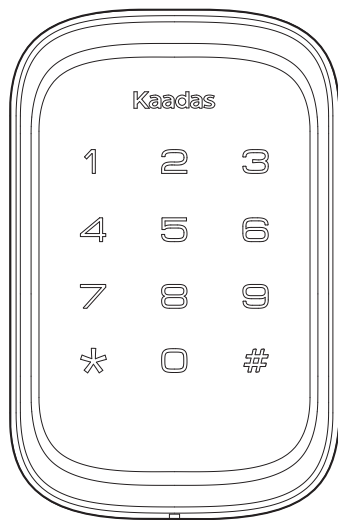


Kaadas

KA210

Z-Wave Key-Free Touchpad Deadbolt

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 illustration purpose only. Actual product may vary due to product upgrade.

Installation Guide

Read this manual carefully before installing and operating.

P 3	STEP 1: Prepare the door and check dimensions
P 4	STEP 2: Install the latch and strike
P 6	STEP 3: Install exterior assembly
P 7	STEP 4: Install interior assembly
P 8	STEP 5: Door handing

Quick Start Guide

P 9	At a Glance
P 10	How to Lock/Unlock
P 11	Definitions
P 12	Code Format
P 13	Z-Wave™ Module installation and user guide
P 14	Quick Set Up
P 16	Factory Default Settings
P 17	Troubleshooting
P 18	FCC Statement & Warnings



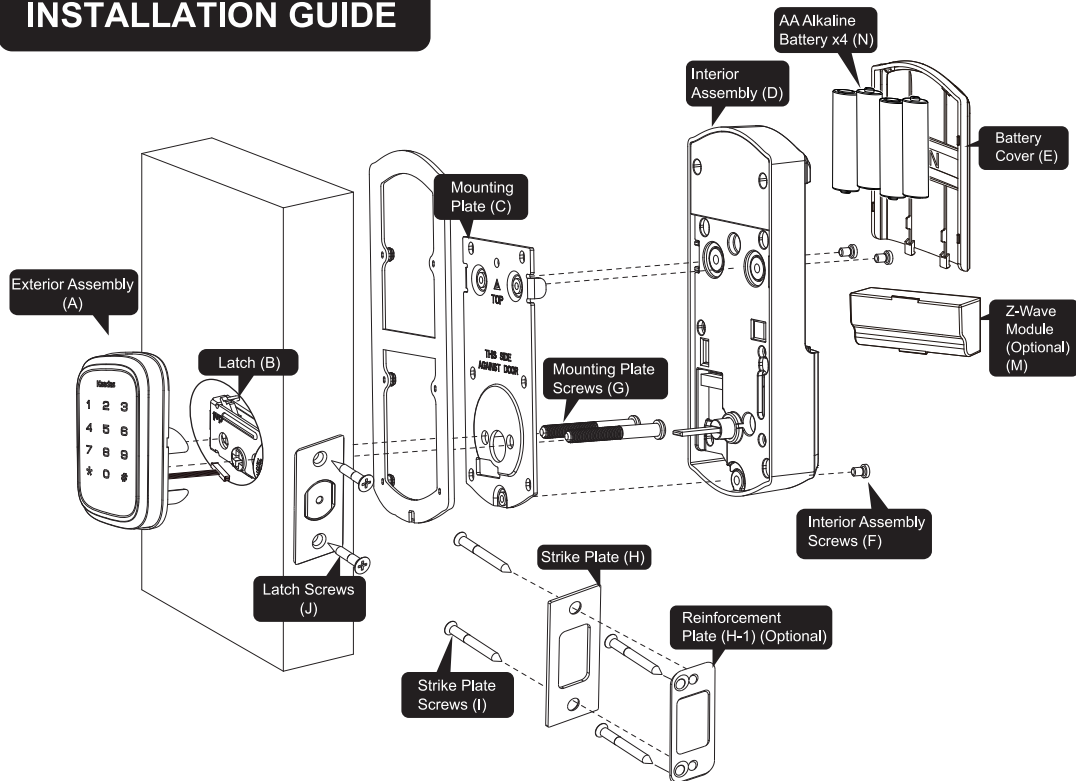
**Do not use an electronic
scwdriver or drill during
installation.**




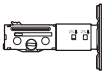

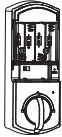





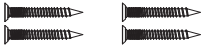





IMPORTANT:

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

INSTALLATION GUIDE



Parts List

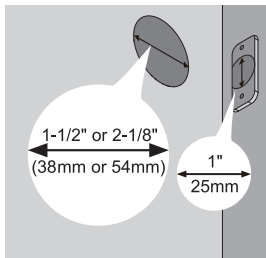
<p>A Exterior Assembly</p> 	<p>B Latch</p> 	<p>C Mounting Plate</p> 	<p>D Interior Assembly</p> 
<p>E Battery Cover</p> 	<p>F Interior Assembly Screws x4</p> 	<p>G Mounting Plate Screws x4 (35mm<door thickness<43mm) (43mm<door thickness<50mm)</p> 	<p>H Strike Plate</p>  <p>H-1 Reinforcement Plate (Optional)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

1 Prepare the door and check dimensions

A

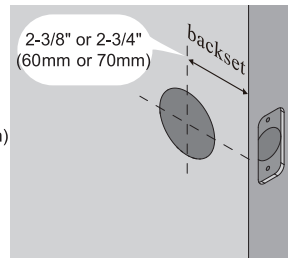
Measure to confirm that the bore hole is 1-1/2" or 2-1/8" (38mm or 54mm).

Measure to confirm that the hole in the door edge is 1" (25mm).



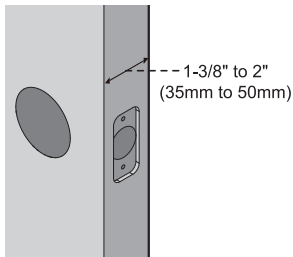
B

Measure to confirm that the backset is either 2-3/8" or 2-3/4" (60mm or 70mm)



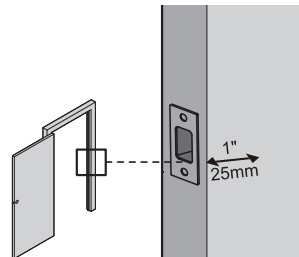
C

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.

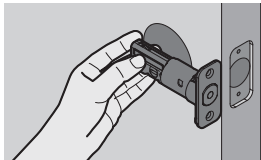


Notes: Make sure the door frame is aligned with the door and there are no obstructions stuck in the door frame.

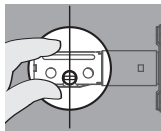
2 Install the latch and strike

A

Determine the backset and adjust the latch.

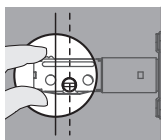


Hold the latch in front of the bore hole, with the latch face flush against the door edge. Is the slotted hole centered in the door hole?



YES

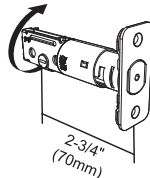
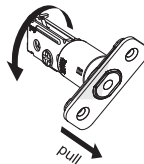
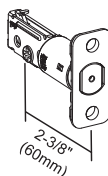
No adjustment is required.
Proceed to the next step.



NO

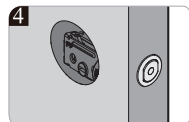
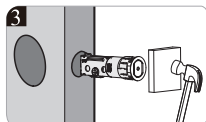
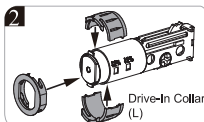
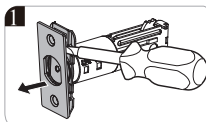
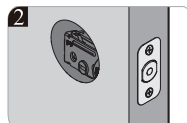
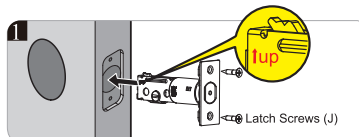
Slotted hole is
NOT centered.

Rotate and pull the
latch as shown to
extend latch.

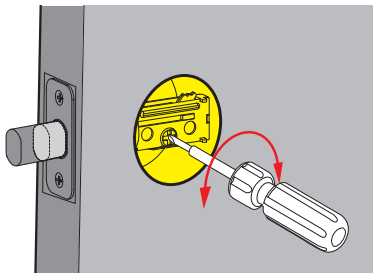


B

Install the latch.



- C Use a screwdriver to test if deadbolt works smoothly.

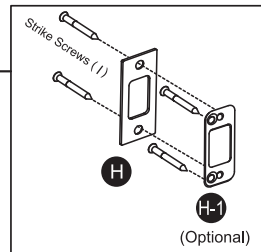
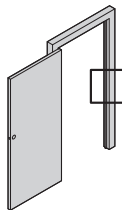


- D Install strike on the door frame.



IMPORTANT:

Make sure the hole in the door frame is drilled a minimum of 1" (25mm) deep.

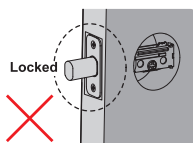
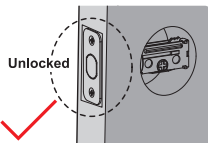


3 Install exterior assembly

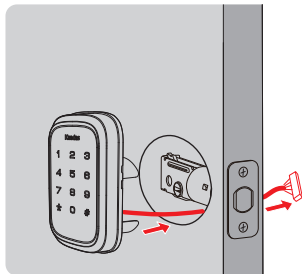


IMPORTANT:

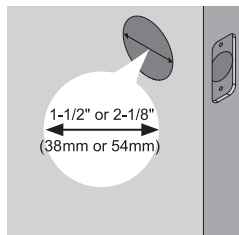
Before installation, make sure the latch is fully retracted (in the unlocked position).



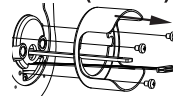
- B** With the latch bolt fully retracted (in the unlocked position), route the cable from the exterior keypad assembly below the latch.



- A** Measure the diameter of the hole in the door.



1-1/2" (38mm)

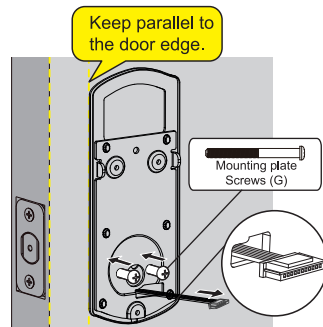


Remove the spacer.

2-1/8" (54mm)

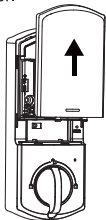
Proceed to next step.

- C** Secure the mounting plate with the mounting plate screws. Do not overtighten screws.

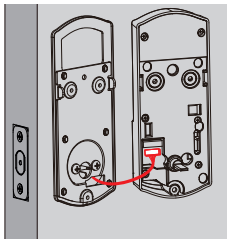


4 Install interior assembly

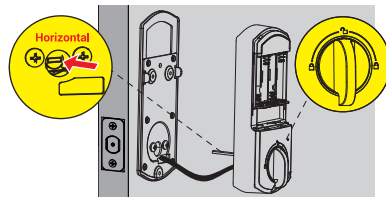
- A Remove the battery cover.



- B Connect the cable from the exterior assembly to the socket on the interior assembly. Push the connector in firmly to ensure a proper connection.

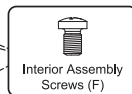
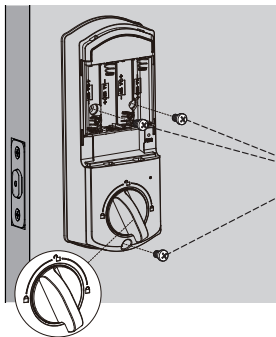


- C Keep the thumb turn in the vertical position and install the interior assembly.



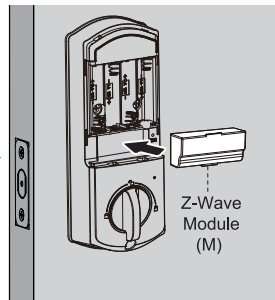
- D Attach interior assembly to mounting plate and tighten 3 screws.

The thumbturn can be moved slightly to facilitate the installation of the third screw.



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

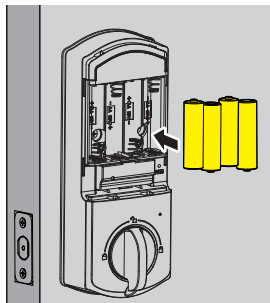
Note: Batteries must not be installed prior to inserting and/or removing the Z-Wave Module.



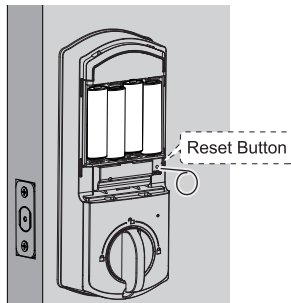
5 Door Handing

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

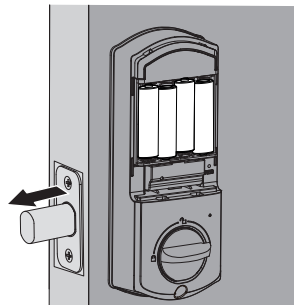
- A** With the device unlocked, insert 4 AA alkaline batteries into the battery pack.



- B** Use the Reset Tool to press and hold the Reset Button for more than 5 seconds until you hear a long "BEEP".



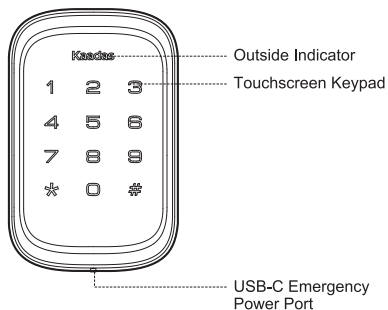
- C** If the reset is successful, the latch bolt will extend on its own to learn the handing orientation of the door.



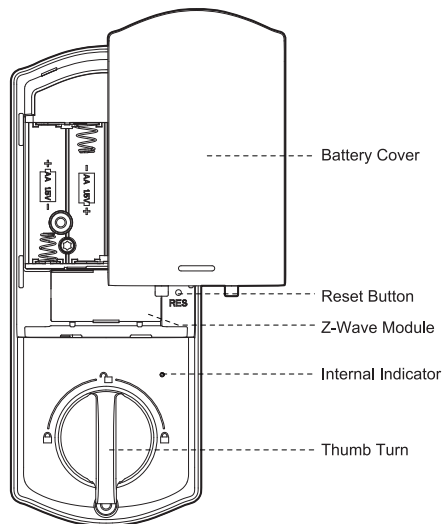
QUICK START GUIDE

At a Glance

Exterior Assembly






Interior Assembly




How to Lock / Unlock



Unlocking the door from outside

1 Master/User PIN Code  	2 Unlock via Z-Wave System App 
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------


Locking the door from outside

1 Manually Press any button on the keypad for 2 seconds to lock the door.	2 Auto Lock Mode In Auto Lock Mode, the latch bolt is automatically extended after unlocking.	3 Unlock via Z-Wave System App 
-----------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------

Unlocking the door from inside

1 Rotate the thumb turn to the unlock position. 	2 Unlock via 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 will be locked automatically.	3 Unlock via Z-Wave System App 
----------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------

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 default. You can set the time delay for 30s, 60s, 120s and 180s in Master Mode.

Wrong Entry Limit

After 10 attempts of entering an invalid User PIN Code, 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 will be locked until the Master PIN Code is entered on the keypad. When the lock is unlocked by the thumb turn, 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 touchscreen keypad will beep pushed but can be muted. Low Battery and Wrong Entry Limit alarms will still sound in Silent Mode.

One-Time PIN Code

You can add the One-Time PIN Code in Master Mode in advance. When the need arises, you can send the One-Time PIN Code to visitors or friends. This code can only be used once and is automatically deleted when 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.

Backup USB-C Power Port

The lock will alert you when the batteries are running low. However, if you forget to replace them, connect a power source via the USB-C Power Port at the bottom of the exterior assembly for temporary powering, so you can enter your PIN Code and get in. Remember to replace the batteries once you enter your home in this case.

1. Master PIN Code (4 to 10 digits): The default Master PIN Code is **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.

- A.

1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---

 ✕ Forward number sequence
- B.

9	8	7	6	5	4	3	2	1
---	---	---	---	---	---	---	---	---

 ✕ Backward number sequence
- C.

2	2	2	2	2	2	2	2	2
---	---	---	---	---	---	---	---	---

 ✕ Repeat number sequence
- D. If

5	6	8	3
---	---	---	---

 ✓
- then

5	6	8	3	9	1
---	---	---	---	---	---

 ✕ Contain existing code sequence
- and

9	1	5	6	8	3
---	---	---	---	---	---

 ✕

Z-Wave™ Module Pairing Instructions

1. Follow the user guide of your Smart Hub Gateway to enter Learning or Pairing Mode.
2. Touch the keypad with your hand to activate the lock.
3. Enter Master Mode.



4. Enter "0" to enter Network Settings.
5. Enter "1" + # to join the network; Enter "2" + # to exit the network.
6. Follow the steps on your Z-Wave network gateway/controller to connect to the proper Z-Wave network.



IMPORTANT:

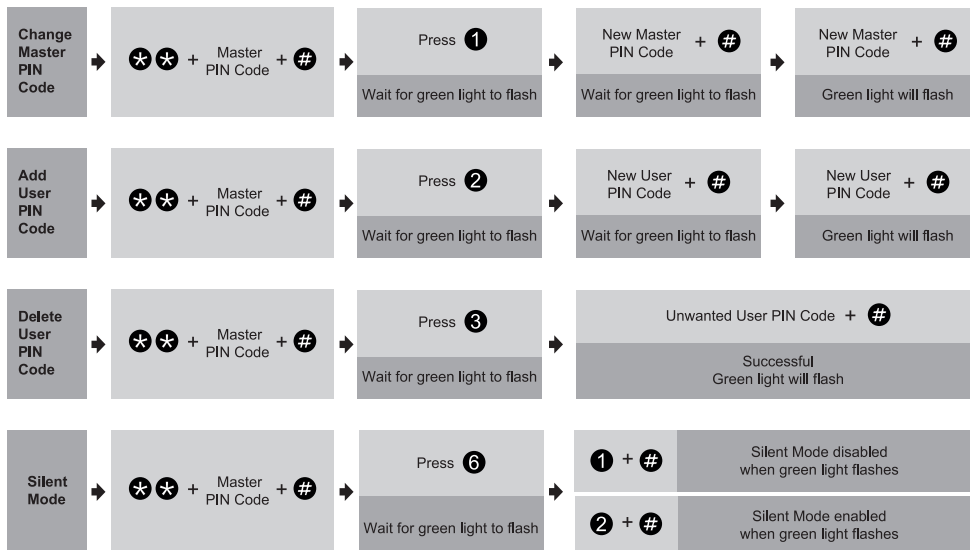
Z-Wave module is required to enable this feature. If the lock is connected to a smart hub gateway or controller, it is recommended that the programming of all PIN Codes is completed through the 3rd party user interface to ensure stable communication between the lock and controller is maintained.

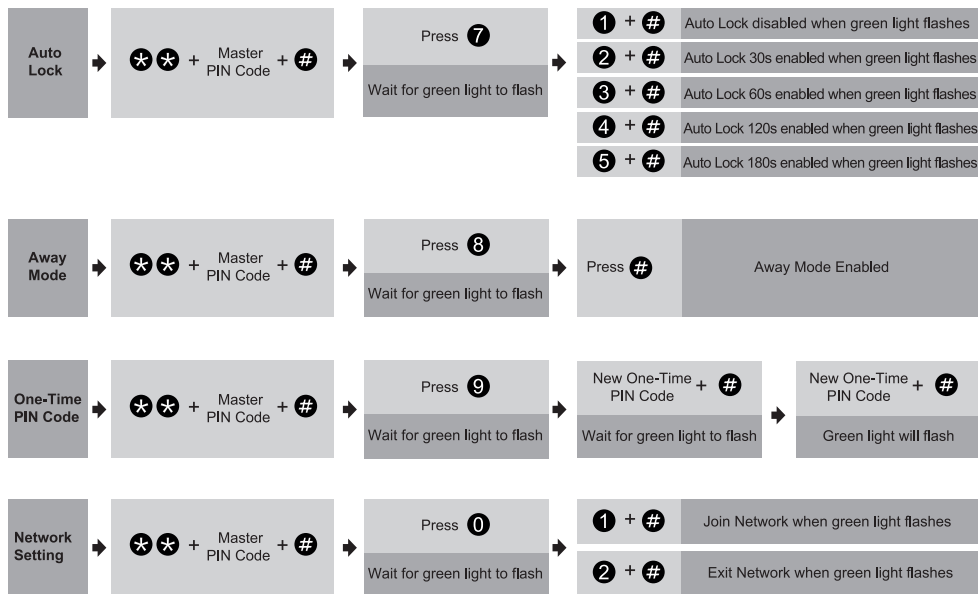
Quick Set Up



IMPORTANT:

The default Master Code is **12345678**. It is required that you change it to a code of your own before programming.





Notes:

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

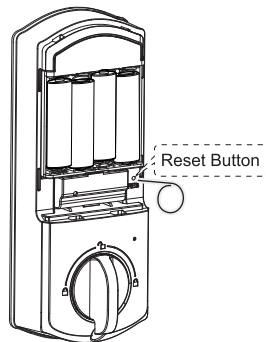
Factory Default Settings

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 until you hear the "BEEP" and the latch rotates, turning the thumb turn to the vertical position automatically.



Settings	Factory Default
Master PIN Code	12345678
Auto Lock	Disabled
Silent Mode	Disabled
Wrong Entry Limit	10 times
Shutdown Time	3 Minutes
Away Mode	Disabled

Troubleshooting

Problem	Solution
The latch does not operate correctly after installation.	<ul style="list-style-type: none"><input type="checkbox"/> Make sure the backset on the latch is set to the proper length. Refer to the Installation Guide.<input type="checkbox"/> Make sure prior to installation the latch bolt is retracted. Refer to the Installation Guide.<input type="checkbox"/> Restore to the factory default settings and enter the default Master PIN Code to set up the lock. Refer to the User Guide.
Lock does not smoothly lock or unlock while using the thumb turn.	<ul style="list-style-type: none"><input type="checkbox"/> Confirm the proper mounting plate screws are installed.
Lock set up failed.	<ul style="list-style-type: none"><input type="checkbox"/> Make sure the lock is installed correctly.<input type="checkbox"/> Insert fresh batteries and make sure that the cable is properly connected, not pinched.<input type="checkbox"/> After installation, reset the lock to the factory default settings.
Touchscreen keypad is not responding.	<ul style="list-style-type: none"><input type="checkbox"/> Make sure batteries are inserted correctly.<input type="checkbox"/> If the battery indicator flashes continuously, the batteries are low. Replace them with four new AA alkaline batteries.<input type="checkbox"/> Make sure that the cable is properly connected and has not been damaged during installation.
Master PIN Code cannot be changed.	<ul style="list-style-type: none"><input type="checkbox"/> Refer to the Quick Start Guide to reset the lock and reprogram all PIN Codes.
I forgot my Master PIN Code.	<ul style="list-style-type: none"><input type="checkbox"/> Perform a factory reset in order to erase all PIN Codes. Once the reset is complete, all PIN Codes will be erased, and the Master PIN Code will return to the default (12345678). For security reasons, change the Master PIN Code immediately.
Auto Lock is not working.	<ul style="list-style-type: none"><input type="checkbox"/> If the battery indicator blinks continuously, the batteries are weak. Replace them with four new batteries to get the best performance (alkaline batteries only). Refer to the Quick Set Up to activate the Auto Lock function.
The lock's battery is dead.	<ul style="list-style-type: none"><input type="checkbox"/> If inside the home, replace 4 AA Alkaline Batteries.<input type="checkbox"/> If outside the home, connect a power bank to the backup USB-C power port for temporary powering. Remember to replace the batteries once you enter your home in this case.

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 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 to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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

RF Exposure Information

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

ISED Statement

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

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

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

French: Cet appareil contient des émetteurs/récepteurs exempts de licence qui sont conformes aux RSS exemptés de licence d'Innovation, Sciences et Développement économique Canada.

L'exploitation est soumise aux deux conditions suivantes:

- (1) Cet appareil ne doit pas provoquer d'interférences.
- (2) Cet appareil doit accepter toute interférence, y compris les interférences susceptibles de provoquer un fonctionnement indésirable de l'appareil.

L'appareil numérique du ciem conforme canadien peut - 3 (b) / nmb - 3 (b).

This device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS 102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

cet appareil est conforme à l'exemption des limites d'évaluation courante dans la section 2.5 du cnr - 102 et conformité avec rss 102 de l'exposition aux rf, les utilisateurs peuvent obtenir des données canadiennes sur l'exposition aux champs rf et la conformité.

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

Cet équipement est conforme aux limites d'exposition aux rayonnements du Canada établies pour un environnement non contrôlé.

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

Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et votre corps.

Warnings

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

This manufacturer advises that no lock can provide complete security by itself.

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

No lock can substitute for caution, awareness of your environment, and common sense.

Product Care:

- This lockset is 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 lacquer thinner, caustic soaps, abrasive cleaners or polishes could damage the coating and result in tarnishing.

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

