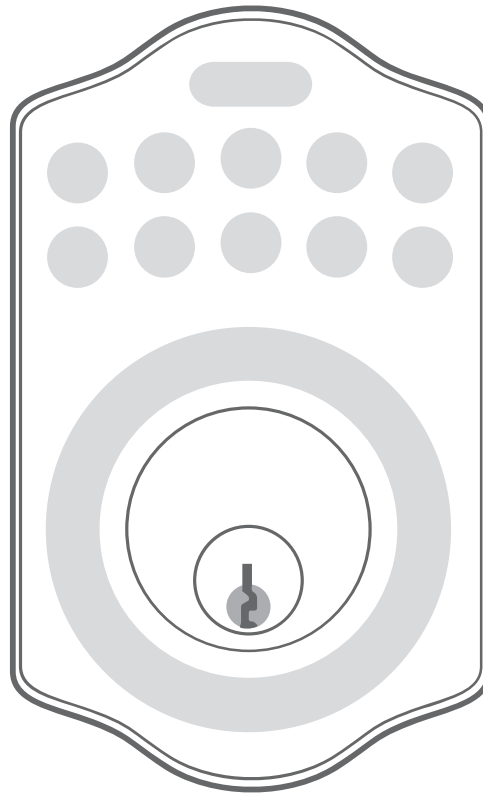# IG200

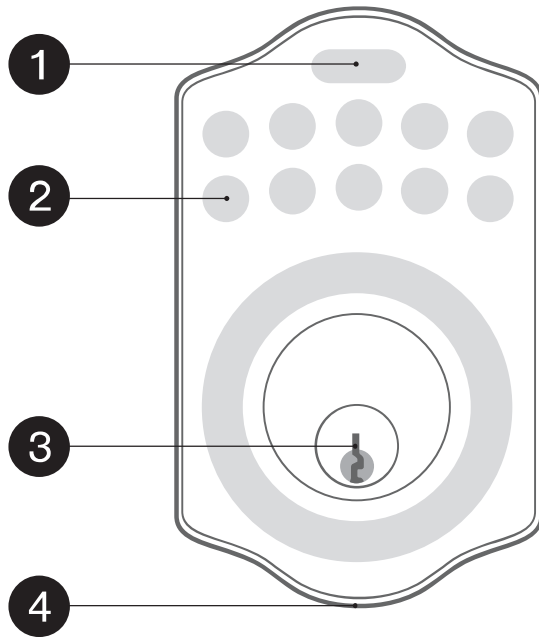## USER MANUAL

ImGATE

DO NOT USE electric drill or electric screwdriver for installation.

DOOR LOCK PARTS

EXTERIOR

INTERIOR

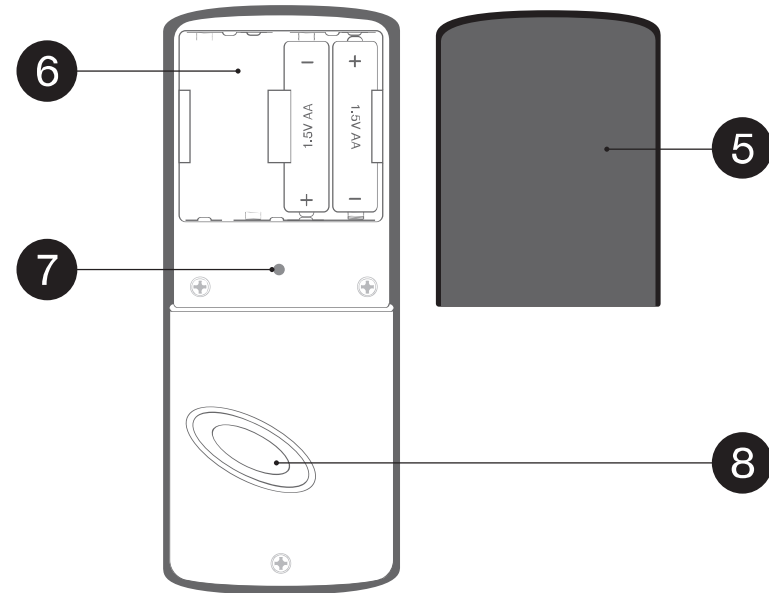| 1. ENTER Button	2. Number Button
Enter is for entering codes, clearing error and setting function. It's also lock button.	Input User Code and Programming Code. When you push it, LED will be on for 5 seconds.
3. Cylinder	4. Washer
Retract/Extend the deadbolt by key from exterior.	Prevent water permeating into lockset.

5. Battery Cover	6. Battery Holder
Slide the lid to change the batteries or restore preset setting.	Four AA (1.5V) batteries.
7. R Button (Restore)	8. Turn-Piece
Restore preset setting.	Retract/Extend the deadbolt from interior.

Low Battery

Ⓐ Long beep 10 times when the door lock battery is low.

Ⓑ In low battery status, you can open 20 times more with beeping sound.

Ⓒ 20 times opening after low battery warning, door won't be locked. Once you change new battery, you can use as normal. (In this situation you can open with key.)

User Code (UC)

Ⓐ Preset UC is 1234. Please delete and create your personal code for the security.

Ⓑ Up to 6 sets of UC can be stored.

Ⓒ UC and PC can't be same.

Ⓓ UC is 4-10 digits in length.

Ⓔ UC can be deleted or changed anytime if neede. If you restore the door lock, UC will be 1234.

Delete Individual User Code

Ⓐ UC can be deleted individually. You can reset the same number as UC even though it's deleted before.

Ⓑ To delete UC, use door lock function code or APP setting.

Delete All User Codes at Once

Ⓐ All UC can be deleted at once. You can reset the same number as UC even though it's deleted before.

Ⓑ Auto-lock and Keypad lock function will be invalid after deleting all UC and the lock can be operated by key. All the electrical functions will be restored when recreate new UC.

Ⓒ To delete UC, use door lock function code or APP setting.

Programming Code(PC)

Ⓐ Preset PC is 0000. Please delete and create your personal code for the security.

Ⓑ Only one set of PC for fuction setting.

Ⓒ PC is only for function setting so you can't unlock the door by pressing PC.

Ⓓ PC is 4-10 digits in length.

Ⓔ PC can be changed anytime if needed.

Create a One Time Code

Ⓐ One Time Code will be no longer valid once it's used.

Ⓑ You can reset same number as One Time Code after use.

Ⓒ You need to enter PC to create a One Time Code.

Temporarily Disable All User Codes

Ⓐ Auto-lock and Keypad lock function will be invalid after deleting all UC and the lock can be operated by key.

Ⓑ Repeat the programming steps again to restore the UC.

Restore Preset Factory Code

Ⓐ You can restore preset factory code by pressing R button from the interior for 5 seconds when you want to restore the door lock.

Ⓑ After restore, PC would be 0000; UC would be 1234 again.

Unlock the door

Ⓐ The door will be unlocked with key, pressing UC on keypad, using smartphone APP from outside or by interior turn-piece.

Ⓑ To unlock the door on the keypad, enter the UC and then press Enter button. If you installed APP to door lock, you can just push the Enter button to open the door.

Lock the door

Ⓐ The door will be locked by key or pressing Enter button from outside or by interior turn-piece.

Incomplete Door Closing/Opening

Ⓐ Once the latch bolt is not extended/retracted completely and causing a not functional motor operation when it's locked by keypad, you'll see LED flash red 3times and hear 3 beeps. You need to enter UC to unlock the door for remaining the bolt retracted, and press Enter button to lock the door again.

Ⓑ If the latch bolt gets stuck or can't extend/retract completely all the time, please check if the strike aligns with the latch bolt perfectly and adjust the strike to proper position. After long use of the door hinge, the latch bolt might get stuck easily beacuse the door is deformed or lopsided.

Auto-lock function On/Off

Ⓐ The door will be automatically locked itself within 10-99 seconds when this function is programmed.

Ⓑ This function is off at the beginning. It can be set if needed.

Ⓒ Preset Auto-lock time is 30 seconds; you can adjust the period as you want.

Ⓓ Please repeat the same programming steps to turn off Auto-lock function when needed.

Button Sound On/Off

Ⓐ You will hear beep sounds when pressing keypad, programming or operating errors. Only keypad sound can be off.

Ⓑ LED illumination is still functioning when it's in mute. Error sound will be alarming.

Ⓒ Motor operating sound cannot be muted.

Code Protection Function

Ⓐ The operation will stop with warning sound if entering wrong UC over 5 times. The system will re-operate again after 45 seconds.

Illumination

Ⓐ The LED keypad will light up when pressing any button for ease of operating in the dark.

SPECIFICATION / FUNCTION

IG200 Programming Guide

P : Programming Code / E : ENTER Button

Program Menu	Instruction
Initial Setting (Left/Right Door)	P ▶ E ▶ 0 ▶ E
New UC (Preset: 1234)	P ▶ E ▶ 1 ▶ E ▶ New UC ▶ E
Delete UC	P ▶ E ▶ 2 ▶ E ▶ UC(want to delete) ▶ E
Delete All UC	P ▶ E ▶ 3 ▶ E
Change PC (Preset: 0000)	P ▶ E ▶ 4 ▶ E ▶ New PC ▶ E
Auto-lock On/Off (Preset: Off)	P ▶ E ▶ 5 ▶ E
Auto-lock time (Preset: 30sec)	P ▶ E ▶ 6 ▶ E ▶ Time (10~99 seconds) ▶ E
Button Sound On/Off (Preset: On)	P ▶ E ▶ 7 ▶ E
Temporarily Disable All UC	P ▶ E ▶ 8 ▶ E
Create One Time Code	P ▶ E ▶ 9 ▶ E ▶ One Time Code ▶ E
Door lock Bluetooth On/Off (Preset : On)	P ▶ E ▶ 1 1 1 ▶ E
Mobile Key install in Door lock	P ▶ E ▶ 0 0 0 ▶ E ▶ Setting Mode
Mobile Key delete from Door lock	P ▶ E ▶ 3 3 3 ▶ E ▶ APP Mobile Key number ▶ E
Door lock Setting Mode using APP	Press R Button 2 times
Prevent Unauthorized Restore	P ▶ E ▶ 9 9 9 ▶ E
Door lock Restore 1 (Preset)	Press R Button for 5 seconds
Door lock Restore 2 (With PC)	P ▶ E ▶ Press R Button for 5 seconds

Mobile Key Guide from APP

Family Key

· Mobile Key that unlock the door for family member.
· **How to Get** : You can install it by yourself or receive from family member someone who already has Family Key.
· If you have Family Key, you can send Famaily Key, Guest Key and One Time code to other people.
· **Family Key send :** You need to make setting mode using PC [0000].
· **Guest Key send :** No need setting mode.
· **One Time Code send** : No need setting mode.
· Family Key user can check Door lock open history and change door lock setting.
· **Up to 8 Family Key can be issued.**

Guest Key

· Mobile Key that unlock the door for guest. (Scheduled Key/ Maximum 30 days)
· Guest Key can be issued from Family Key user.
· **Up to 16 Guest Key can be used at the same time/ No schedule extend**

One Time Code

· Disposable User Code (8 digits) will be created from APP.
· One Time Code can be issued from Family Key user.
· **Unlimited One Time Code can be issued. BUT every time 10 One Time Code are issued, you have to enter setting mode and initial it.**
· Note : If you renew One Time Code, you can't use previous one. So please use in order.

If you restore the door lock, all previous Mobile Key are invalid.
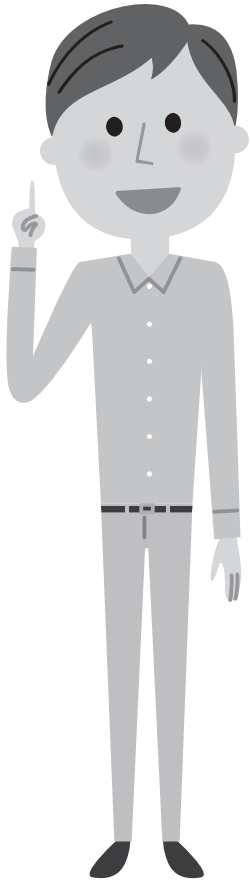Please install Mobile Key again.

7   8

USER EASY GUIDE
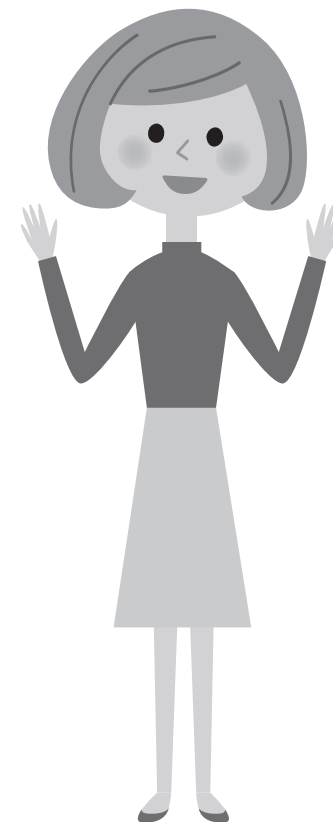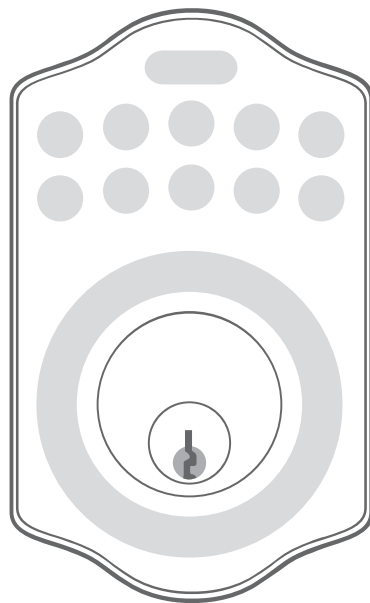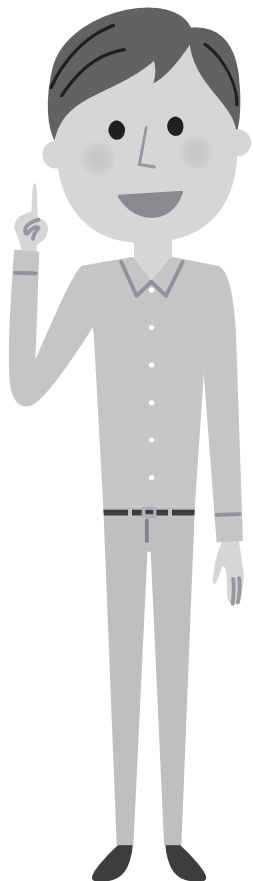
Q What is UC and PC ?
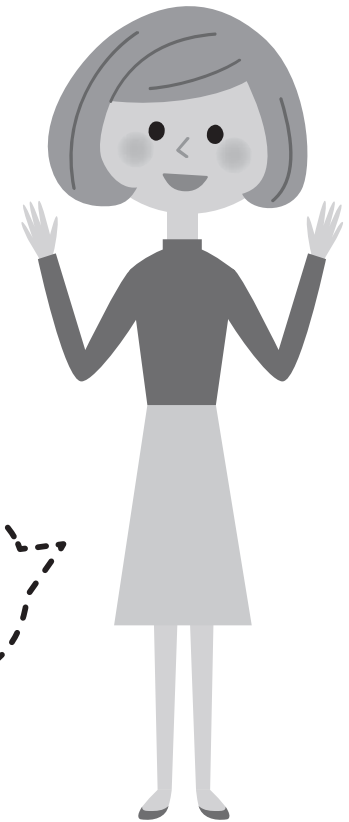
A User Code and Programming Code.

UC **UC (USER CODE)**
It's pass code when you unlock the door.
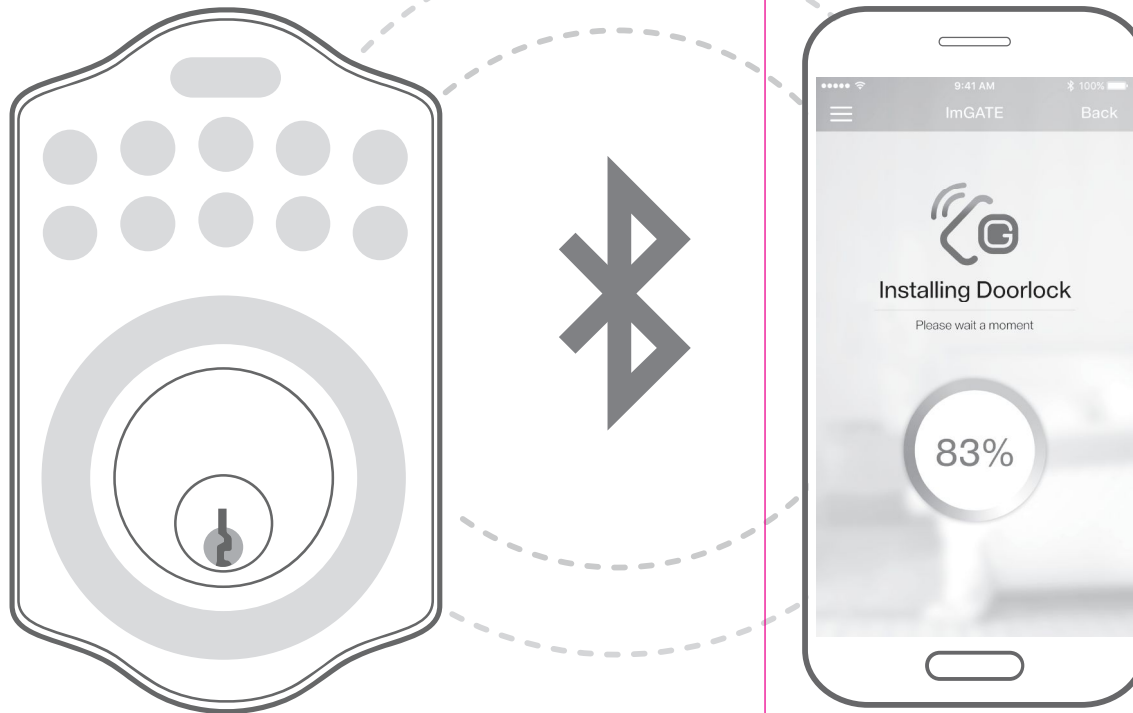
Preset UC is '1234'.

PC (PROGRAMING CODE) **PC**
It's the code when set the door lock function.

Preset PC is '0000'.

Tip

Smart phone Bluetooth should be ON

when you open the door lock using Smartphone.

If you have trouble with open the door using smartphone, Please turn off and on Bluetooth from smartphone.

9:41 AM   100%

ImGATE   Back

Installing Doorlock

Please wait a moment

83%

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Q How can I connect my smartphone to door lock?

A You would make door lock setting mode to connect smartphone. Please follow as below.

ENTER button
'Flash ORANGE'

How to connect door lock and smartphone

PRESS	PRESS	PRESS	PRESS
PC	Enter	0 0 0	Enter
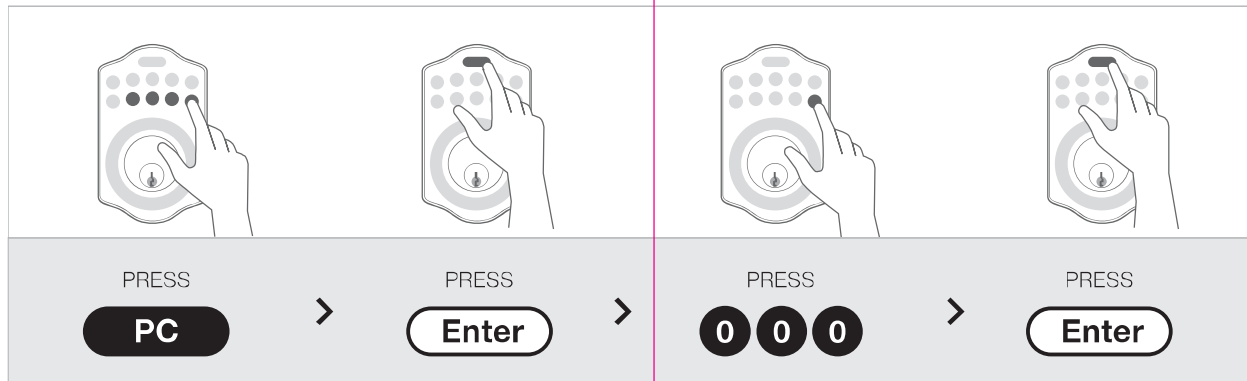
When door lock is ready to connect to smartphone,
ENTER button will flash ORANGE for 15 seconds before connected.

(Once door lock turned to setting mode, door lock let connection mode for 15 seconds.
if smartphone is not connected within 15 seconds setting mode will be invalid.)

Q How can I open the door using Smartphone?

A It's easy ! Please follow as below.

STEP.01 Prepare door lock installation

Touch '+'

Enter
door lock name

Choose
Green box

Install guide
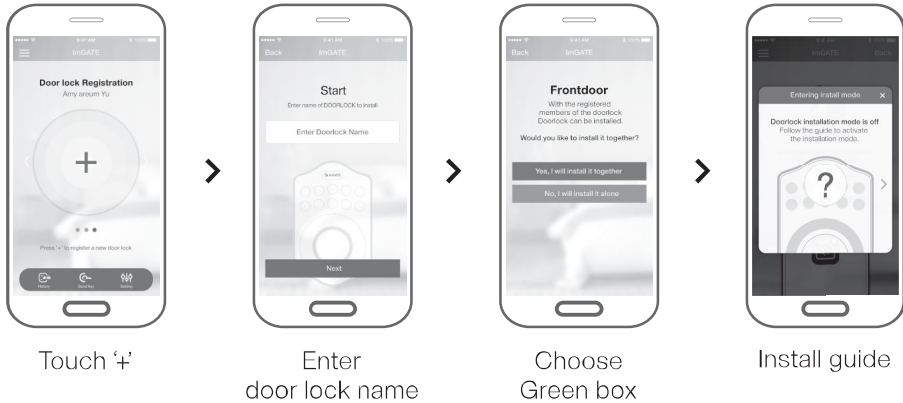
STEP.02 Make door lock setting mode
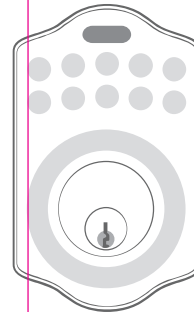
ENTER button
'Flash ORANGE'

When ORANGE flashes
setting mode will last
15 seconds.
So try connect within
15 seconds.

STEP.03 Finish

Installing

Install finish
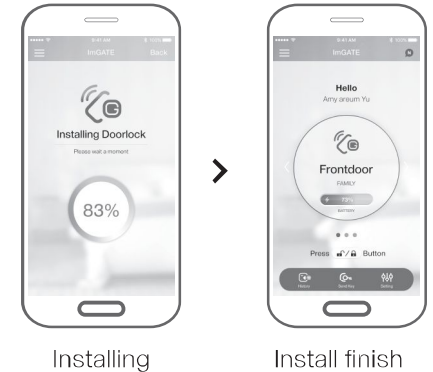
When you install the door lock, please place your smartphone near the door lock for the best connection environment.

EASY GUIDE

Q I'd like to add my family in member list

A You can send your Invitation Code to family and friends.
Once listed each other, you can send Family Key or Guest Key.

Send SMS your 'Invitation Code'
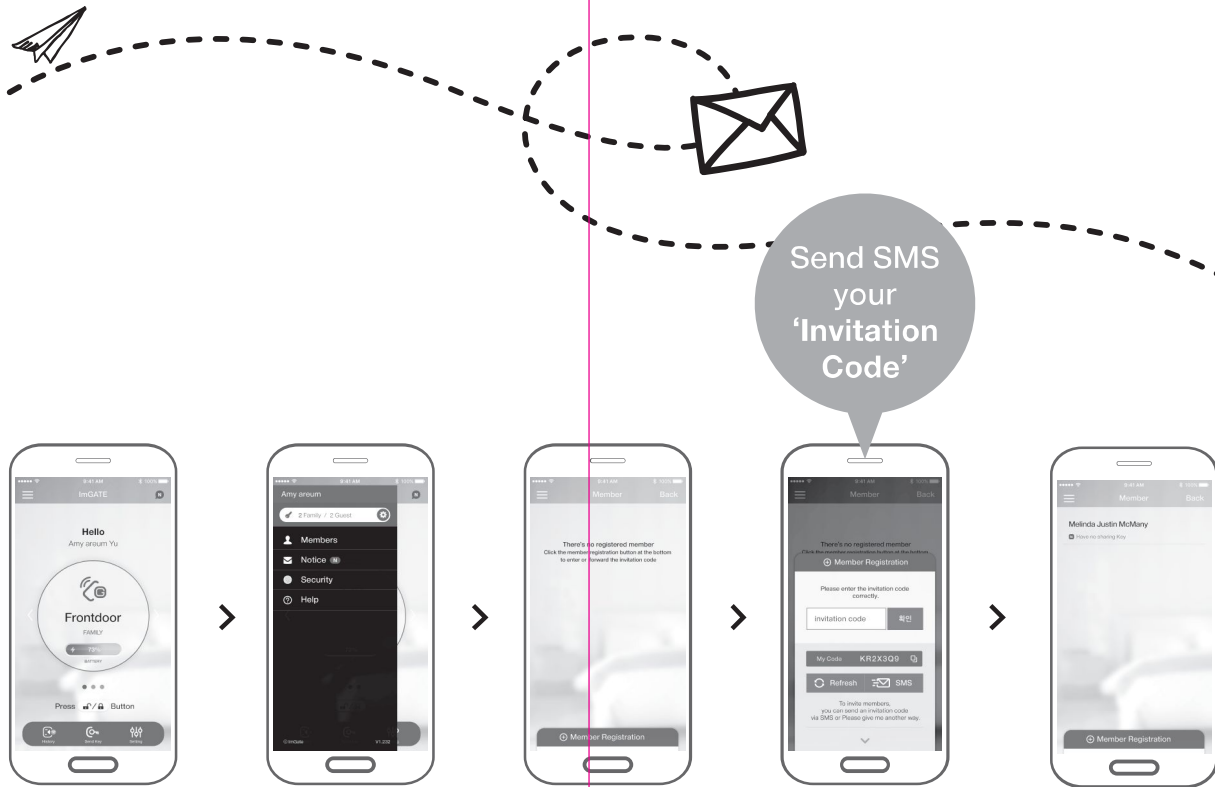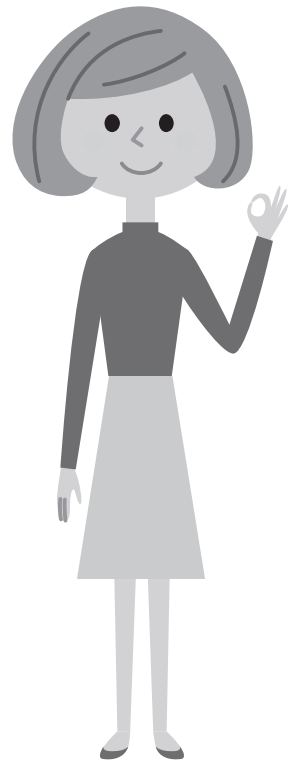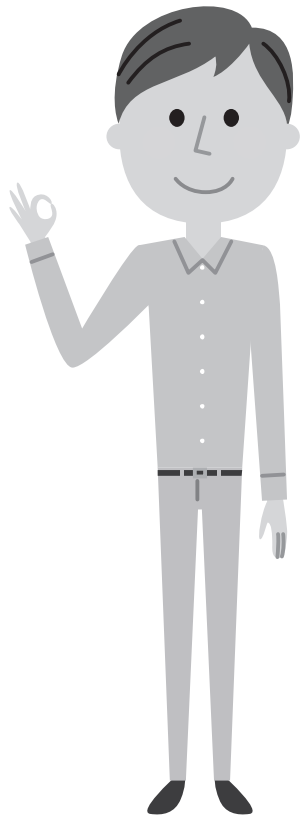
Touch ≡ button   Touch 'Members'   Touch below 'Add member'   Input 'Invitation Code' from friends or Send 'My Invitation Code'   Member added

Mobile Key(Family Key or Guest Key) should be sent
only after you add family or friends in member list using Invitation Code.

Q Only Dad has Family Key and I'd like to have one. How can I get it?

A Dad can send Family Key remotely.
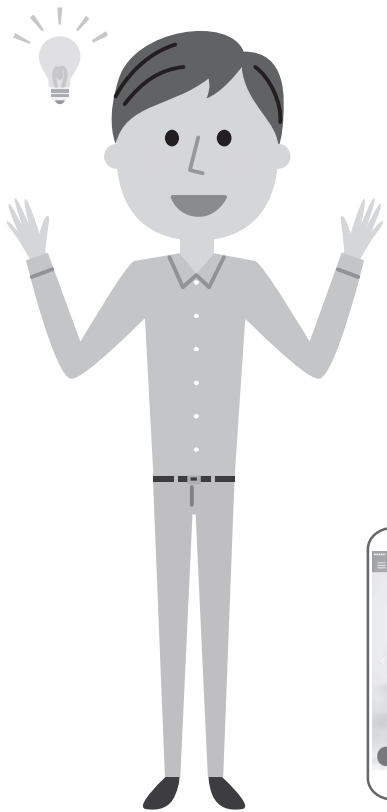
Send 'FAMILY KEY'
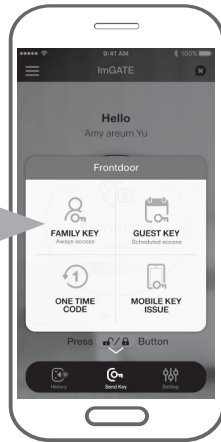
Touch 'Send Key'
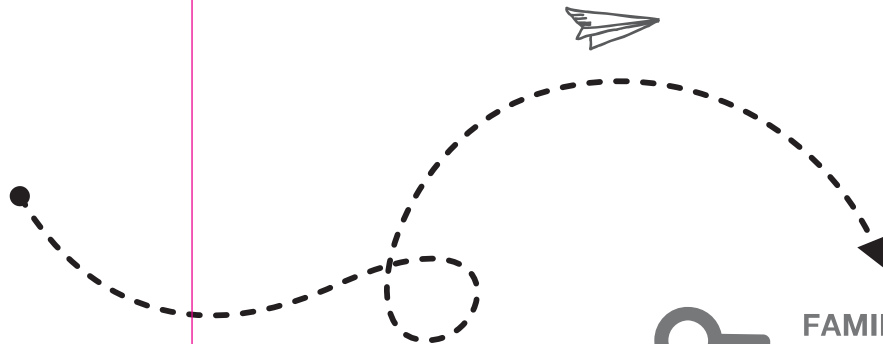
FAMILY KEY
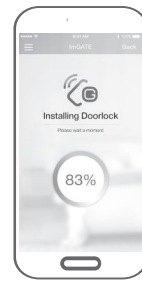can be sent up to **8 people** including me :)

BLE
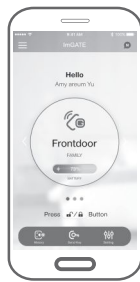
Touch 'Send Key'
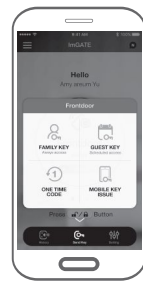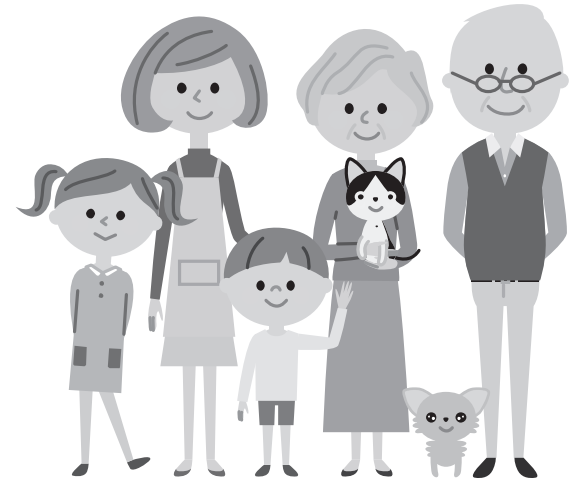
Touch 'FAMILY KEY'
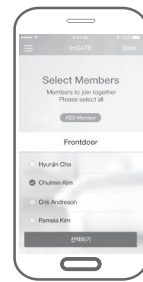
Choose Member who receive Family Key
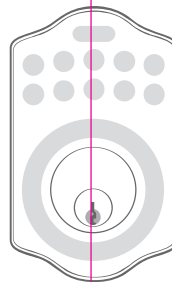
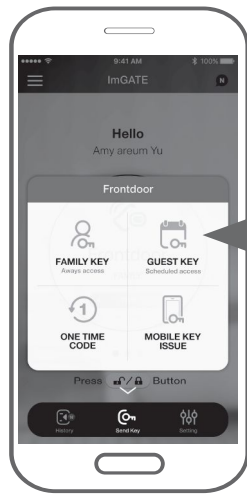Change to door lock setting mode to send Family Key

Family Key sent

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22
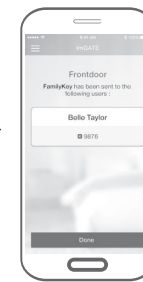
Q Can I use this door lock for my Airbnb guest with limited access?

A Of course! :) You can send Guest Key using APP.
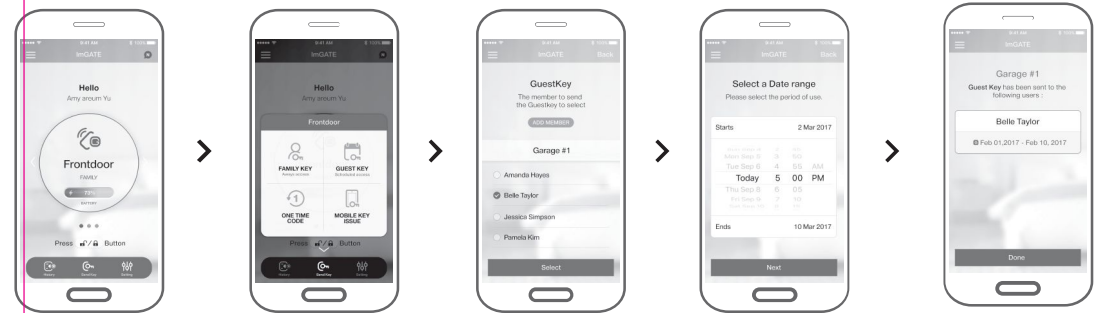(Guest Key can be set Max. 30 days.)

GUEST KEY
can be used
**Max. 30 days
/up to 16 keys**
at the same time.

Send
**GUEST
KEY**

Touch 'Send Key'
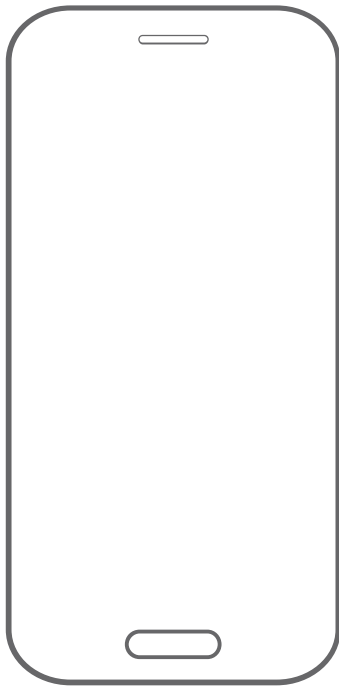ONLY FAMILY KEY USER CAN SEND GUEST KEY.

Touch
'Send Key'

Touch
'GUEST KEY'
(Only Family Key user)

Choose member
who receive Guest Key
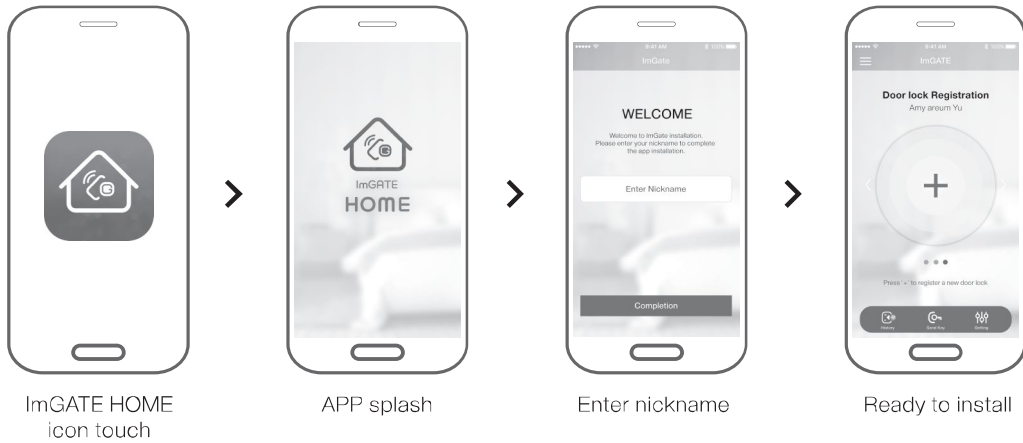
Select schedule
Max. 30 days

Guest Key sent

Member should be listed in Member list
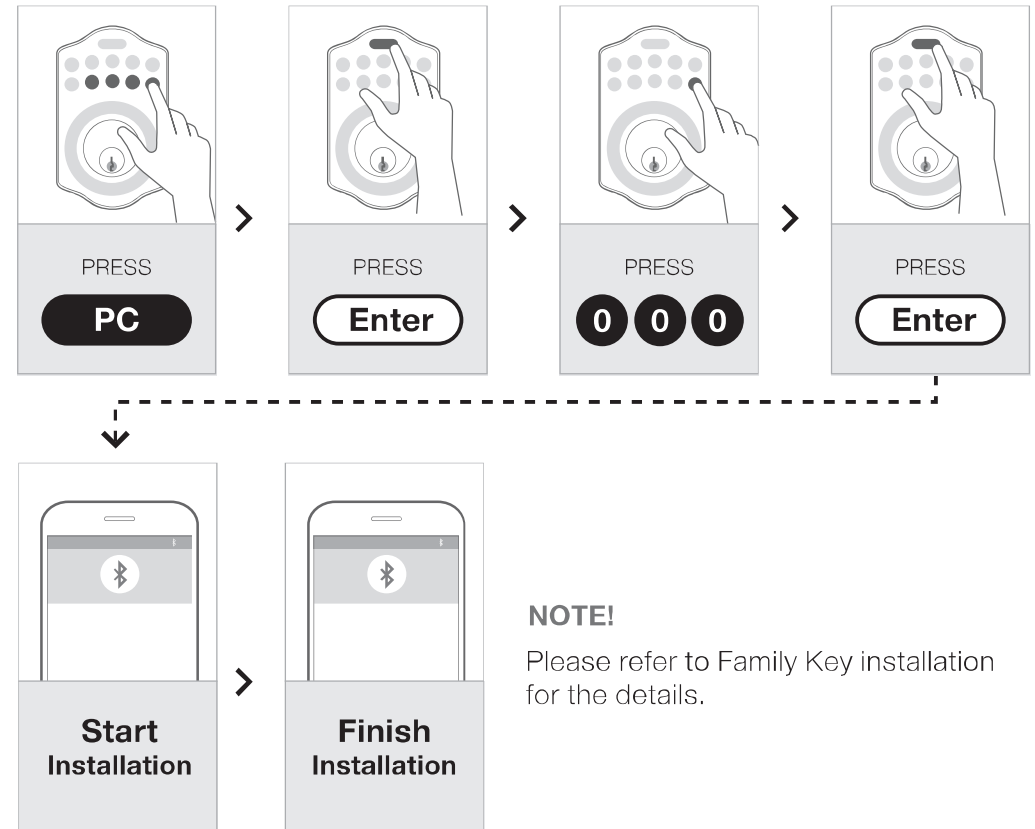before you send Guest Key. Please add member first.

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APP SETTING

Mobile Key Preparation

ImGATE HOME
icon touch

APP splash

Enter nickname

Ready to install

27

APP Install to Door lock

PRESS **PC** > PRESS **Enter** > PRESS **0 0 0** > PRESS **Enter**

Start
Installation > Finish
Installation

NOTE!
Please refer to Family Key installation
for the details.

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Family Key Installation (My phone only)
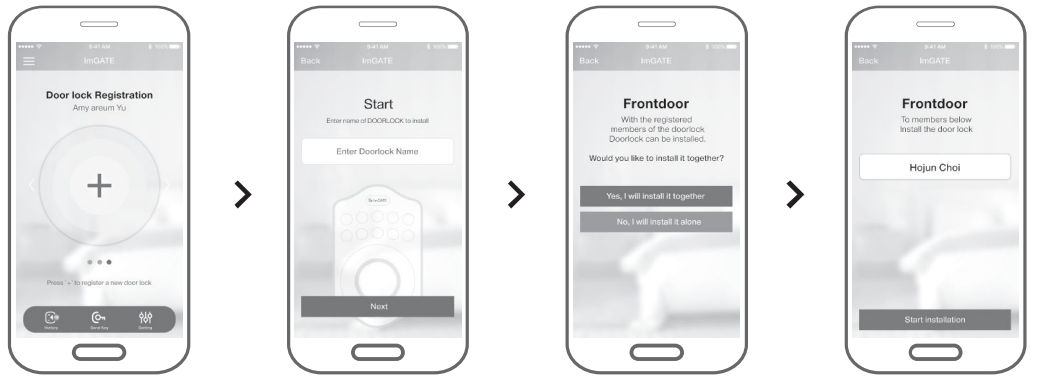
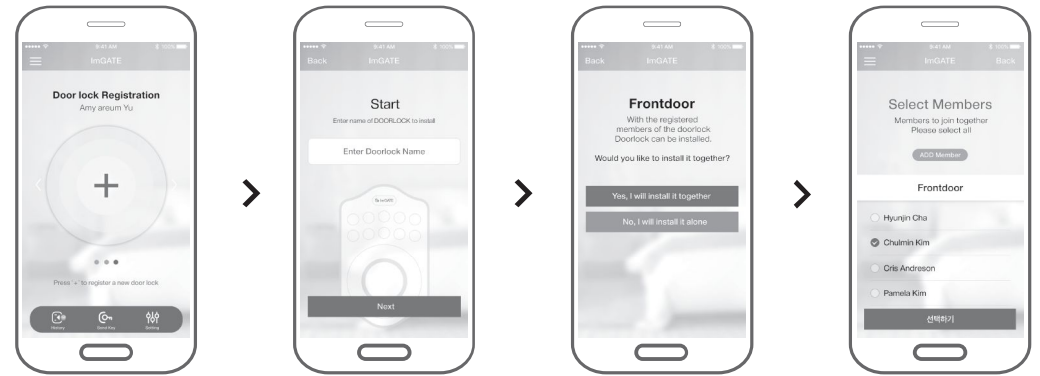Touch "+" Enter Door lock name Touch "No, I will install it alone" Check member name
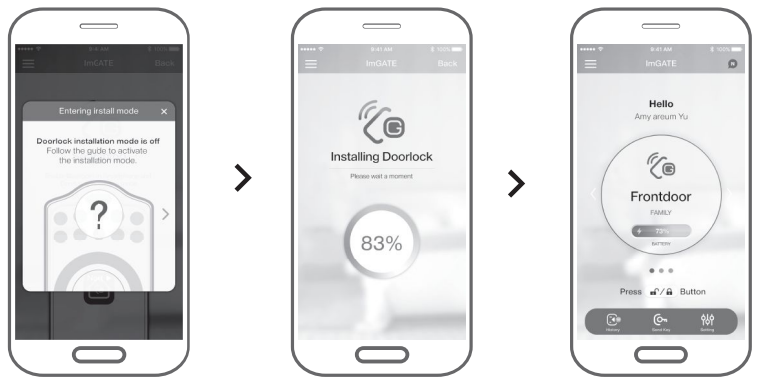
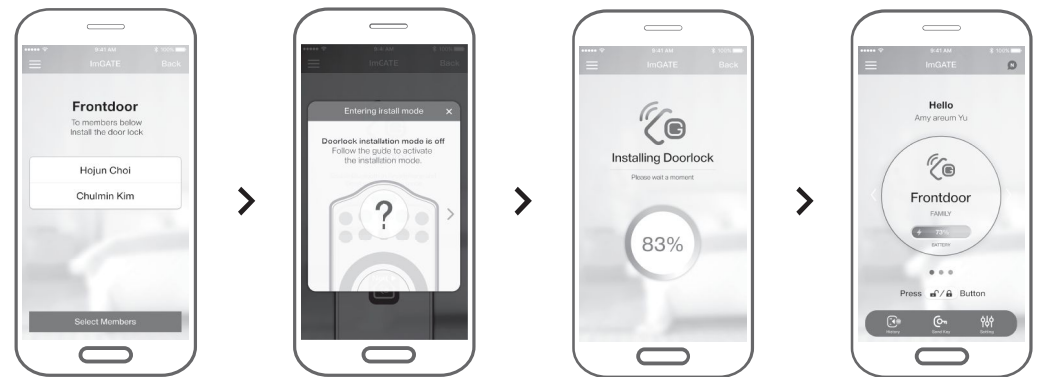Installation guide Installing Mobile Key installed

Family Key Installation (Together)

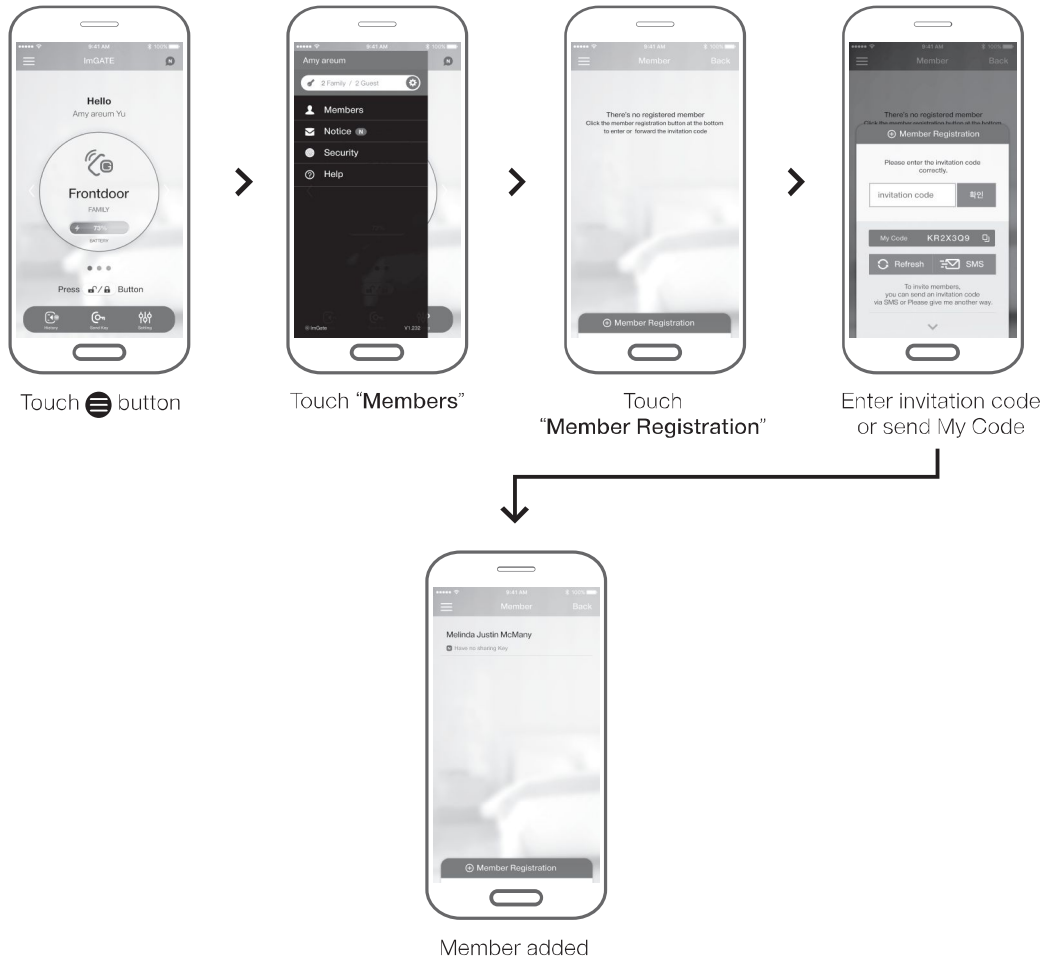Touch "+" Enter Door lock name Touch "Yes, I will install it together" Choose the member

Check member name Installation guide Installing Mobile Key installed

Add Members

Touch ☰ button

Touch "**Members**"

Touch "**Member Registration**"

Enter invitation code or send My Code

Member added

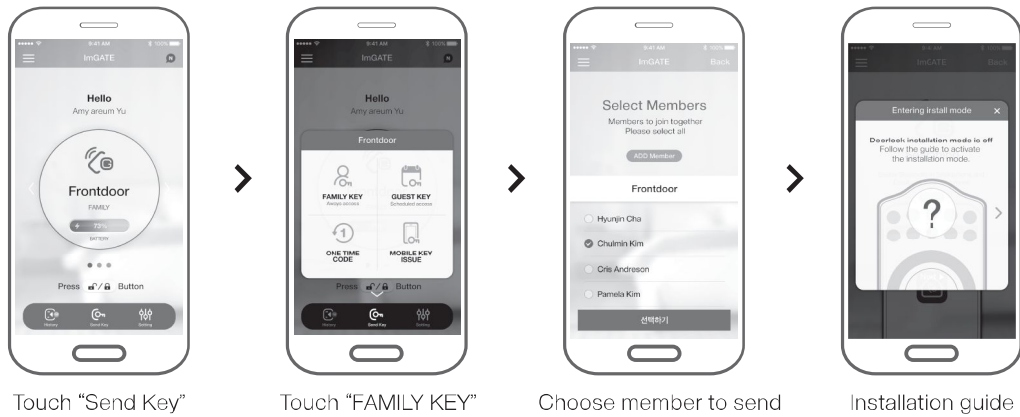| REMARK |
| --- |
| To add member, enter invitation code(from other member) or you can send your invitation code (My Code) by SMS. Make sure once you refresh 'My Code', previous one is invalid. |

List of Members

No.	Description	No.	Description
1	Add member	4	Family Key installed
2	Member list (No Mobile Key)	5	Family Key number
3	Delete member	6	Guest Key installed

Send Mobile Key - Family Key

Touch "Send Key" → Touch "FAMILY KEY" → Choose member to send → Installation guide
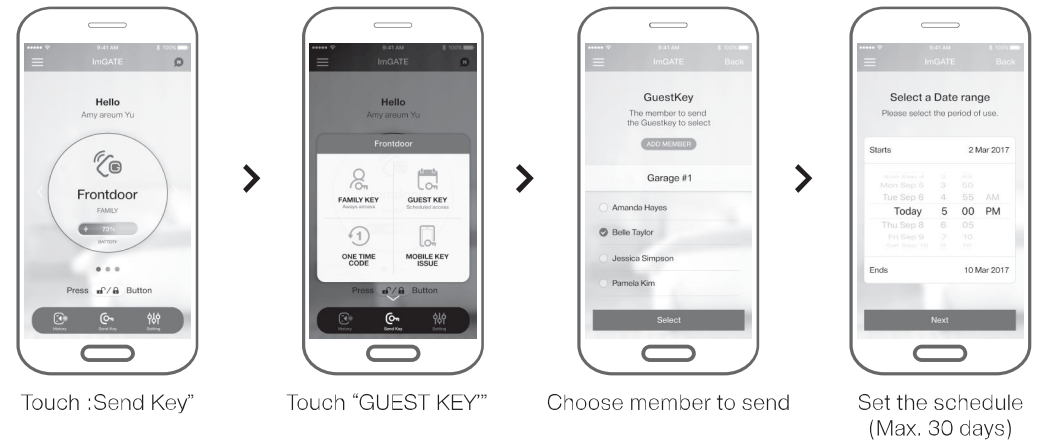
Remove Battery Cover → PRESS R R → Installing → Family Key sent

REMARK

Family Key can be installed up to 8 members(smartphone).
To receive Family Key, door lock should be changed to setting mode.
(Use function code [000] or pick R button twice from the interior)

Send Mobile Key - Guest Key

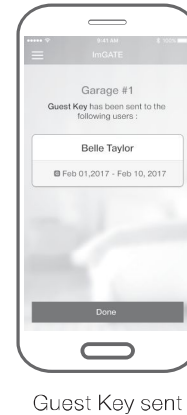Touch :Send Key" → Touch "GUEST KEY'" → Choose member to send → Set the schedule (Max. 30 days)
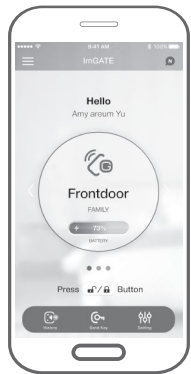
Guest Key sent

NOTE!

Expired Guest Key can't be extended.
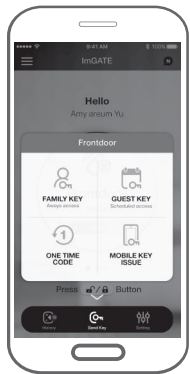Please send new Guest Key.

REMARK

Only Family Key user can send Guest Key. It can be scheduled maximum 30 days and can be sent up to 16 Guest Key based on each door lock. If you wish to suspend Guest Key go to 'Setting' on your APP.
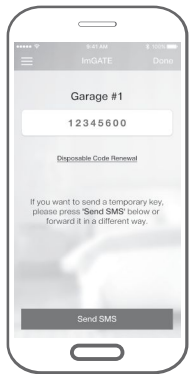
Create One Time Code

Touch "Send Key" Touch "ONE TIME CODE" One Time Code created

NOTE!
One Time Code can be used only once.

Issued Mobile Key List
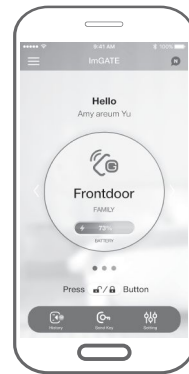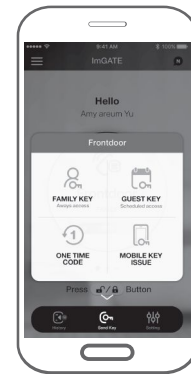
Touch "Send Key" Touch "MOBILE KEY ISSUE" List of issued Mobile Key
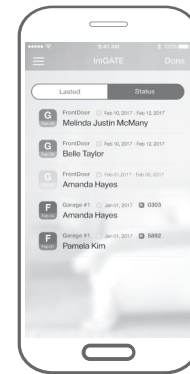
Mobile Key Icon Status

Icon	Description	Icon	Description
F DATE	Issued Family Key	G DATE	Issued Guest Key (in use)
D DATE	Issued One Time Code	G DATE	Issued Guest Key (expired)

REMARK

One Time Code can be created by APP setting.
One Time Code is not reusable.
If you need new One Time Code, you can renew the code.

REMARK

Only Family Key user can check issued Mobile Key list.
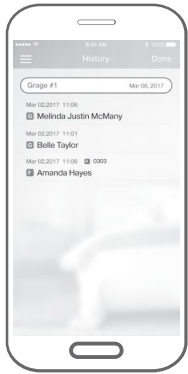
Change Door lock Name
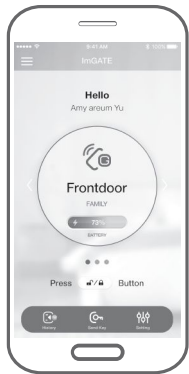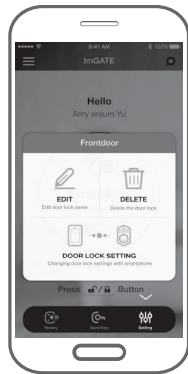
Touch "Setting"　　　　Touch "EDIT"　　　Change Door lock name
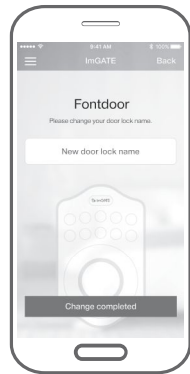
Delete Door lock
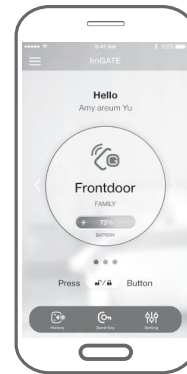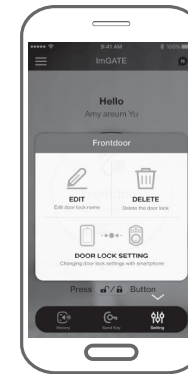
Touch "Setting"　　　Touch "DELETE"　　　Delete message　　　Deleted
(Main screen)
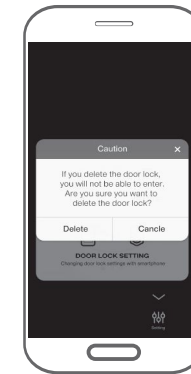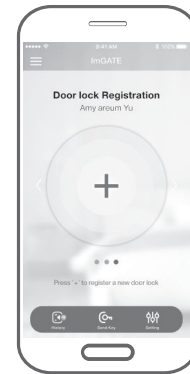
REMARK
You can change Door lock name.

REMARK
Delete door lock from APP. All Mobile Key in this smartphone will be deleted as well. If you wish to install the Mobile Key, you can re-install it. Family Key can be installed up to 8. Guest Key can be installed up to 16 at the same time.

Door lock Setting Using APP (Opened/ Inside)

Touch "Setting"

Touch
"DOOR LOCK SETTING"

Setting mode
guide

Remove Battery Cover

PRESS
R R

Door lock setting mode
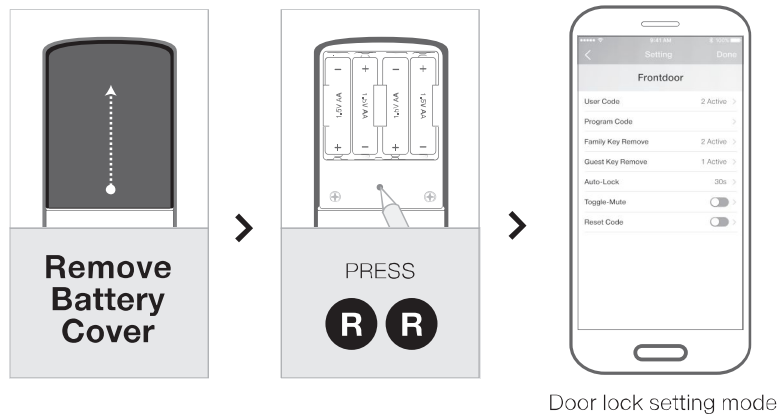
REMARK

Only Family Key user can change door lock setting using APP.
When you go to setting mode, you can change many door lock functions
using APP.

41

Door lock Setting Using APP (Closed / Outside)

Touch "Setting"

Touch
"DOOR LOCK SETTING"

PRESS
PC

PRESS
Enter

PRESS
0 0 0

PRESS
Enter

Door lock
setting mode
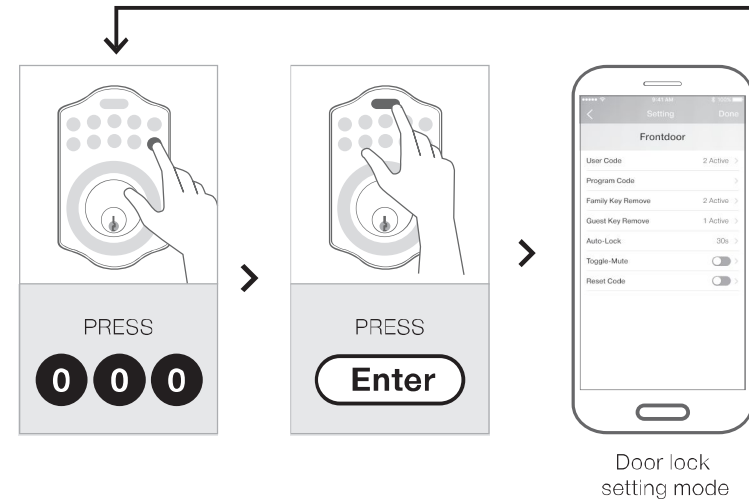
REMARK

Only Family Key user can change door lock setting using APP.
Even though you are outside, you can change the door lock setting using
APP.

42

Door lock Setting using APP

Setting Menu	Description
User Code	- Add new UC and delete existing UC (Up to 6 UC) - Activate/ Deactivate all UC
Program Code	- Change PC
Mobile Key	- Family Key list (Mobile Key number) - Delete registered Guest Key - Activate/ Deactivate Guest Key
Door Auto-Lock	- Auto-lock on/off - Set Auto-lock time
Mute Door Lock	- Door lock sound on/off
Reset Protection	- Toggle Reset Protection on/off to prevent unauthorized restore - When you turn on, you need to input PC before you restore

SETTING CHANGE CAN BE APPLIED WHEN THE DOOR LOCK IS IN SETTING MODE

Change Nickname And My Mobile Key

Touch ☰ button

Touch ⚙ button

Nickname change

Notice

Touch ☰ button

Touch "NOTICE"
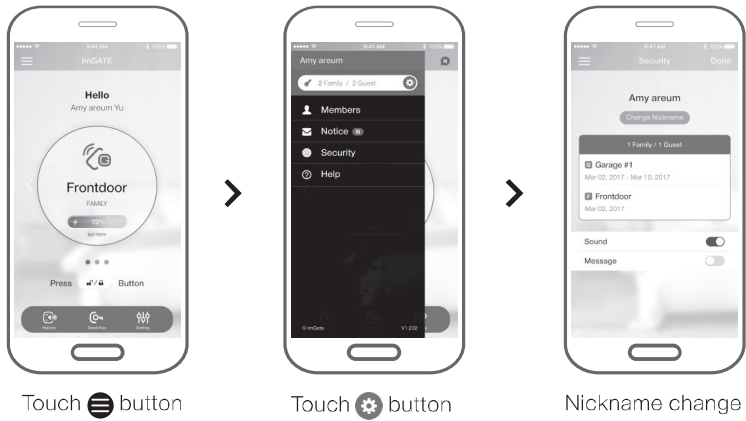
Push message list

REMARK
You can change nickname and check my Mobile Key.

REMARK
All the push message will be listed such as Mobile Key sent, Door lock installed, member added and etc.

APP Passcode/ Touch ID Setting

Touch ⬛ button → Touch "**Security**" → Passcode Lock ON → Create new Passcode

Touch ID ON

Help

Touch ⬛ button → Touch "Help"
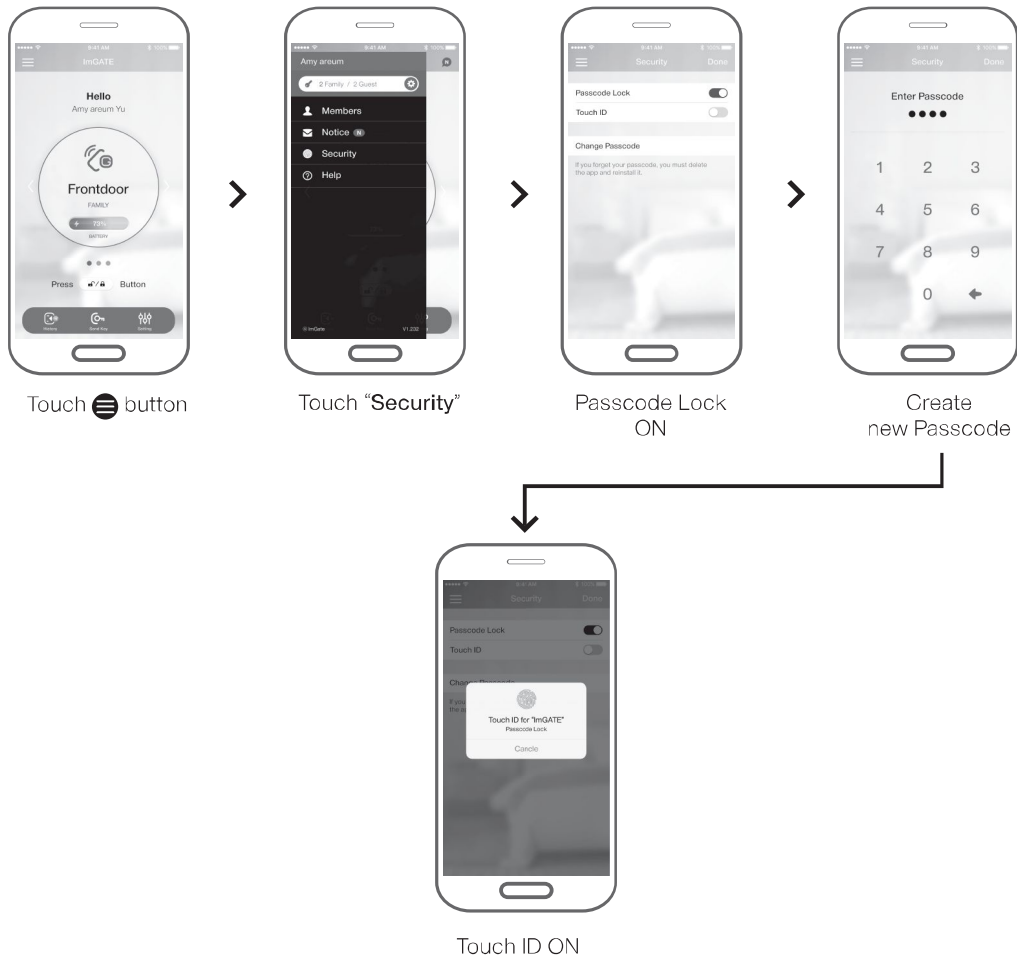
REMARK

If you want to set additional security for APP, you can turn on Passcode or Touch ID.
Once you turn on this, you should enter Passcode or Touch ID whenever you want to open the door using smartphone.
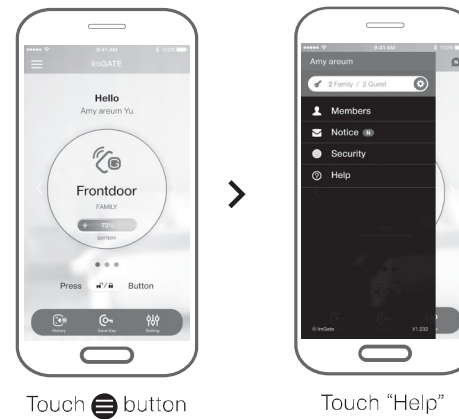
REMARK

APP guide or useful contents will be posted.
(It will be updated periodically.)
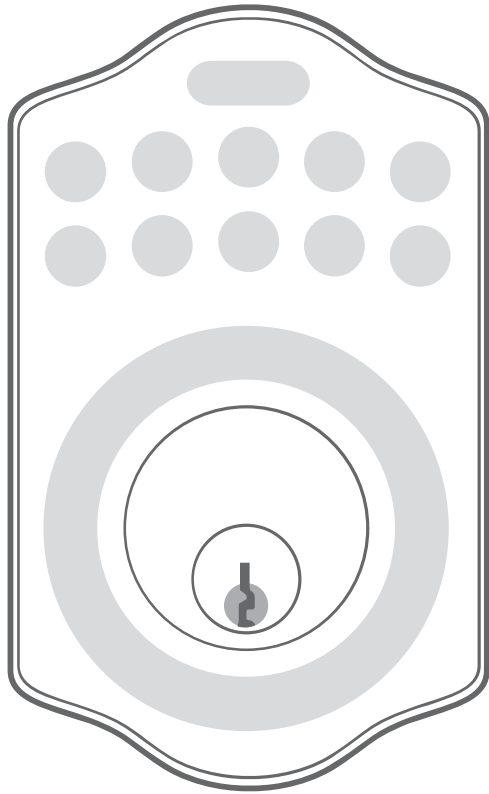
DOOR LOCK
UNLOCK/ LOCK

DOOR LOCK OPEN

Unlock using UC or Key

PRESS **UC** > PRESS **Enter** **OR** USE **KEY**

Unlock using Smartphone

In Front of Door > PRESS **Enter**

PLEASE
Turn on Smartphone Bluetooth

REMARK

Press UC (4-10 digits) and Enter button to open the door.
After install the door lock, please change preset UC for security.
(Preset User Code : 1234)

Turn the Key clockwise to open the door.
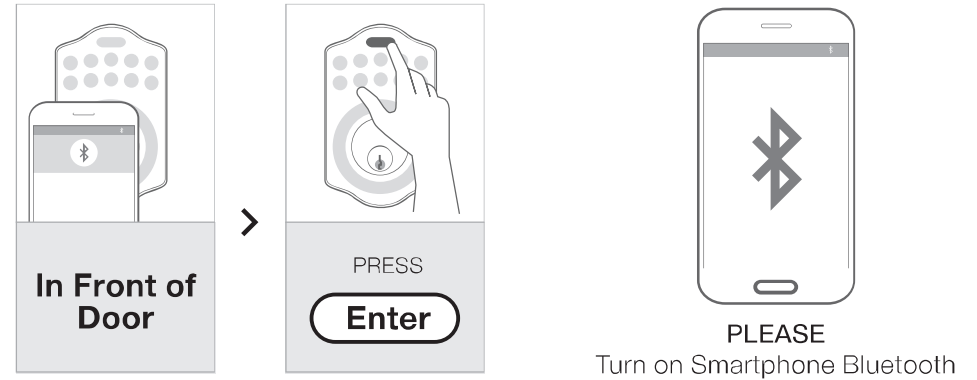
REMARK

When user approaches the door, door lock Bluetooth will be activated automatically. So user can open the door by pressing the Enter button on the door lock.

TO USE THIS FUNCTION, YOU SHOULD RECEIVE THE MOBILE KEY AFTER INSTALL YOUR SMARTPHONE TO DOOR LOCK.

Manual Lock

PRESS

Enter

Auto Lock

AUTO LOCK
(Time setting)
Preset :30 sec
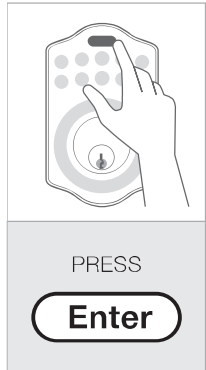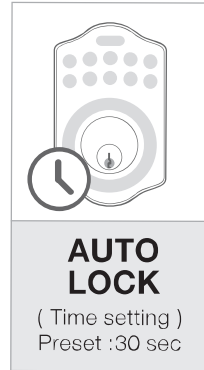
REMARK

To lock the door manually, please press Enter button after open the door.

If you set the Auto-lock function, door lock will be locked automatically after you close the door. Preset Auto-lock time is 30 seconds. Auto-lock time can be changed if needed.
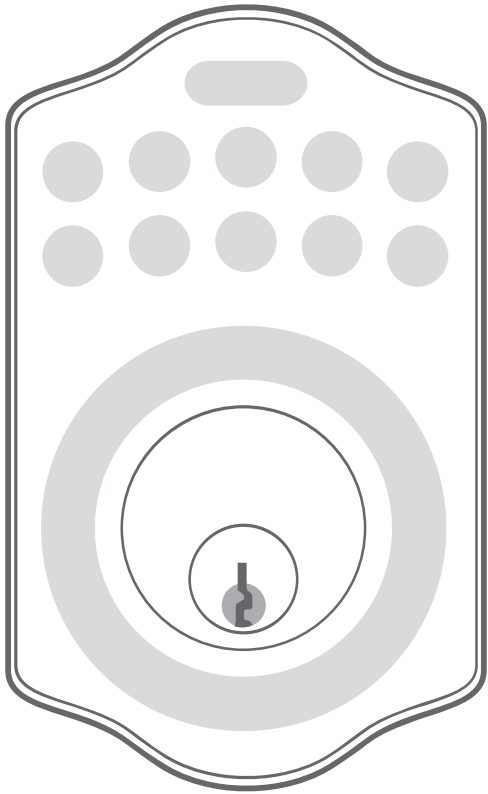
DOOR LOCK SETTING

DOOR LOCK INITIAL SETTING

Left/Right Hand Door Setting
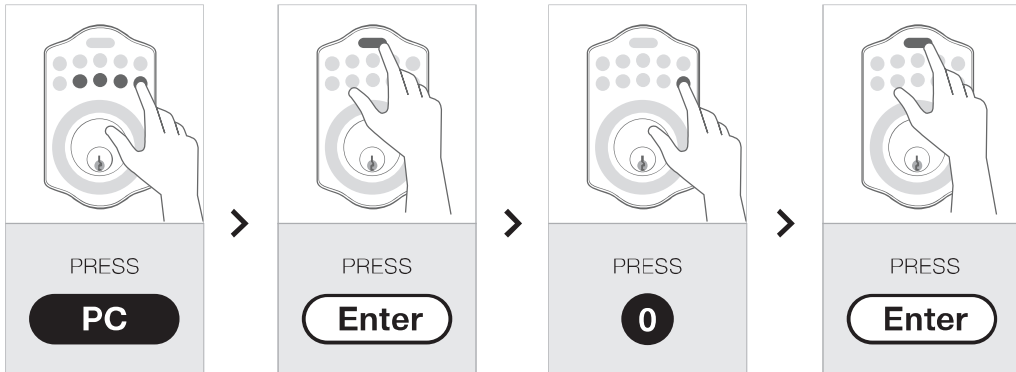
PRESS **PC** > PRESS **Enter** > PRESS **0** > PRESS **Enter**

Add New UC

PRESS **PC** > PRESS **Enter** > PRESS **1** > PRESS **Enter**

Enter New UC (4~10 digits) > PRESS **Enter**

Delete a Registered UC

PRESS **PC** > PRESS **Enter** > PRESS **2** > PRESS **Enter**

Enter UC wish to delete > PRESS **Enter**
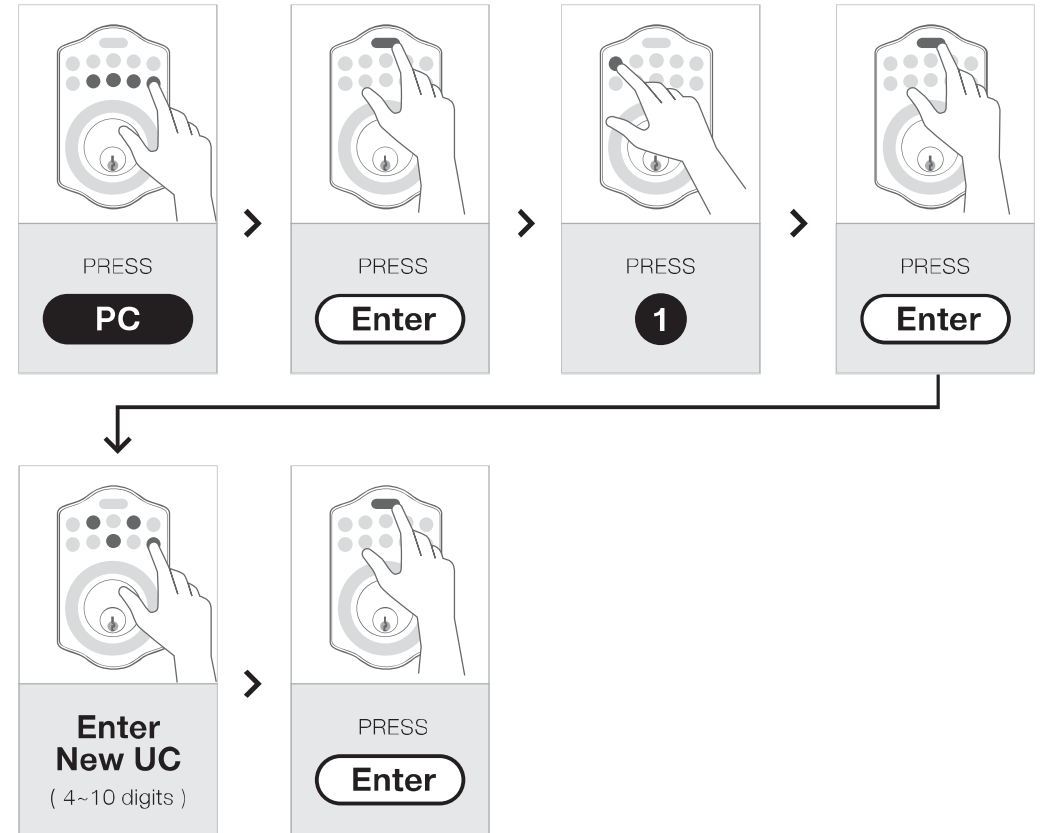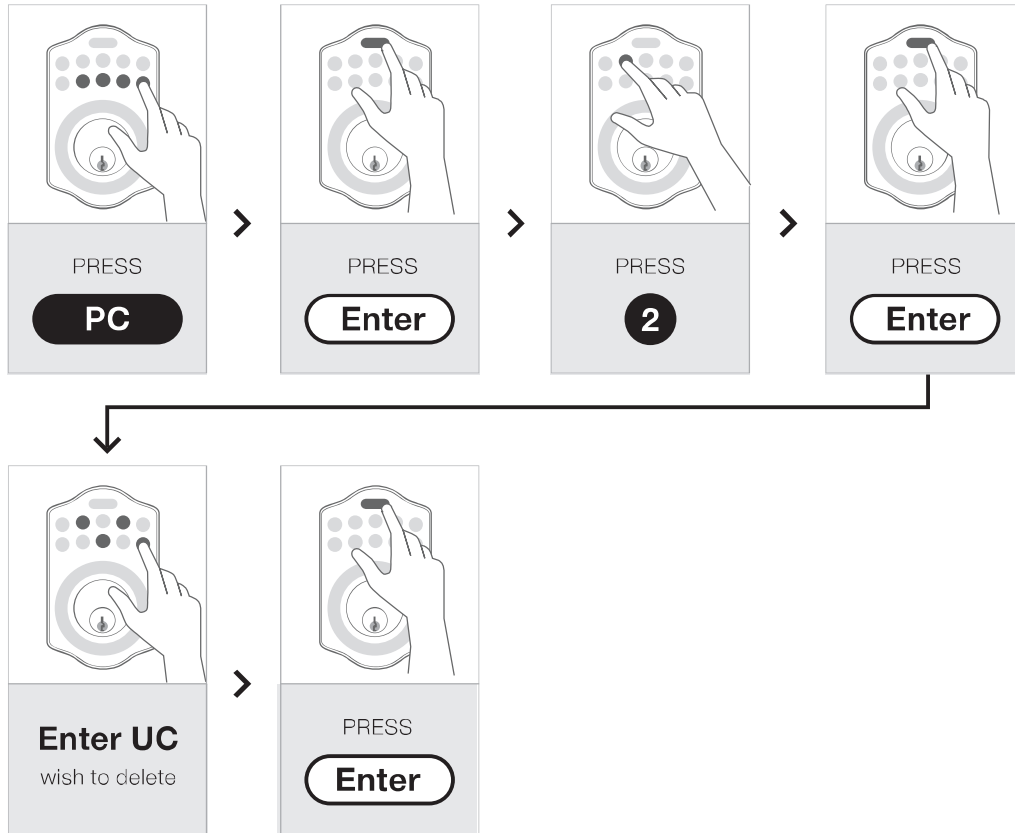
REMARK
You can delete stored UC including preset UC [1234]. Deleted UC can't be used to open the door once you delete it. But you can add as new with same UC after delete. Make sure if you have 6 sets total, you need to delete one UC and add new.

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Delete All UC at Once

PRESS **PC** > PRESS **Enter** > PRESS **3** > PRESS **Enter**
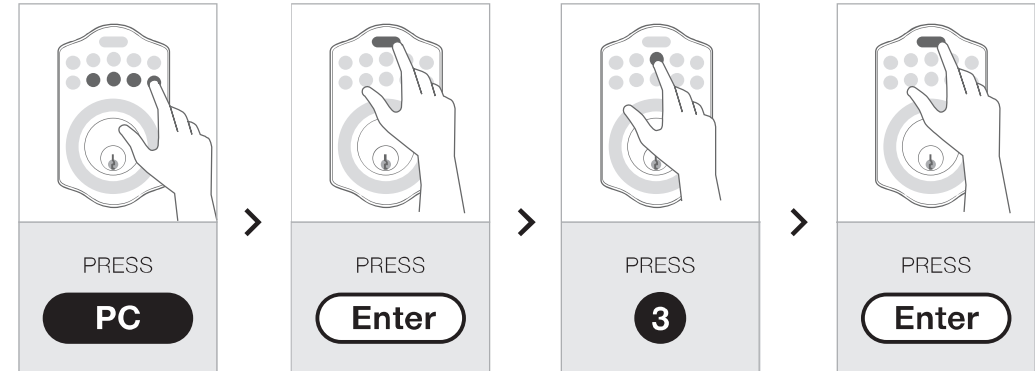
REMARK
All UC can be deleted at once. If there's no UC including One Time Code, Auto-lock and Keypad lock function will be invalid. In this situation, door lock can be operated by mechanical key and smartphone APP during the time. (APP should be installed to door lock before you open the door.)

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DOOR LOCK SETTING

Change Programming Code

PRESS **PC** > PRESS **Enter** > PRESS **4** > PRESS **Enter**

Enter New PC (4~10 digits) > PRESS **Enter**
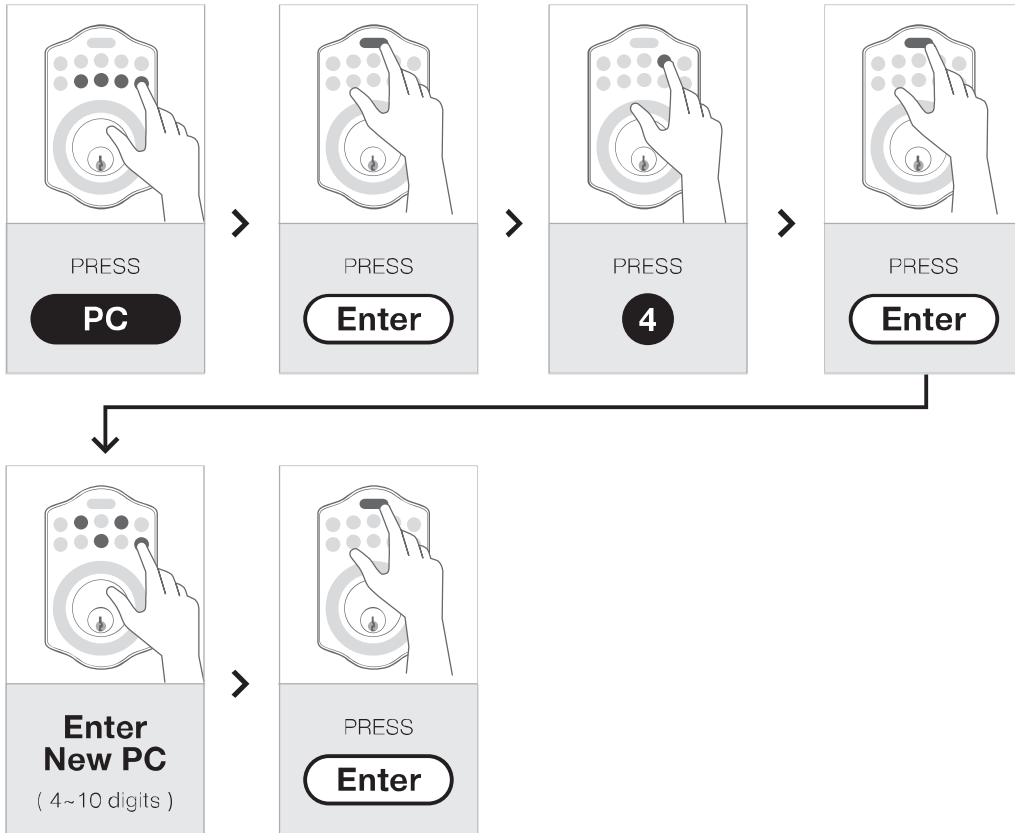
REMARK
For the security, please change preset PC. (Preset PC is [0000].) You can use one PC only and it should be 4-10 digits in length. Using APP, you can change the PC.

Auto-lock On/Off

PRESS **PC** > PRESS **Enter** > PRESS **5** > PRESS **Enter**
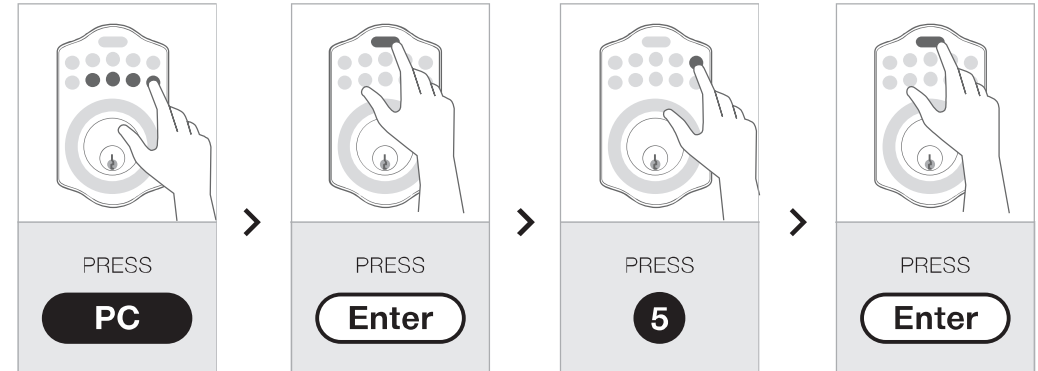
REMARK
Preset Auto-lock function is Off. If you set Auto-lock on, door will be locked automatically after you close the door. Please follow the steps above if you wish to use Auto-lock function.

DOOR LOCK SETTING

Set Auto-lock Time

PRESS **PC** > PRESS **Enter** > PRESS **6** > PRESS **Enter**

Enter Lock Time (10~99 sec) > PRESS **Enter**
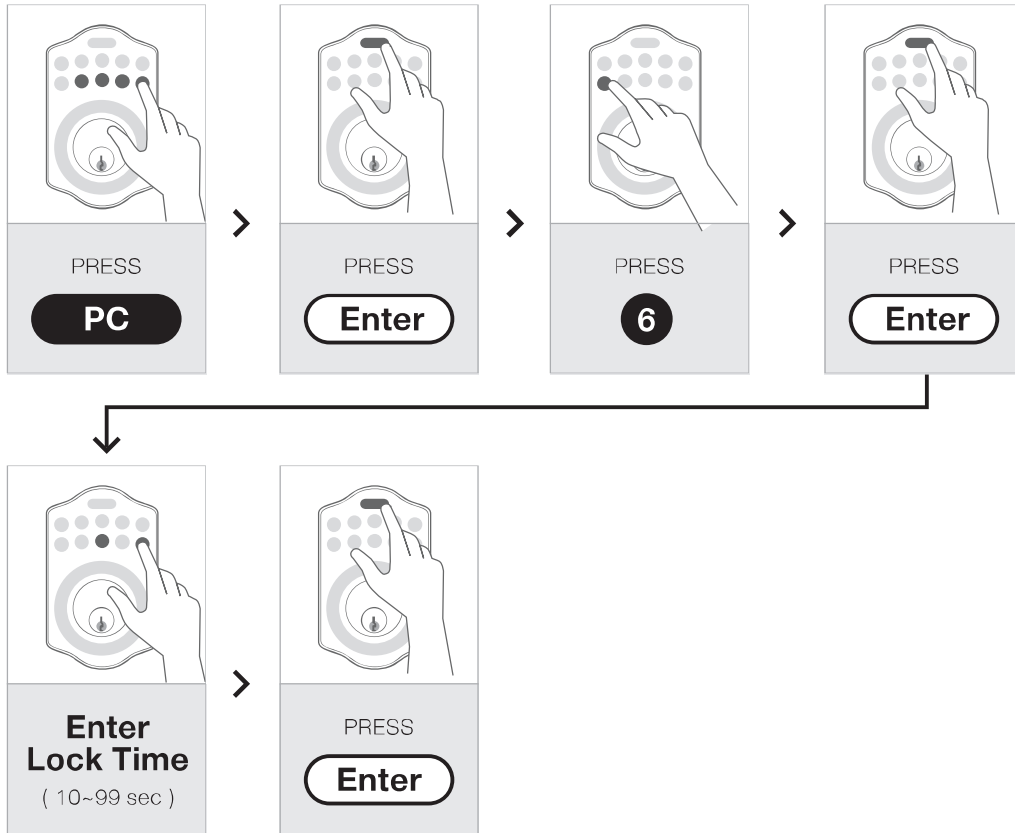
REMARK
The preset lock time is 30 seconds. You can change lock time 10-99 seconds as you want.

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Button Sound On/Off (Preset : On)

PRESS **PC** > PRESS **Enter** > PRESS **7** > PRESS **Enter**
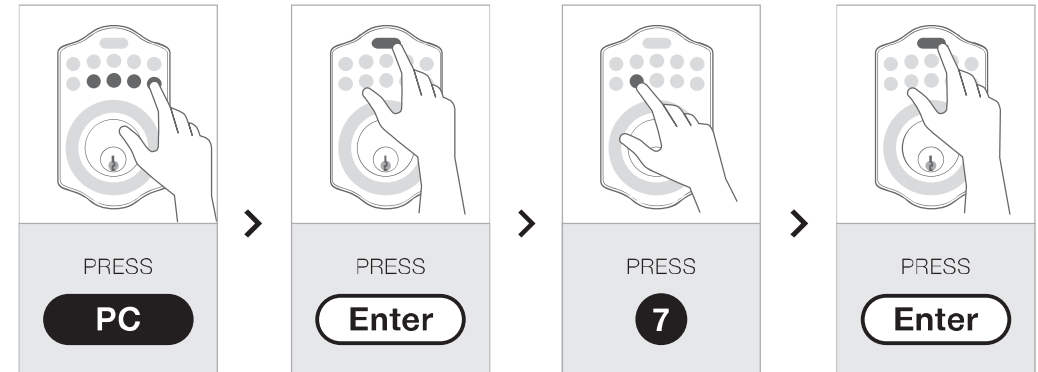
REMARK
Button sound is on by preset. If you wish to turn off the button sound from door lock, please follow the steps above. LED illumination is still functioning even though the sound is off. **EVEN THOUGH YOU SET MUTE, ALL THE ERROR SOUND WILL BE ALARMING.**

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DOOR LOCK SETTING

Temporarily Disable All UC

PRESS **PC** > PRESS **Enter** > PRESS **8** > PRESS **Enter**
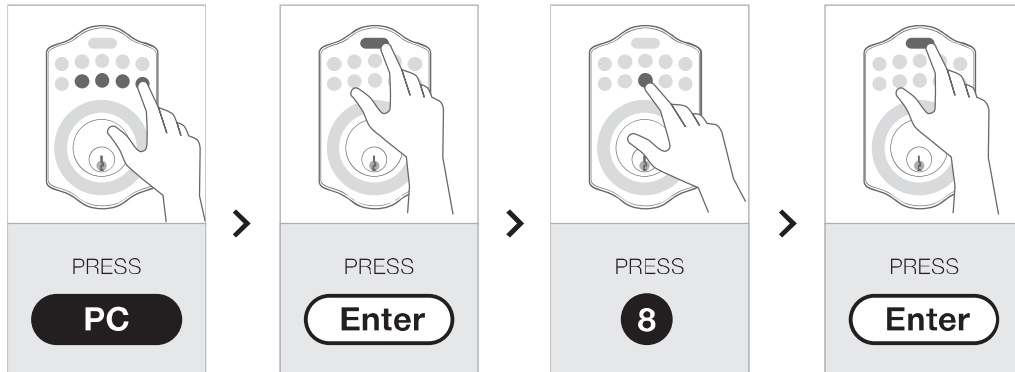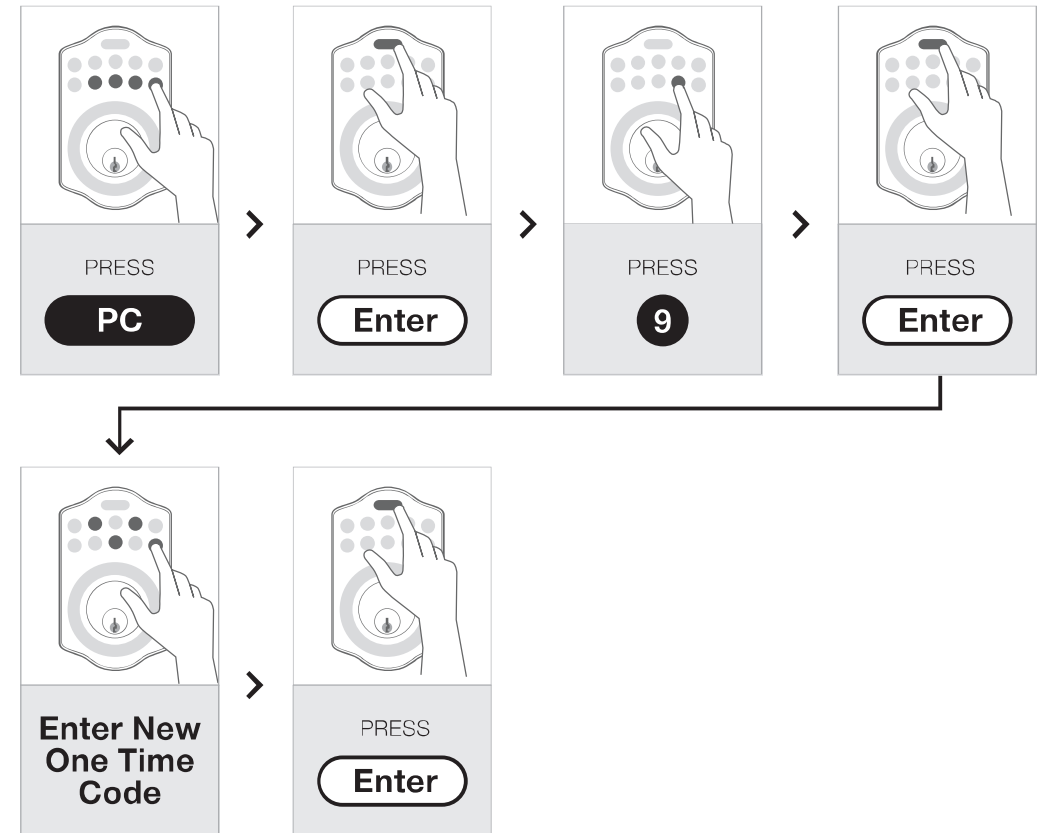
REMARK
You can disable all UC including One Time Code.   But if you disable all UC, Auto-lock and Keypad lock will be invalid.   In this situation, door lock can be operated by mechanical key and   smartphone APP during the time. (APP should be installed to door lock   before you open the door.)   To activate all UC again, repeat the same as above.

Create One Time Code

PRESS **PC** > PRESS **Enter** > PRESS **9** > PRESS **Enter**

Enter New One Time Code > PRESS **Enter**

REMARK
Up to 6 sets of One Time Code can be store at once.   One Time Code should be 4-10 digits in length and it can be used only once.   Code will be discarded after use automatically.

Door lock Bluetooth On/Off

PRESS **PC** > PRESS **Enter** > PRESS **1 1 1** > PRESS **Enter**
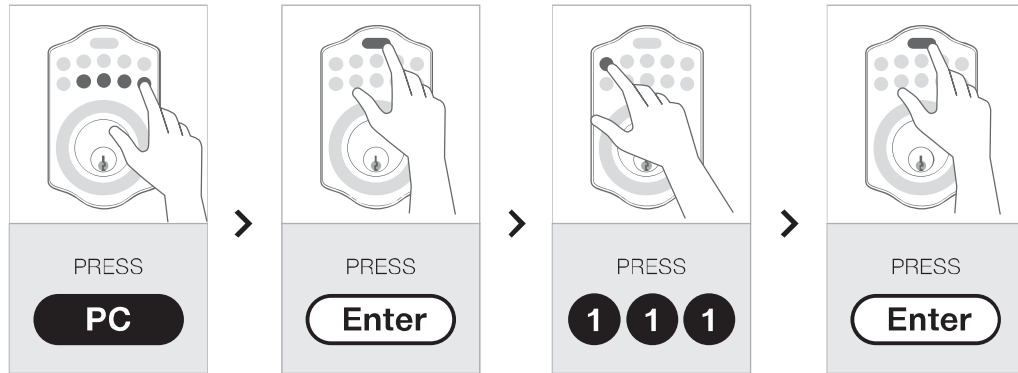
REMARK

Preset door lock Bluetooth mode is on.
You can turn on/off door lock Bluetooth by following the steps above.

YOU CAN NOT OPEN THE DOOR USING SMARTPHONE
IF YOU TURN OFF DOOR LOCK BLUETOOTH.

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Mobile Key install in Door lock

PRESS **PC** > PRESS **Enter** > PRESS **3 3 3** > PRESS **Enter**

Enter Mobile Key no. from APP (4 digits) > PRESS **Enter**
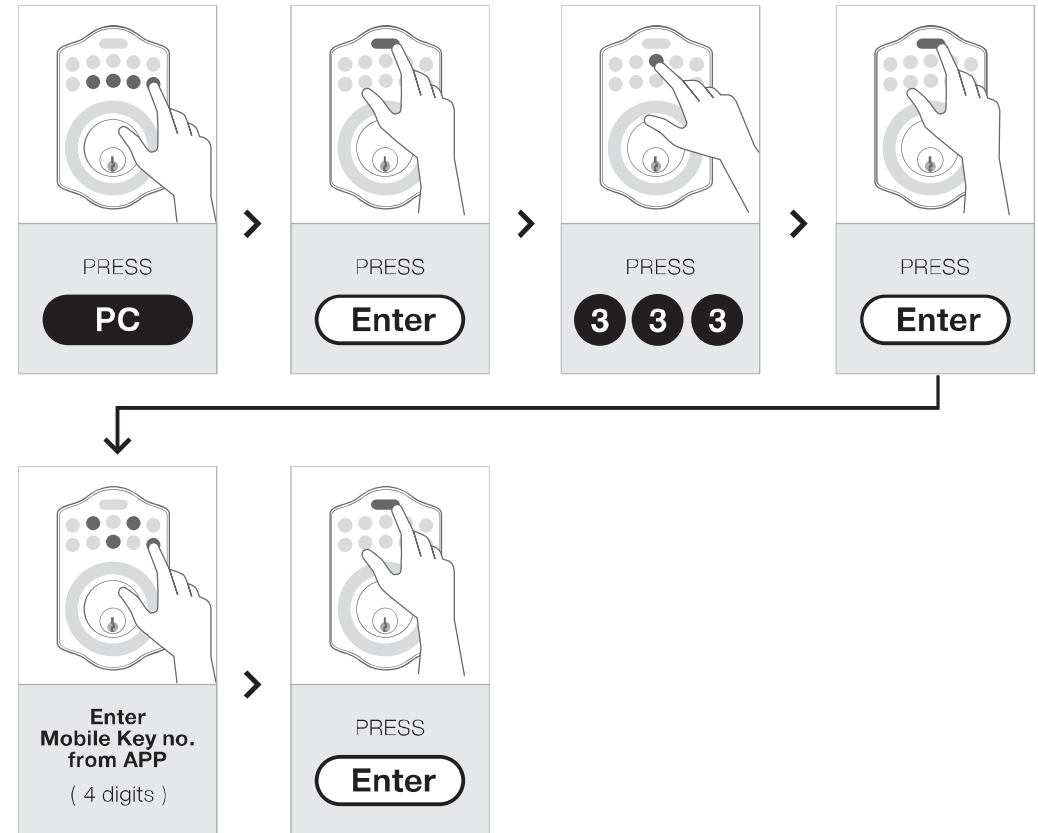
REMARK

You can use this function when one of your family members lost smartphone that installed in door lock.
From the smartphone APP you can check each Mobile Key number.

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Prevent Unauthorized Restore

PRESS
PC

>

PRESS
Enter

>

PRESS
9 **9** **9**

>

PRESS
Enter
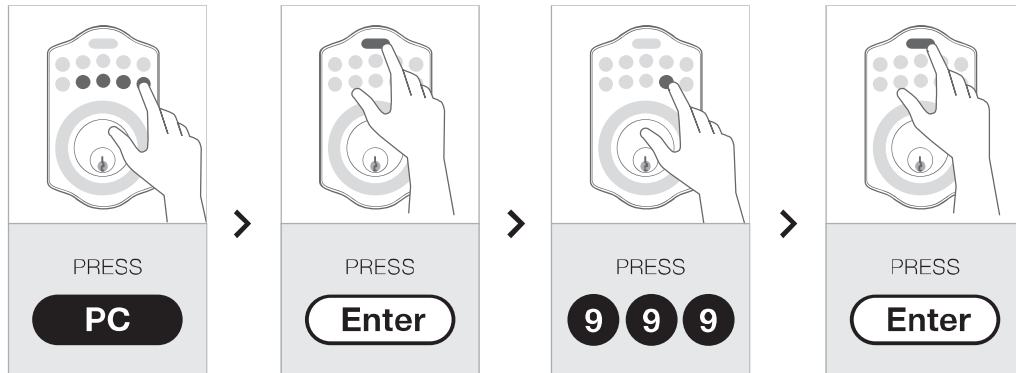
REMARK
If you want to prevent unauthorized restore, you can set using PC when you restore the door lock. Once you set it, you should input PC whenever you restore it. You also can deactivate this function by following same steps. (Preset restore is pushing R button from interior.)

REGULATORY COMPLIANCE

This product complies with standards established by the following regulatory bodies:• Federal Communications Commission (FCC)• Industry Canada

FCCThis 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 (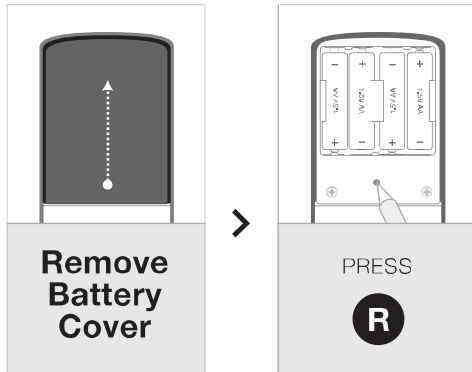 2) this device must accept any interference received, including   interference that may cause undesired operation.This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.These limits are designed to provide reasonable protection 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 theinstructions, 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 theequipment 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.**IMPORTANT !** Changes or modifications not expressly approved by the manufacturer could void the user' authority to operate the equipment.
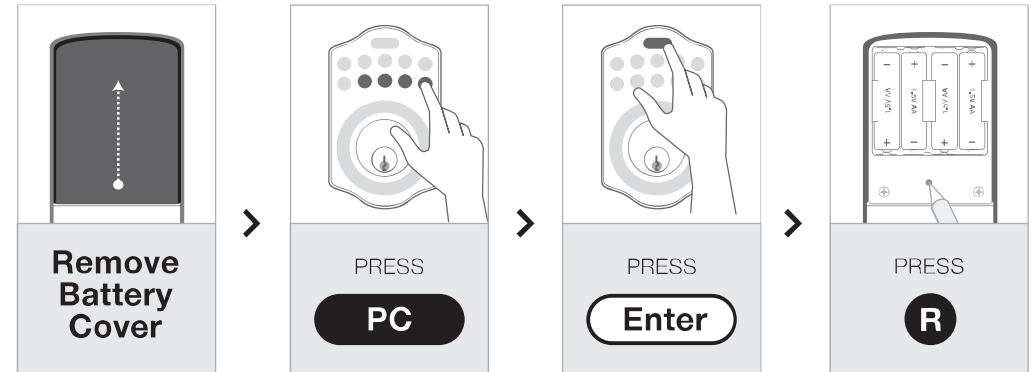
Door lock Restore 1 - Preset

Remove Battery Cover > PRESS **R**

Door lock Restore 2 - Using PC

Remove Battery Cover > PRESS **PC** > PRESS Enter > PRESS **R**

REMARK

From the inside, press R button for 5 seconds, you will hear 3 long beeps which means completed.
After restore, you should set the door open direction (Left or Right).

PREVENT UNAUTHORIZED RESTORE IS OFF.

REMARK

If you want to restore using PC, you need to set using Function code [999].
Please follow the instruction above to finish restoring.
After restore, you should set the door open direction (Left or Right).

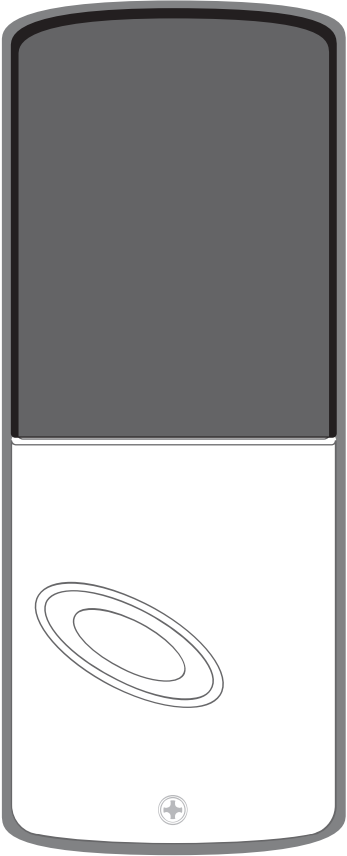**PREVENT UNAUTHORIZED RESTORE IS ON.**

DOOR LOCK INFORMATION

Sound Guide

Status	Sound
Button push	Short beep * 1
Door open	Beep * 1
Door close	Beep * 1
Daedbolt error	Beep * 3
Error / Time out	Beep * 3
Programming start	Beep * 1
Programming finish	Beep * 2
Restore	Long Beep * 3
Wrong UC 5 times	Long Beep * 5
Low battery	Long Beep * 10
Bluetooth setting mode	Beep * 4
Power on	Do-Re-Mi

LED Guide

Status	LED Effect
Button push	All Number button BLUE ON/ Enter button GREEN ON (Flash whenever you push)
Door open	All Number button BLUE ON/ Enter button GREEN ON
Door close	All Number button BLUE ON/ Enter button GREEN ON
Error/ Time out	Enter button flashes RED 3 times
Programming start	Enter button flashes ORANGE 5 times
Programming finish	Enter button flashes GREEN 2 times
Restore	Enter button flashes RED 2 times
Wrong UC 5 times	All Number button and RED Enter button flashes 3 times
Low battery	Enter button flashes RED 10 times
Bluetooth scanning	Number button flashes left→right and right→left
Bluetooth connecting	All Number button ON/ Enter button flashes GREEN
Door lock setting mode	Number button keep flashing left→right/ Enter button keep flashing ORANGE

I'm Smart, I'm Unique, I'm Secure

ImGATE