

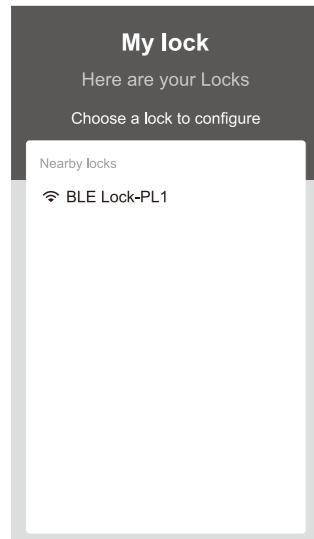
## Electronic BLE Deadbolt

Please download "BLE Smart Lock" on Google Play or App Store.

Once the installation is completed, turn on the device's Bluetooth and open "BLE Smart Lock" App to begin pairing.



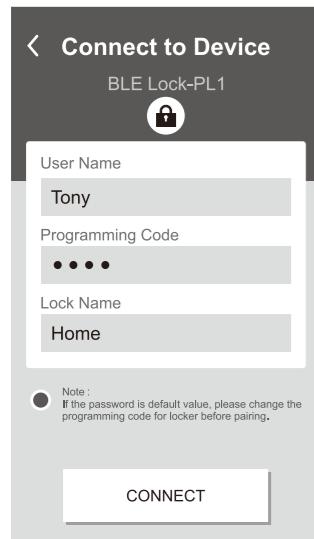
**BLE Smart Lock**



**Wait for the page to scan for Bluetooth locks in range.**  
Locks found will be shown on screen.  
Select the lock with default name of "BLE Lock-PL1" to continue.

Note: Bluetooth scanning time may vary depending on Android manufacturers.

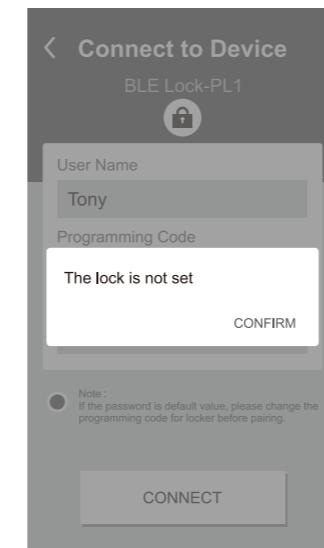
Attention: "BLE Lock-PL1" shown in black font means the unit is available.  
Paired lock names will be shown in red.



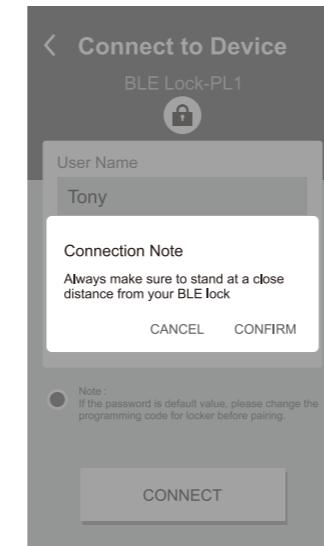
**Enter lock information to proceed with pairing.**  
Chinese characters are not supported.  
Please use alphanumeric characters only.

Attention: The factory default programming code is: 0-0-0-0.  
If the programming code has been changed by user, please enter the newly changed programming code.

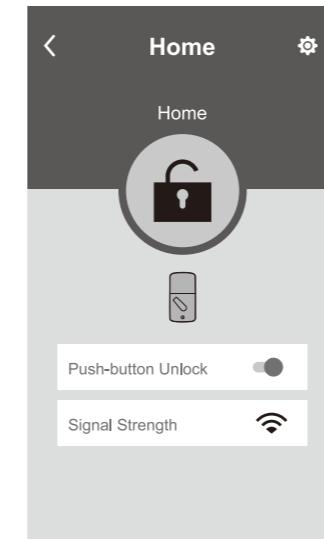
## Pairing With Bluetooth Lock



**Attention:**  
When "The lock is not set" message appears.  
Please follow the instructions for door handing - so that your lock knows if it is used on a left hand or right hand door. Then proceed with pairing.



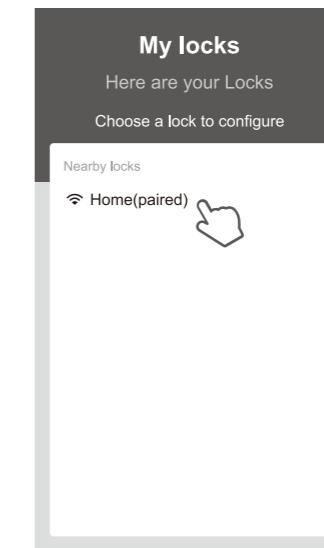
**Attention:**  
When "Motor Detect Error" message appears.  
Bluetooth pairing must be carried out while the lock is in unlocked state.  
Please first unlock, then proceed with pairing process.



**Bluetooth paring is completed when the lock setting screen displays the following:**

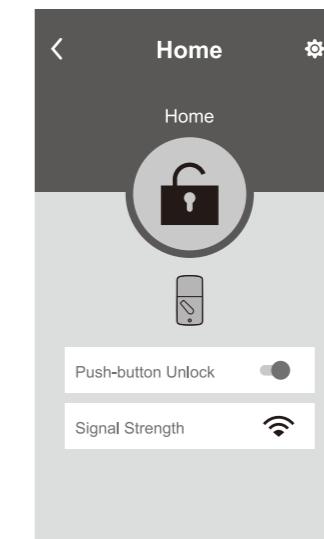
- Administrator Function Settings
- Home Lock Name (Set by user)
- Go Back
- Lock / Unlock
- Lock Battery Level
- Push-Button Unlock On / Off (Default on)
- Bluetooth signal strength between Smart phone and lock

## Lock / Unlock With Paired Mobile Phone



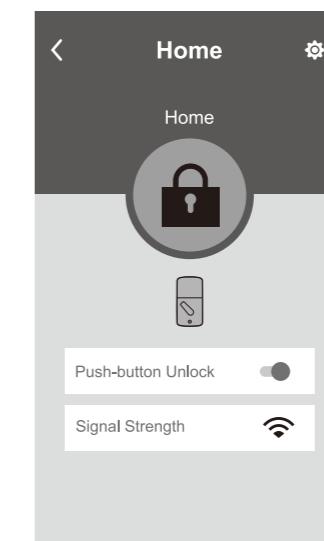
**Open BLE Smart Lock App and select paired lock.**

Attention: The working range between the lock and your Smartphone is around 16 feet (5m).



**Unlocked Icon**

The GREEN (unlocked) icon means the current status of the lock is "UNLOCKED".



**Locked Icon**

The ORANGE (locked) icon means the current status of the lock is "LOCKED".

## Bluetooth Authentication

### Press "Back" key and exit App.

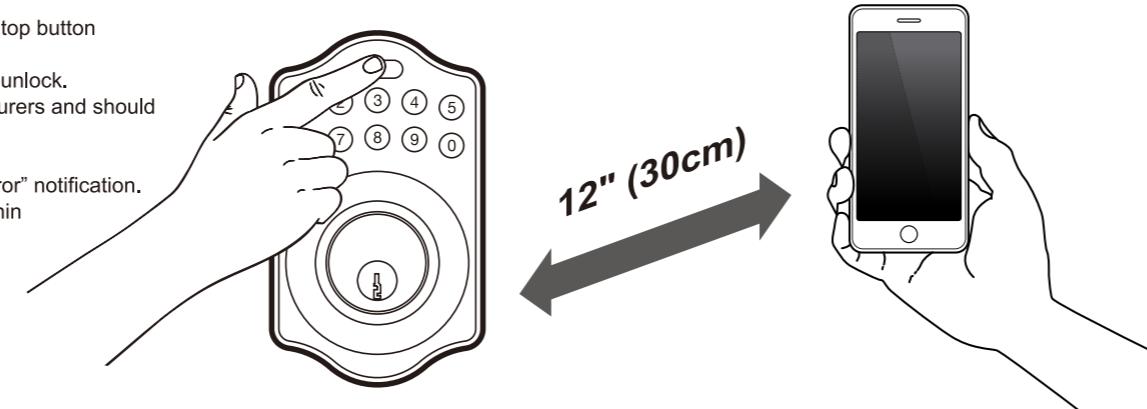
Make sure your smart phone is within 12" (30cm) of the lock, then push the top button on your lock to proceed with Bluetooth authentication.

Once authenticated, the mobile phone will send "Unlocked" notification and unlock.

Bluetooth authentication time may vary between different Android manufacturers and should not take longer than 5 seconds.

Attention: If authentication fails, mobile phone will send "Unlock distance error" notification.

Please adjust the distance between mobile phone and lock to within 12" (30cm), and then try again.



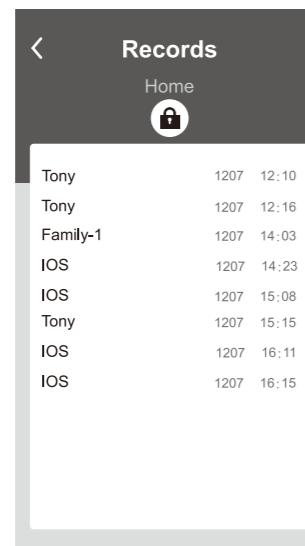
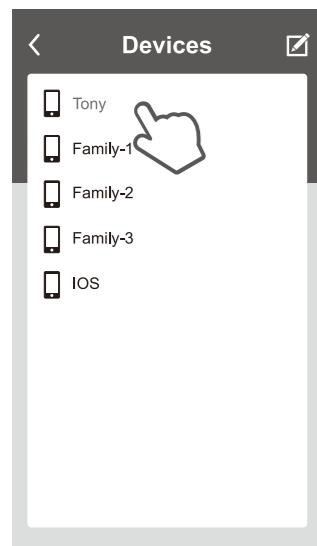
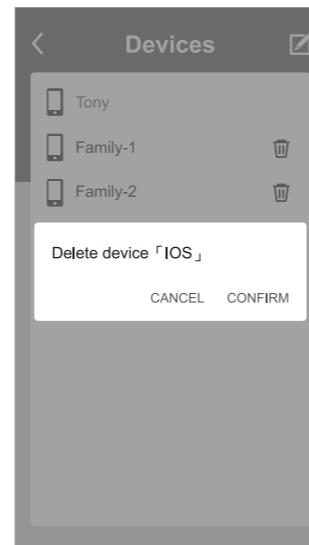
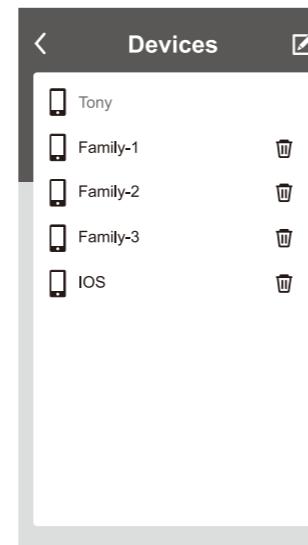
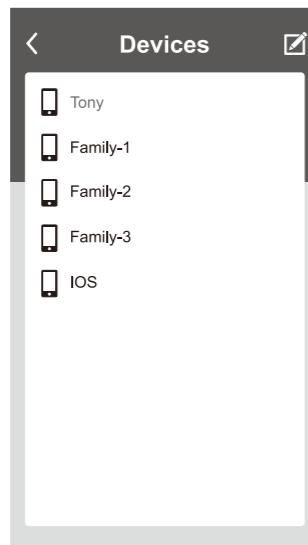
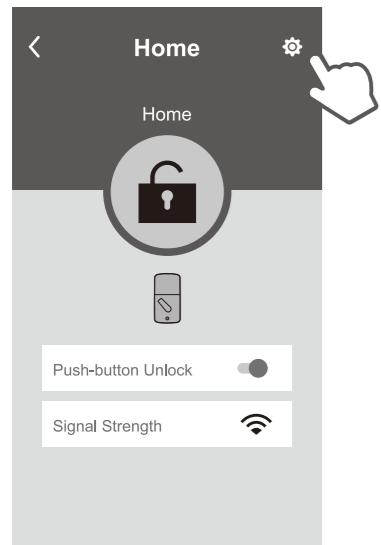
## Administrator Functions

### Load paired devices list

Select the Setting icon on the top right corner of the locking setting screen to view paired Bluetooth devices.

Administrator's name appears in red. All other users' name appear in black.

(6 devices max, including the administrator)



### Review Usage Log

Select administrator device name (in red) to review usage log.

Attention: Unlocks made with passwords will show in log as "Code", but no date and time information will be recorded.

### REGULATORY COMPLIANCE

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

#### FCC

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.  
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.

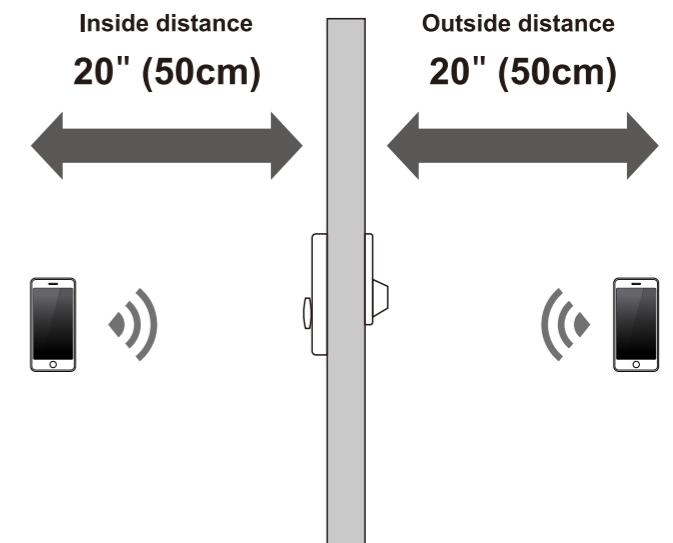
#### IMPORTANT !

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

## Safety Detection

When the smart phone is within 20" (50cm) of the lock and the connection has been established a 10 seconds countdown will begin on the lock.

If user does not unlock within 10 seconds by pressing the "Bluetooth" button, five short beeps will sound warning the user that currently mobile phone is within connection distance and they should move out of the 20" (50cm) connection range.



## Troubleshooting

Problem	Possible Causes	Actions
Unable to find locks on the scan page.	(1) Bluetooth not turned on. (2) Batteries are low or dead.	(1) IOS system please manually enable Bluetooth function. (2) Change batteries.
"The lock is not set" message appears during pairing process.	Door handing has not been set.	Please refer to user manual and set door handing first before attempting to pair with the lock.
"Motor Detect Error" message appears during pairing process.	Lock has not been unlocked.	Please turn lock bolt to "Unlocked" state/status, then try the pairing process again.
"Lock Has Been Reset" message appears when entering Settings screen in App.	(1) The lock has been reset by other users. (2) User has been deleted by administrator.	(1) Please turn lock bolt to "Unlocked" state/status, then try the pairing process again. (2) Please consult with the administrator.
Unable to perform one push unlock.	(1) Mobile phone is too far from the lock. (2) Push-Button unlock is not enabled. (3) Lock has been reset.	(1) Please make sure the mobile phone is within 12" (30cm) of the lock for one push unlock. (2) Please enter the settings page within the App and make sure "Push-Button unlock" is enabled. (3) Please enter the settings page within the App and make sure the lock had not been reset.
Safety detection still beeps warning at distance over 3 feet (1m).	Mobile phone was not paired correctly by touching the lock during the pairing process.	Please reset lock or contact administrator and delete currently user, then try pairing the lock again to establish safety distance.

# ELECTRONIC DEADBOLT

## Installation Guide



### WARNING

Do not use an electric screwdriver during installation.

### WARNING

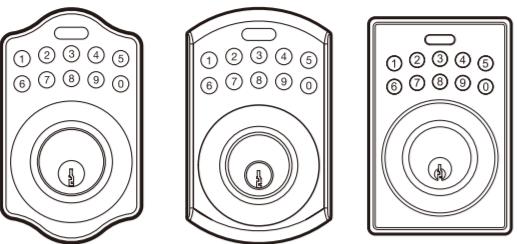
This Manufacturer advises that no lock can provide complete security by itself.

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

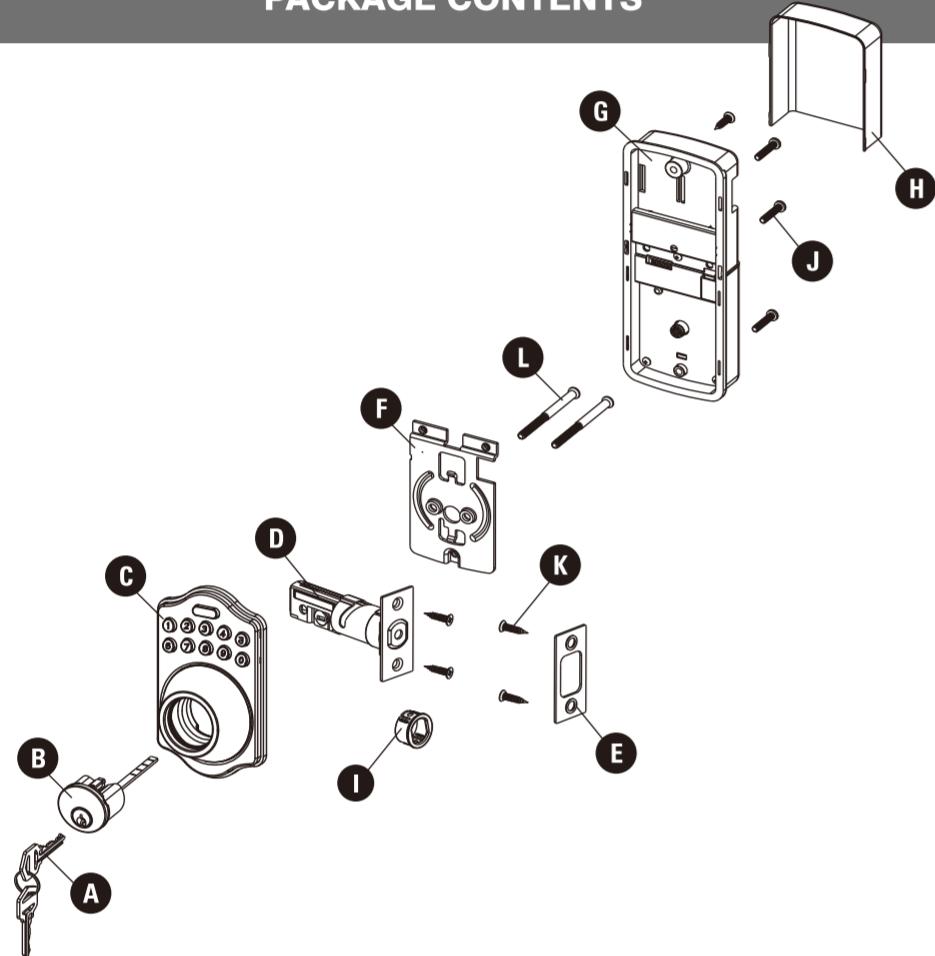
No lock can substitute for caution, awareness of your environment, and common sense.

Builder's hardware is available in multiple performance grades to suit the application.

In order to enhance security and reduce risk, you should consult a qualified locksmith or other security professional.

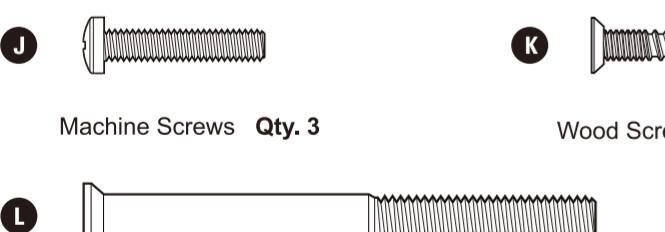


## PACKAGE CONTENTS



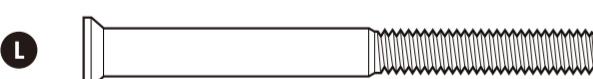
Part	Description	Quantity
A	Key	2
B	Cylinder	1
C	Deadbolt Keypad Assembly	1
D	Deadbolt Latch	1
E	Drive-in Sleeve (Optional)	1
F	Mounting Plate	1
G	Receiver Assembly	1
H	Battery Cover	1
I	Strike Plate	1
J	Wood Screw	5
K	Machine Screw	3
L	Deadbolt Chassis Screw	2

## HARDWARE SCREWS CONTENTS



Machine Screws Qty. 3

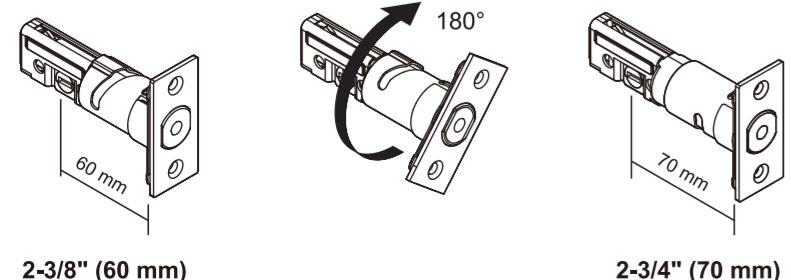
Wood Screws Qty. 5



Deadbolt Chassis Screws Qty. 2

## LATCH ADJUSTMENT

Determine if the latch needs to be adjusted to the 2-3/4" (70 mm) backset.  
To adjust, rotate the latch until it stops.  
Reverse the direction to return to the 2-3/8" (60 mm) backset.



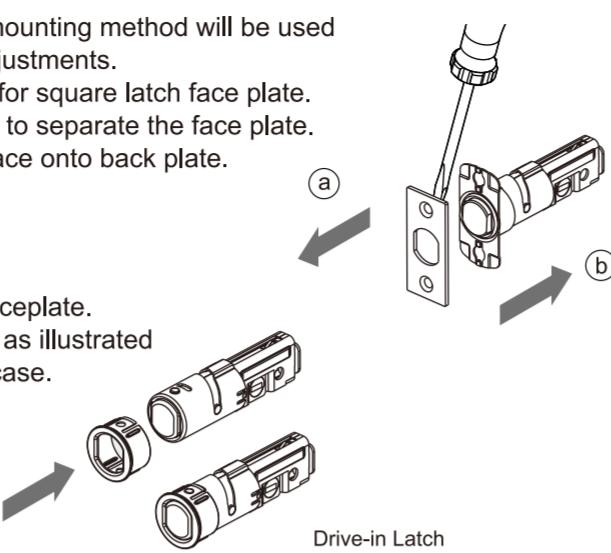
2-3/8" (60 mm)      180°      2-3/4" (70 mm)

## CHANGE LATCH FACE

Determine which latch mounting method will be used and make necessary adjustments.  
No adjustment required for square latch face plate.  
a. Use a flat screwdriver to separate the face plate.  
b. Snap selected latch face onto back plate.

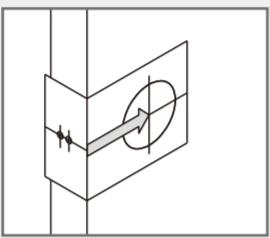
### Drive-in Installation

Remove original latch faceplate.  
Align the drive-in sleeve as illustrated and snap into the latch case.



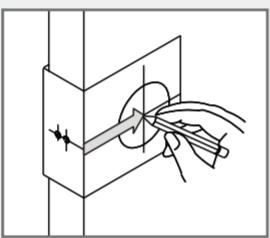
Drive-in Latch

## 1 Backset Determination



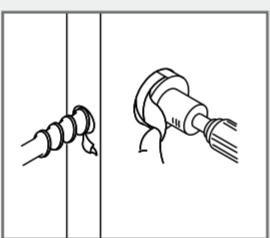
Backset is a distance from door edge to centre of hole on door face.  
Adjustable latch fits both backset of 2-3/8" (60 mm) and 2-3/4" (70 mm).

## 2 Mark the Door with Template



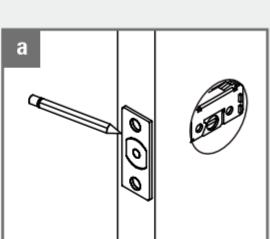
Select the height and backset as desired on the door face; use the TEMPLATE as an indication to mark the centre of the circle on the door face and the centre of the door edge.

## 3 Drill Holes



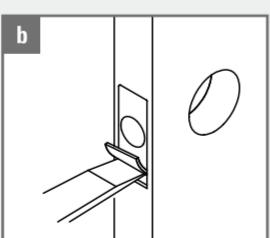
Using the marks as a guide to drill a hole Ø2-1/8" (54 mm) through the door face for the lockset, then a hole of Ø1" (25.4 mm) for latch.

## 4 Install Latch

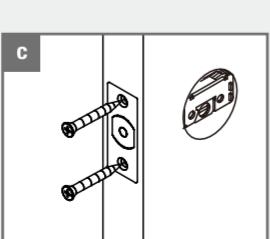


Insert the latch and ensure it is parallel to the door face. Mark the outline of the faceplate, then take out the latch.

You need to stay this way up when inserting the latch.



Chisel 5/32" (4 mm) deep along the outline to allow the faceplate to be aligned with the door edge.

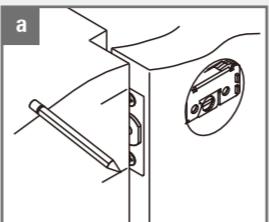


Insert the latch into the door. Use 2 wood screws to secure latch.

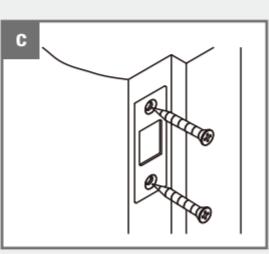
Please do not fully tighten the screws until lock is completely installed.

**Install Drive-in Latch**  
Drive the latch into the hole on edge of door.

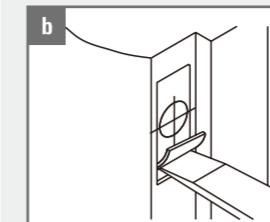
## 5 Install Strike



To identify the centre of strike: close the door to lay the latchbolt against the door frame.  
Mark the centre line on the doorframe exactly opposite the latch hole in the door edge.

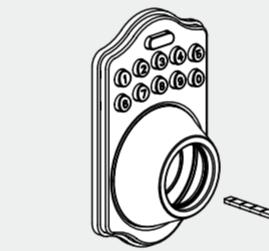


Measure one half of door thickness from door stop and vertically mark centre line of strike.  
Drill 1" (25.4 mm) hole, 1" (25.4 mm) deep at intersection of horizontal and vertical line of strike.



Chisel 5/64" (2 mm) deep along the strike outline to allow the strike to be aligned with the doorframe.

## 6 Install Keypad Assembly

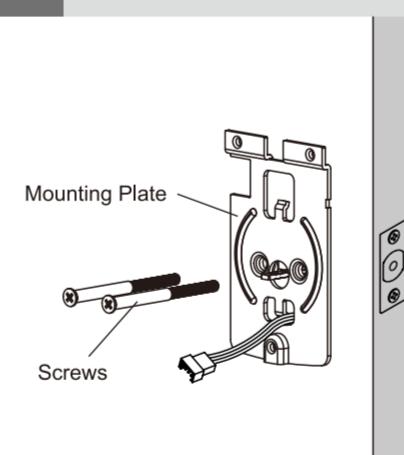


Install cylinder into the deadbolt keypad assembly with tailpiece in horizontal position inserted through hub of the latch.

Pass the IC wire under the latch to the interior side of the door.



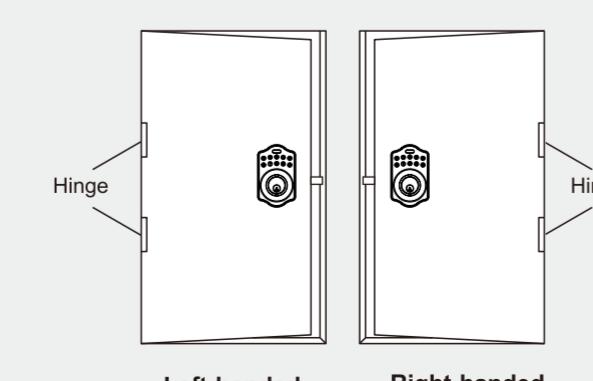
## 7 Install Inside Mounting Plate



Pass the IC wire through the wire hole of the mounting plate.  
Fix the mounting plate with screws.  
If outside lock assembly is lopsided, please loosen the screws to adjust its position and tighten the screws again.

## 8 Identify Door Handing

Face the door from the outside.  
The door is left-handed if the hinges are on the left side of the door, whereas the door is right-handed if the hinges are on the right side of the door.

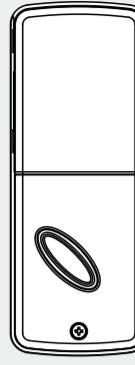


## 9 Adjust Thumb Turn Piece

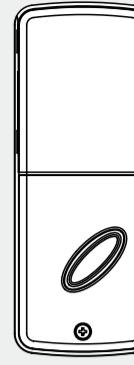
Rotate the thumb turn piece to the LEFT at 45 degrees for right-handed doors.

Rotate the thumb turn piece to the RIGHT at 45 degrees for left-handed doors.

Note : The thumb turn piece is opposite to the latching side.



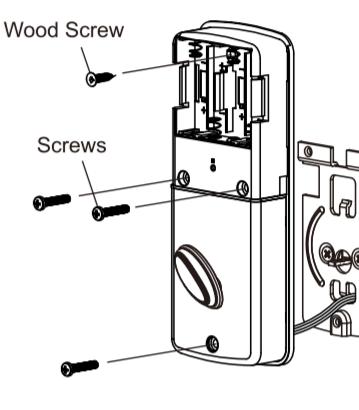
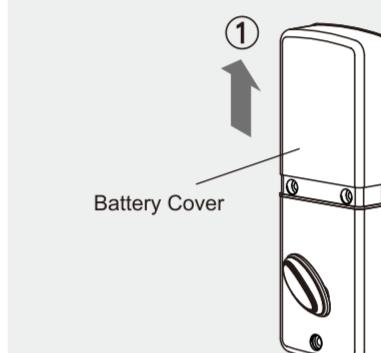
For right-handed door



For left-handed door

## 10 Install Receiver Module

Remove the battery cover (push it up first then pull it out).



Connect the IC wire into the back of the receiver module.  
Ensure that the deadbolt tailpiece is engaged with turn piece, then attach receiver module to the door with screw.  
Use the optional wood screw to secure the receiver module to wood doors only.

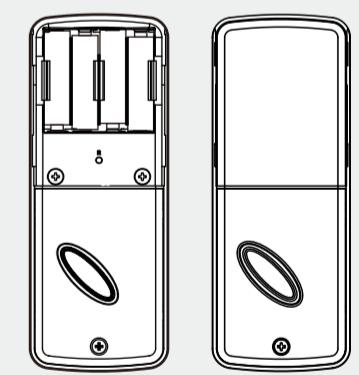
## 11 Insert Batteries

Insert 4 (AA) 1.5 V alkaline batteries and slide the battery cover back onto the receiver module.

### Remarks:

(1) Alkaline batteries are recommended in order to stabilize the power supply.  
If you don't use alkaline, battery performance will be reduced greatly.

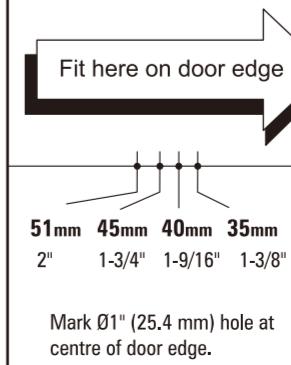
(2) All settings will be retained in the memory even if the batteries are completed dead.



## TEMPLATE

FOR BACKSET 2-3/4" (70 mm)

FOR BACKSET 2-3/8" (60 mm)



Fit here on door edge  
Ø2-1/8" (54 mm)  
51mm 45mm 40mm 35mm  
2" 1-3/4" 1-9/16" 1-3/8"

Mark Ø1" (25.4 mm) hole at centre of door edge.