measure the diameter of the hole in the door.
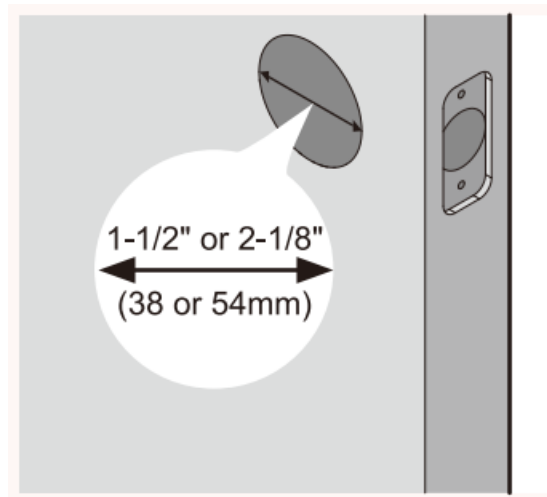
1-1/2″ (38mm)
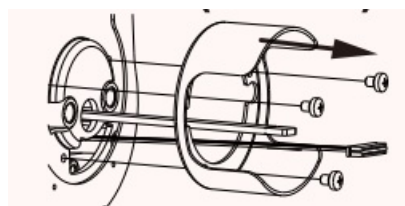
Remove the fire cup
Note: Remove the fire cup may impact fire rating
2-1/8″ (54mm)
Proceed to next step
B

With the latch bolt fully retracted (in the unlocked position), route the cable from the exterior keypad assembly below the latch.
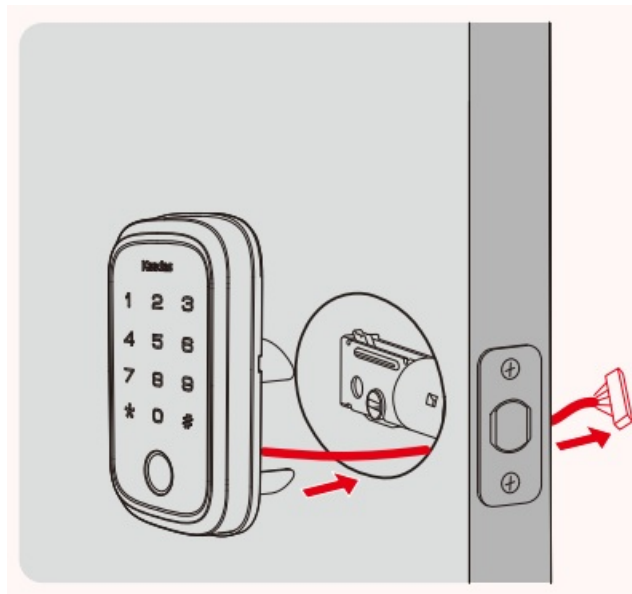
C
Secure the mounting plate with the supplied screws. Do not overtighten screws.

Keep parallel to door edge.

Mounting plate Screws (G)
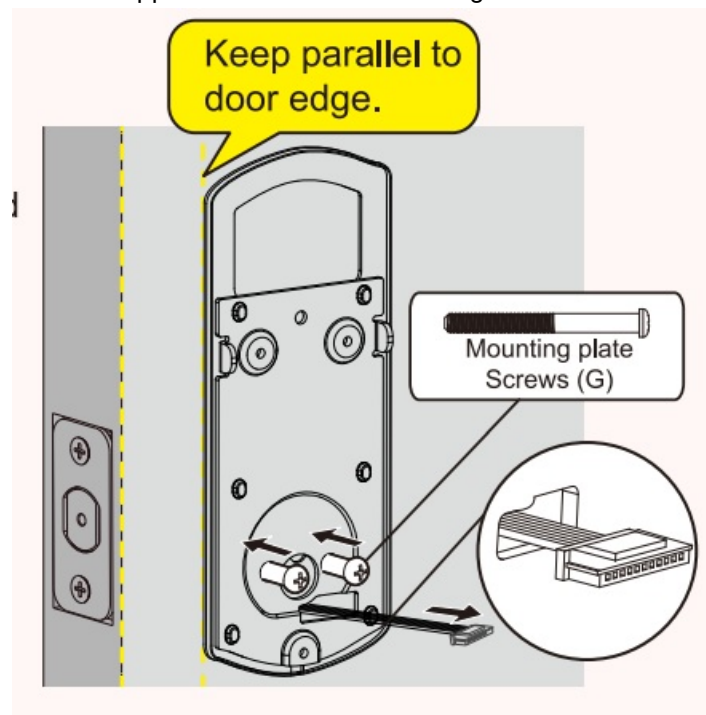
STEP4 Install interior assembly

A Push the battery cover up in the direction as illustrated.
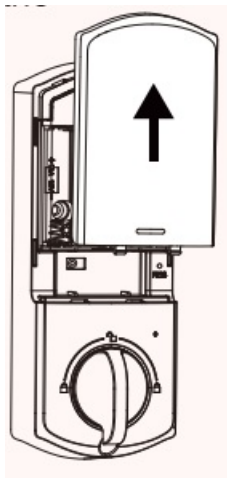
B
Insert the cable into the connector.
Push the connector in firmly until it is completely attached.
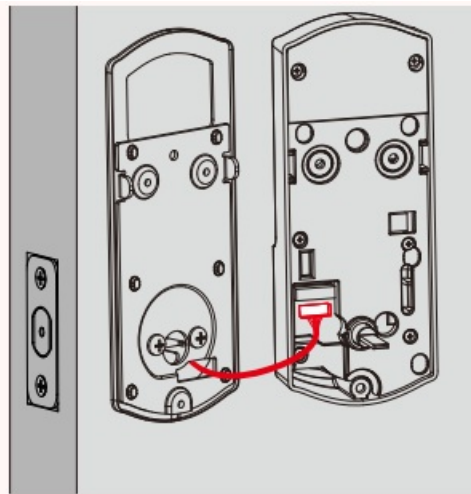
C
Keep the thumb turn in the vertical position and install the interior assembly.

Horizontal
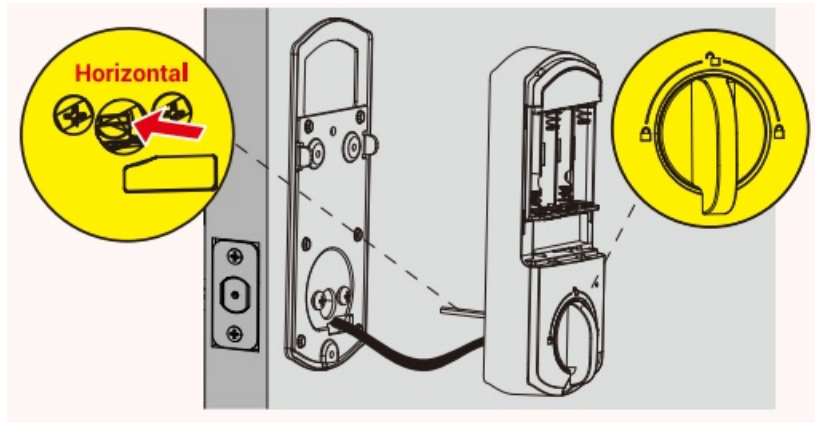
D
Attach interior assembly to mounting plate and tighten 3 screws.
'The thumbtum can be moved slightly to faciltate the installation of the third screw.
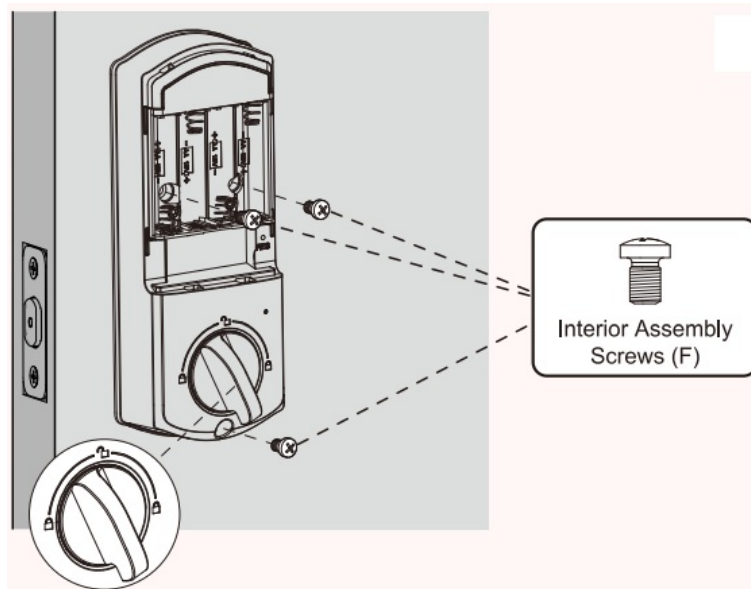
E

Insert the Z-Wave module and make sure the network Module is securely plugged in.

Note: Before inserting the module, make sure the lock does not have a battery installed.
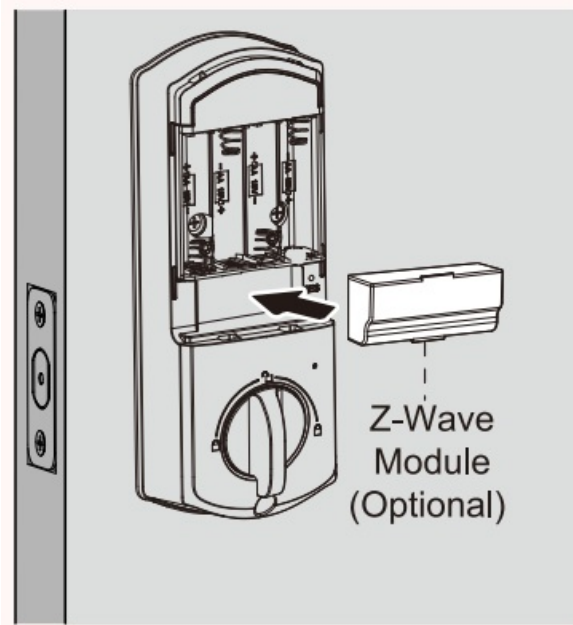
STEP 5 Insert batteries to calibrate the lock handing process.

 IMPORTANT: This step is required and crucial for the lock after installation.

A

With the device unlocked, insert 4 AA alkaline batteries into the battery pack.
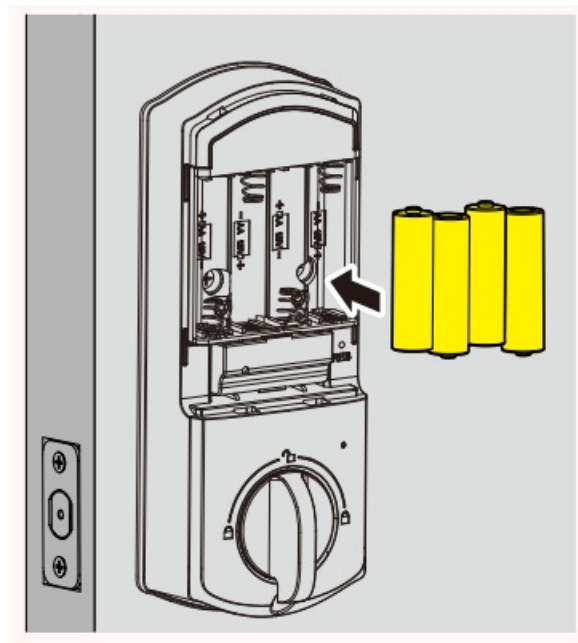
B
Use the Reset Tool to press and hold the Reset Button for more 5 seconds unti you hear a long "BEEP".

Reset Button
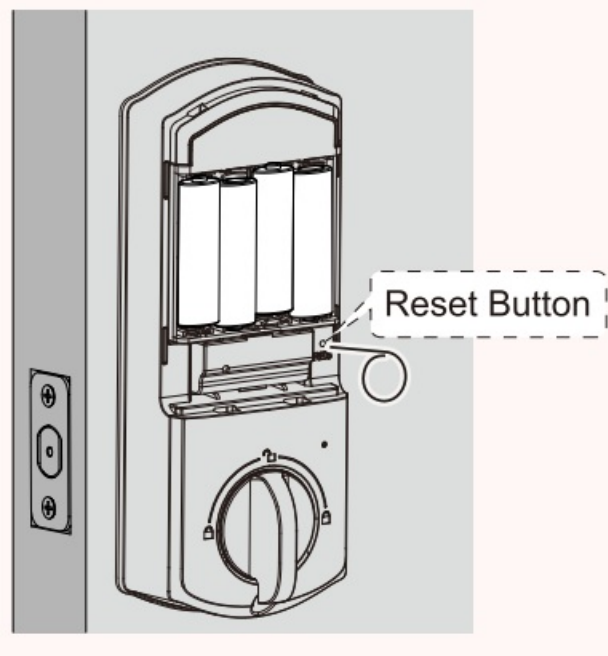
C
If the reset s successful, the fatch bolt will extend on its own to learn the handing orientation of the door.
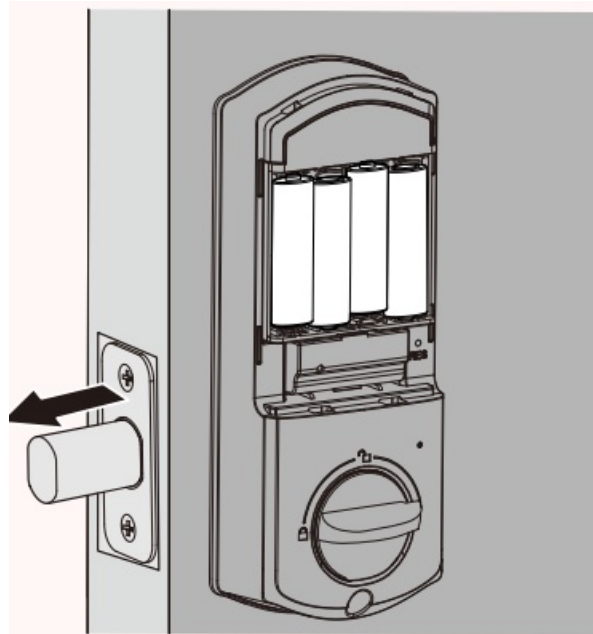
How to Lock / Unlock

Unlocking the door from outside

1. Master/ User PIN Code

2. Fingerprint

3. Kaadas Home App /Z-Wave System App

Locking the door from outside

1. Manually

   Press any butten on the keypad for 1 second to lock the door.

2. Auto Lock Mode

   In Auto Lock Mode, the lateh bolt is automatically extended after unlocking.

3. Kaadas Home App /'Z-Wave System App

Unlocking the door from inside

1. Rotate the thumb, tum to the unlock position.
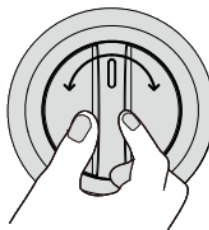
2. Kaadas Home App /Z-Wave System App

Locking the door from inside

1. Manually

   Rotate the thumb turn to the lock position.

2. Auto Lock Mode

   In Auto Lock mode, the device 7 will be locked 7 automatically.

3. Kaadas Home App /Z-Wave System App

At a Glance

Exterior Assembly

Kaadas - - - - - - - - - Outside Indicator

Touchscreen Keypad

Fingerprint Sensor

USB Type-C emergency power port

Interior Assembly

- Battery Cover
- Reset Button
- Z-Wave Module
- Internal Indicator
- Thumb Turn
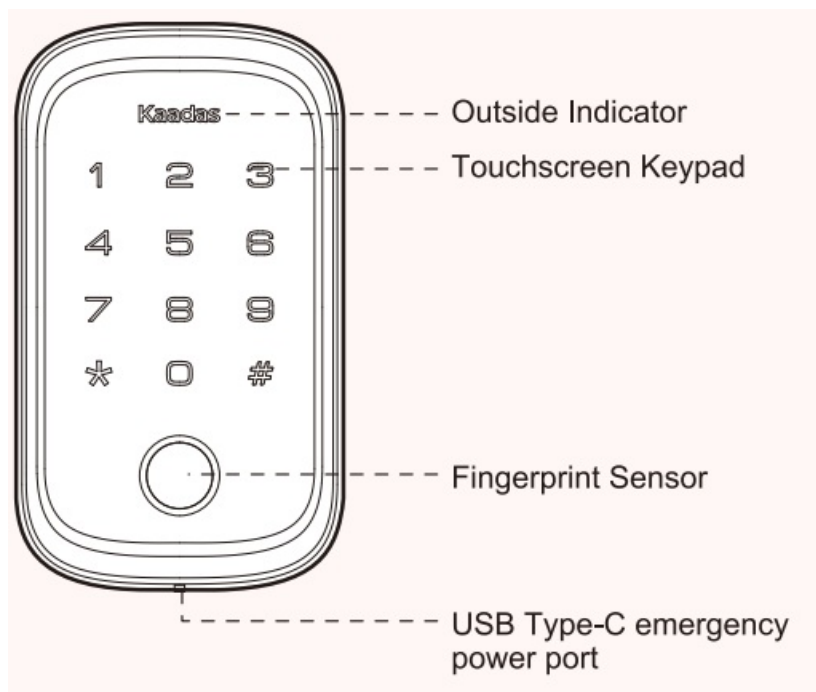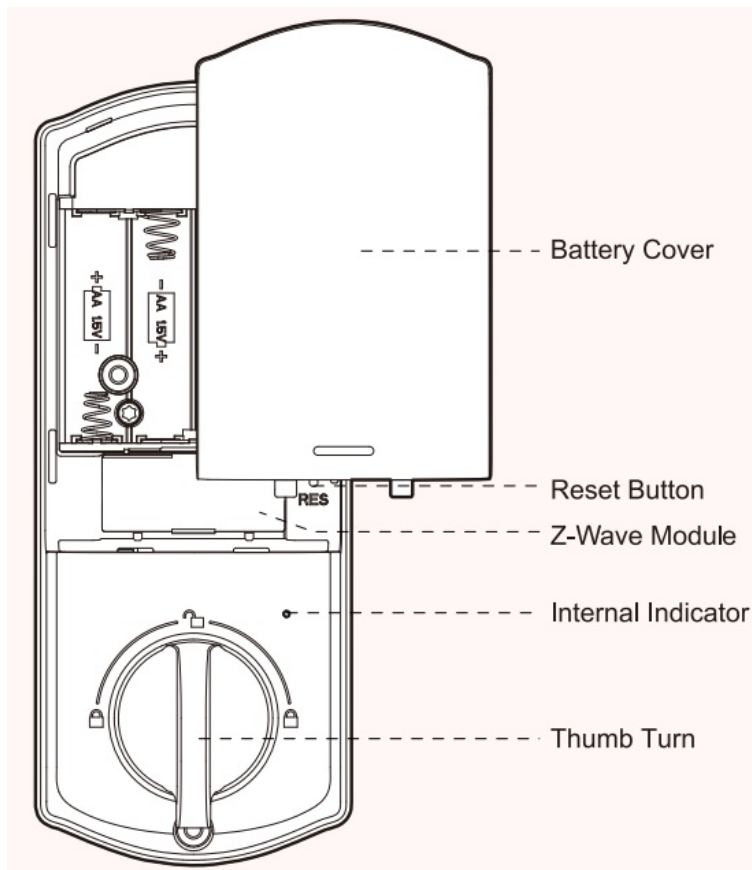
Definitions

Master PIN Code
Required for programming and feature settings, the Master PIN Code can be used to unlock the door while in away mode. The default Master PIN Code needs to be changed before programming the lock for security reasons.

Auto Lock
If the Auto lock feature is enabled, the lock will lock the door 30 seconds after it has been unlocked. This feature is off by defautt. You can set the time delay for 30s, 60, 120s and 180s in both Master Mode and the Kaadas Home App.

Wrong Entry PIN Code Limit
After 10 attempts of entering an invalid User PIN Code or Fingerprint, the unit will shut down for 3 minutes.

Away Mode
This is a safety feature for you when you leave your house for vacation or a long trip. When you activate Away Mode, all User PIN Codes and user fingerprints wil be locked untilthe Master PIN Code is entered on the keypad. When the lock is uniocked by, an alarm will 'sound for 1 minute. By entering the Master PIN Code on the keypad, You can disable the alarm and Away Mode.

Silent Mode
The beep sounds when pressing keypad can be muted.But you will still hear low battery and system alerts.

One Time User Code
This code can only be used once and is automatically deleted after used,

Low Battery Alarm
If the battery indicator keeps flashing, the batteries are getting low.
For the best performance replace with four new AA alkaline batteries.

Code Format

1. Master PIN Code (4 to 10 digits): The default Master PIN Code 12345678. Change the default Master PIN Code

before programming other codes.

2. User PIN Code (4 to 10 digits): A total of 250 User PIN Codes (including One-Time PIN Code) can be programmed and stored in the lock.

3. Both Master and User PIN Codes do not support the following combination of numbers.

Z-Wave™ Module installation and user guide

(Optional network module required)

1. Make sure the network Module is securely plugged in,see page 7, step 4, section E for details.
2. Open the Z-Wave system's smart home or alarm app on your smartphone or tablet and follow the instructions in the app for adding a new smart lock.
3. Touch the lock keypad with your hand to activate the lock
4. Enter the Master Mode by Pressing ✲✲ + master PIN code (the default master PIN code is 12345678) + #
5. Press the 0 key + # key to enter the Network settings.
6. Press the 1key ++ # key to add the module(smart lock) to your Z-Wave system;Press the 2 key + # key to remove the module(smart lock) from your Z-Wave system.

Quick Set Up

⚠ **IMPORTANT:**
The default Master Code is 12346678 .
It is required that you change it to a code of your own before programming.

Function	Step 1	Step 2	Step 3	Step 4
Change Master PIN Code	✲✲ + Master PIN Code + # — Wait for green light to flash	Press ① — Wait for green light to flash	New Master PIN Code + # — Wait for green light to flash	New Master PIN Code + # — Green light will flash
Add User PIN Code	✲✲ + Master PIN Code + # — Wait for green light to flash	Press ② — Wait for green light to flash	New User PIN Code + # — Wait for green light to flash	New User PIN Code + # — Green light will flash
Delete User PIN Code	✲✲ + Master PIN Code + # — Wait for green light to flash	Press ③ — Wait for green light to flash	Unwanted User PIN Code + # — Successful Green light will flash	
Add User Finger-prints	✲✲ + Master PIN Code + # — Wait for green light to flash	Press ④ — Wait for green light to flash	Scan fingerprint 8 times. Each successful attempt will produce a short beep. Green light will flash + BEEP	
Delete User Finger-prints	✲✲ + Master PIN Code + # — Wait for green light to flash	Press ⑤ — Wait for green light to flash	Scan unwanted fingerprint 1 time Green light will flash + BEEP	
Silent Mode	✲✲ + Master PIN Code + # — Wait for green light to flash	Press ⑥ — Wait for green light to flash	① + # Silent Mode disabled when green light flashes; ② + # Silent Mode enabled when green light flashes	
Auto Lock	✲✲ + Master PIN Code + # — Wait for green light to flash	Press ⑦ — Wait for green light to flash	① + # Auto Lock disabled when green light flashes; ② + # Auto Lock 30s enabled when green light flashes; ③ + # Auto Lock 60s enabled when green light flashes; ④ + # Auto Lock 120s enabled when green light flashes; ⑤ + # Auto Lock 180s enabled when green light flashes	
Away Mode	✲✲ + Master PIN Code + # — Wait for green light to flash	Press ⑧ — Wait for green light to flash	Press # — Away Mode Enabled	
Add one-time code	✲✲ + Master PIN Code + # — Wait for green light to flash	Press ⑨ — Wait for green light to flash	New User PIN Code + # — Wait for green light to flash	New User PIN Code + # — Green light will flash
Network settings	✲✲ + Master PIN Code + # — Wait for green light to flash	Press ⓪ — Wait for green light to flash	① + # Join Network when green light flashes; ② + # Join Network when green light flashes	

Notes:

1. Beeps only sound when the Silent Mode s disabled.
2. If the indicator light lashes red, your setting failed and you will need to redo the operation.

## Factory Default Settings

How to Reset ?
Resetting the device will delete all User PIN Codes and Master PIN Code stored in the lock.
Step 1. Keep the door open and the lock unlocked (thumb turn will be vertical).
Step 2. Using the Reset Tool, press and hold the Reset Button for 5 seconds unti you hear the "BEEP" and the latch rotates, turning the thumb turn to the vertical position automaticall
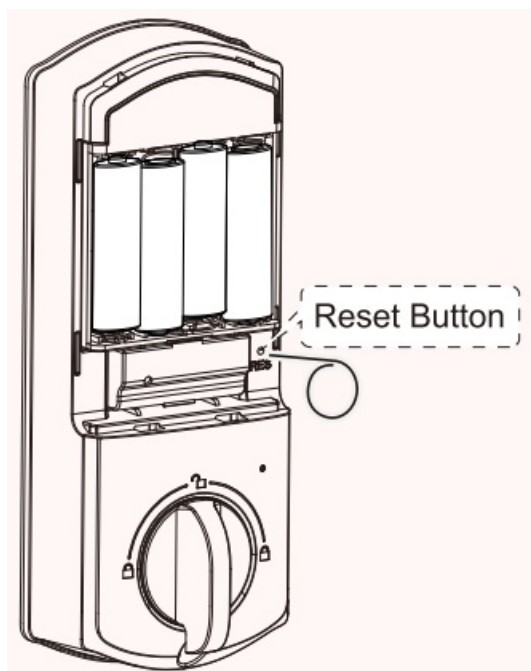
Settings	Factory Default
Master Code	12345678
Auto Look	Disabled
Sient Mode	Disabled
Wrong Code Entry Limit	10tmes
'Shutdown Time	3 Minutos
Away Moge	Disabled

Download Kaadas Home App

Download the Kaadas Home App from the Apple Store or Google Play Store.

Scan the QR Code to download
the Kaadas Home App.

https://download.ikaadashome.com
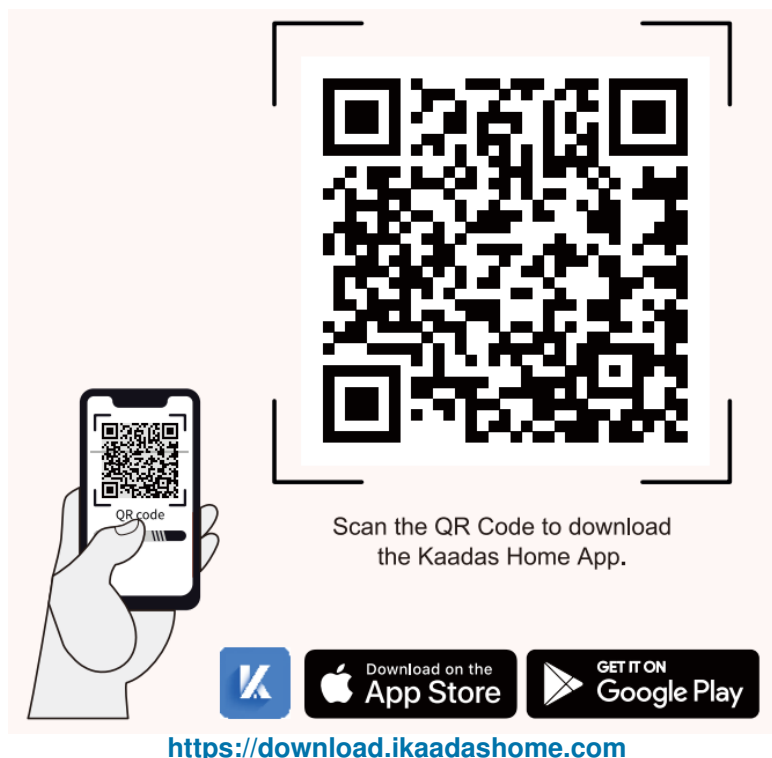
Quick Set Up Tips.

- Create an account in the Kaadas Home App.
- Scan the QR Code found on the inside panel of the Battery Cover to add your KA210A to the device lst.

IMPORTANT:

- The Auto Lock is disabled by default, please complete the set up process and enable Auto Lock in the Kaadas Home App.
- The first account to add the lock to their account becomes the administrator of the lock by default. Gnly the administrator account can manage users of the lock.
- To reset the lock, press and hold the Reset Button for 5 seconds until you hear the "BEEP", Lag in tae the Kaadas Home App with the administrator account. Go to Settings and unbind the leck.

FCC 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 harmiful interference to radio communications. However, there s no guarantee that interference will not occur in a partcular Instalation. I this equipment does cause harmiul interference to radio or television reception, which can be determined by turning the equipment off and on, the user s encouraged to try to correctthe interference by one of mora of the folowing measures:

- Reorient o relocate the receiving antenna,
- Increase the separation between the equipment and receiver.
- Connect the equipment ino an outlet on a circut different from that to which the receiver is connected.
- Consult the dealer or an experienced radiofTV technician for help.

Caution: Any changes or modifications to tis device not explicty approved by manufacturer could void your authority to operate this equipment

"This device complies with part 15 of the FCC Rules. Operation is subject 1o the following two conditions: (1) This device may not cause hamnful interforence, and (2) this device must accept any interference received, including inerference that may cause undesired operation

RF Exposure Information

"This equipment complies with FCC radiation exposure limits set forth for an uncontrolied environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

ISED Statement

This device contains licence-exempt transmitte(s) /receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation s subject to the following two condtions:

1. This device may not cause interference.

2. This device must accept any interference, including inerference that may cause undesired operation of the device.

The digital apparatus complies with Canadian CAN ICES-3 (B)NMB-3(B).

This device meets the exemption from the routine evaluation limits in section 2.5.0f RSS 102 and compiiance with RSS 102 RF exposure, users can obtain 'Canadian information on RF exposure and compliance.

This equipment complies with Canada radiation exposure limits set foth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Warnings

Failure to follow the below instructions could result in damage to the product and void the facory warranty.

This manufacturer advises that no lock can provide complete security by it selt

This lock may be defeated by forcible or technical means, or evaded by eniry elsewhere on the propery.

No lock can substitute for caution, awareness of your environment, and Common senes.

Product Care:

- This lockset s designed to provide the highest standard of product quality and performance. Care should be taken to ensure a long-lasting finish. When cleaning is required, use a soft, damp cloth. Using lacauer thinner, caustic soaps, abrasive cleaners or polishes could damage the coating and result n tarishing.

- Avoid exposure to direct sunlight, Long-term exposure to direct sunlight may damage the lock.
  Do not instal batteries unti the lock is completely installed on door.

- User PIN Codes: Can be 4-10 digits and can be set up i the Kaadas Home App.

- Auto handing calibration: To calibrate your lock, follow the instructions in the Kaaddas Home App step by step.

- Sharing Access: Sharing access to your lock means that you are allowing other users to control and track usage of the device. Please be aware of the potential isks it may cause.

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Documents / Resources

	Kaadas KA210A Smart Key Free Touchscreen Lock with Fingerprint [pdf] Installation Guide KA210A Smart Key Free Touchscreen Lock with Fingerprint, KA210A, Smart Key Free Touchscreen Lock with Fingerprint, Free Touchscreen Lock with Fingerprint, Touchscreen Lock with Fingerprint, Lock with Fingerprint, with Fingerprint, Fingerprint

References

- **User Manual**