

# PROXIMITY ELECTRONIC DEADBOLT

## Installation Guide

### WARNING

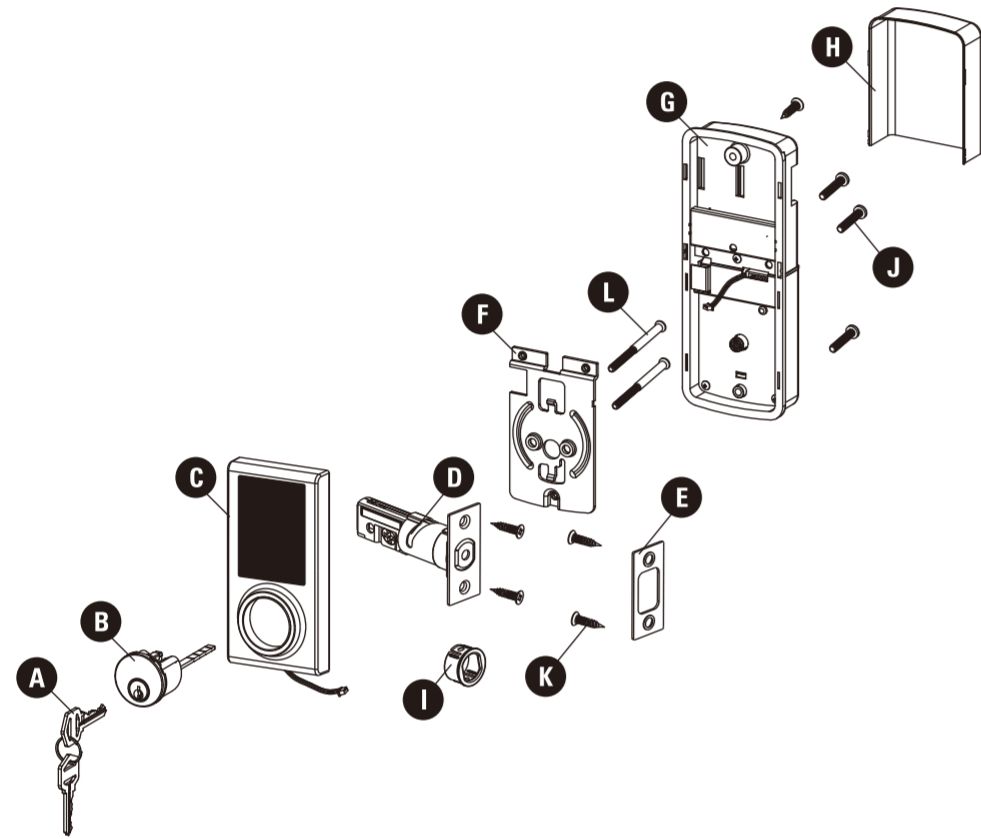
Do not use an electric screwdriver during installation.



### 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



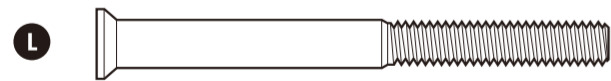
Part	Description	Quantity	Part	Description	Quantity
A	Key	2	E	Strike Plate	1
B	Cylinder	1	F	Mounting Plate	1
C	Deadbolt Touchpad Assembly	1	G	Receiver Assembly	1
D	Deadbolt Latch	1	H	Battery Cover	1
			I	Drive-in Sleeve	1

## HARDWARE SCREWS CONTENTS



Machine Screws Qty. 3

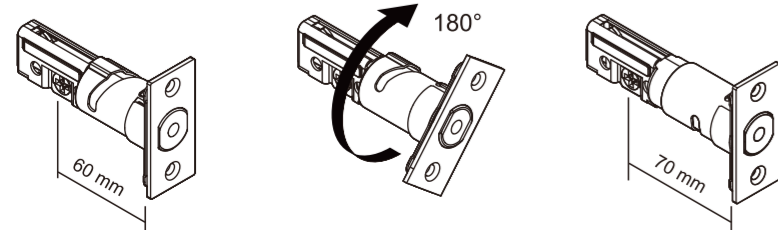
Wood Screws Qty. 5



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)

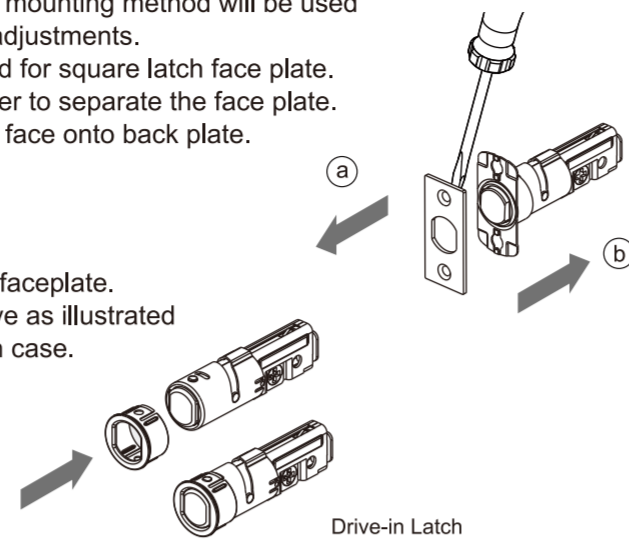
2 3/4" (70 mm)

## 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.

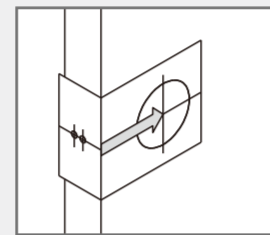
### Drive-in Installation

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



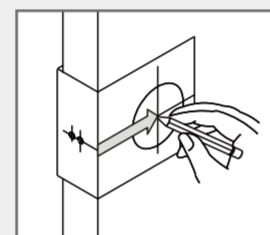
Drive-in Latch

## 1 Backset Determination



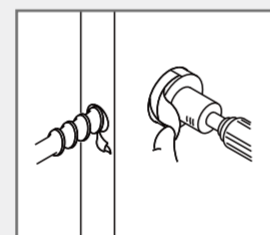
Backset is a distance from door edge to centre of hole on door face. Adjustable latch fits both backset of 2-3/8" (60 mm) and 2-3/4" (70 mm).

## 2 Mark the Door with Template



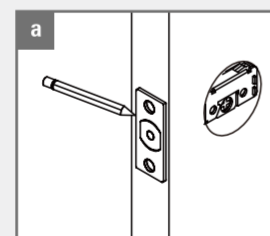
Select the height and backset as desired on the door face; use the TEMPLATE as an indication to mark the centre of the circle on the door face and the centre of the door edge.

## 3 Drill Holes



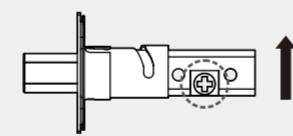
Using the marks as a guide to drill a hole Ø2-1/8" (54 mm) through the door face for the lockset, then a hole of Ø1" (25.4 mm) for latch.

## 4 Install Latch

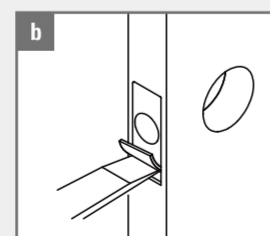


Insert the latch and ensure it is parallel to the door face. Mark the outline of the faceplate, then take out the latch.

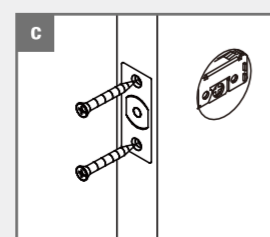
You need to stay this way up when inserting the latch.



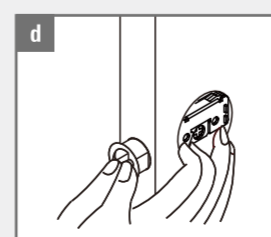
Make sure the cross in the latch is on the bottom.



Chisel 5/32" (4 mm) deep along the outline to allow the faceplate to be aligned with the door edge. Note: It is not necessary to chisel the door edge for the faceplate installation if you use the drive-in latch.

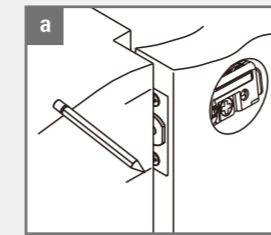


Insert the latch into the door. (Make sure the cross is on the bottom of the latch.) Use 2 wood screws to secure latch. Please do not fully tighten the screws until lock is completely installed.

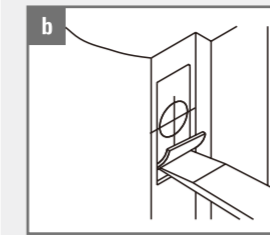


**Install Drive-in Latch**  
Drive the latch into the hole on edge of door.

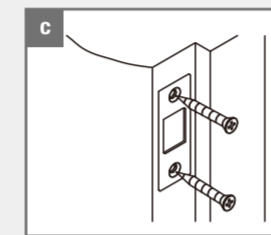
## 5 Install Strike



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.



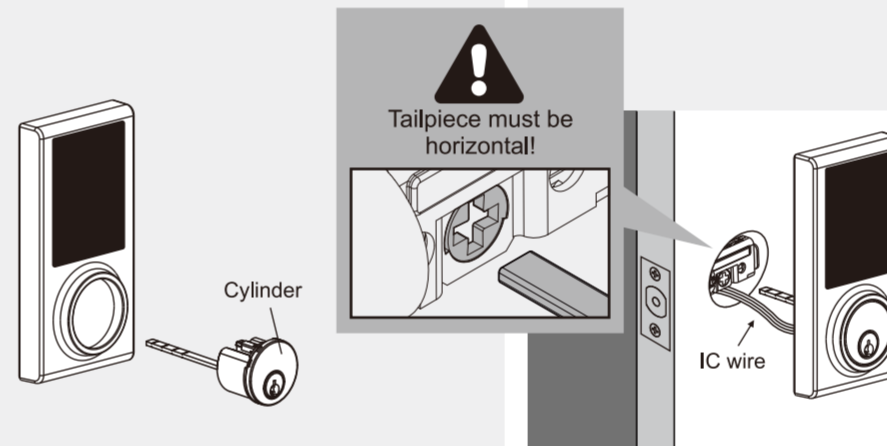
Install the strike plate into your door frame and tighten with wood screws.

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

## 6 Install Keypad Assembly

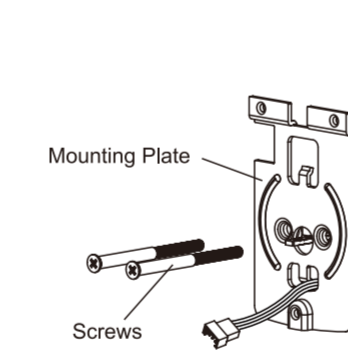
Install cylinder into the deadbolt keypad assembly with tailpiece in horizontal position inserted through hub of the latch.

Pass the IC wire under the latch to the interior side of the door, and insert the tailpiece through the cross-shaped crank of the latch.



Tailpiece must be horizontal!

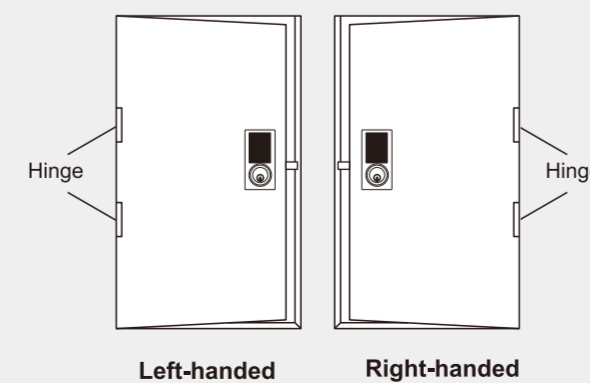
## 7 Install Inside Mounting Plate



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

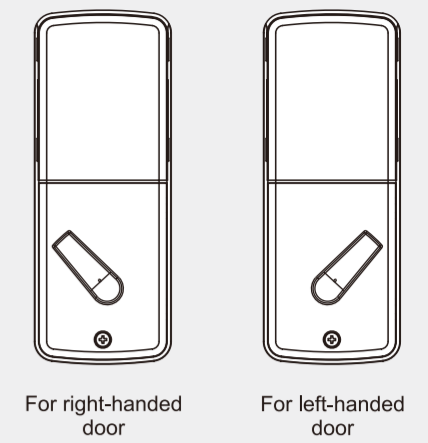
Face the door from the outside. The door is left-handed if the hinges are on the left side of the door, whereas the door is right-handed if the hinges are on the right side of the door.



## 9 Adjust Thumb Turn Piece

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

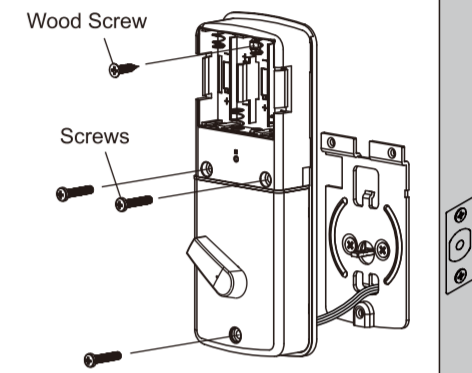
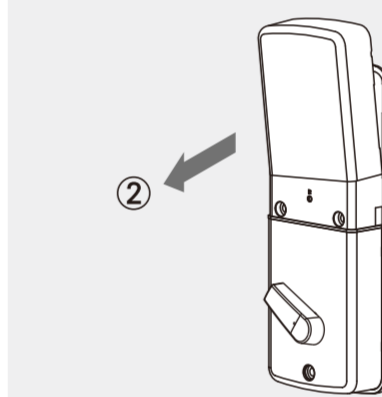
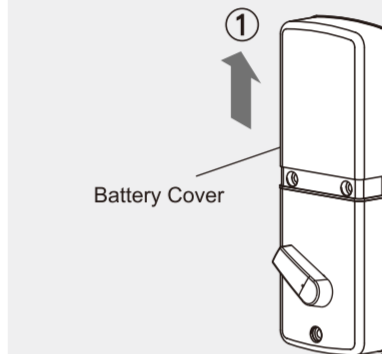
Rotate the thumb turn piece to the RIGHT at 45 degrees for left-handed doors.



For right-handed door For left-handed door

## 10 Install Receiver Module

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



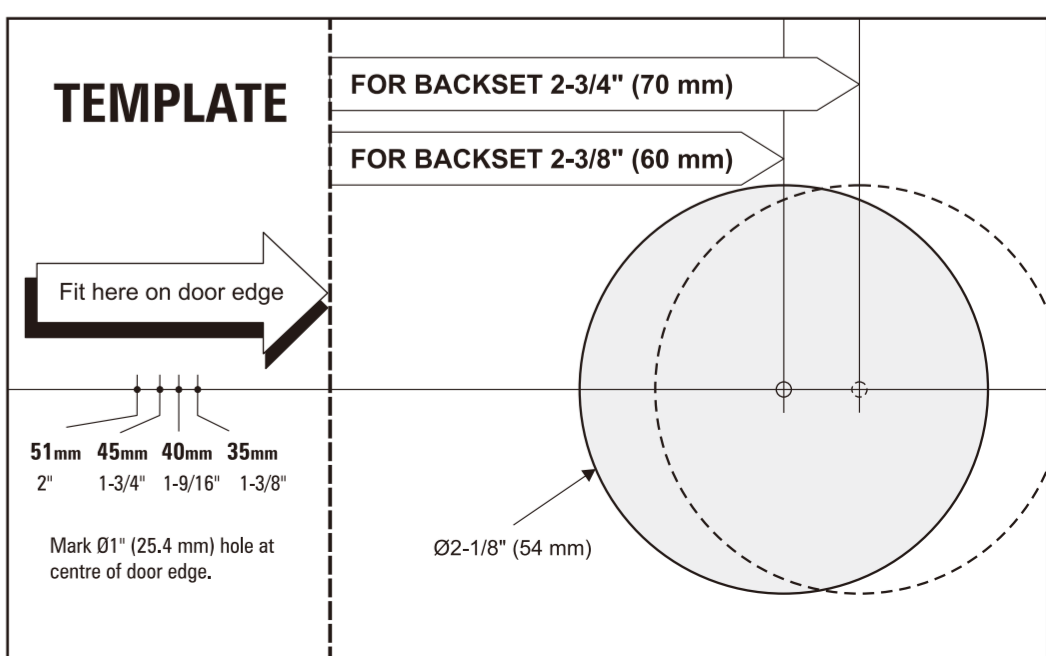
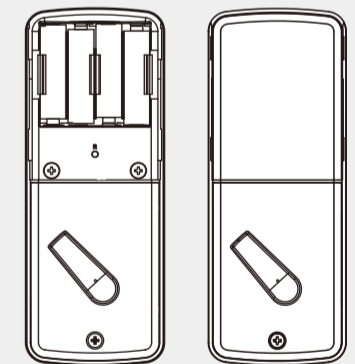
Connect the IC wire into the back of the receiver module. Ensure that the deadbolt tailpiece is engaged with turn piece, then attach receiver module to the door with screw. Use the optional wood screw to secure the receiver module to wood doors only.

## 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 completely dead.



## TEMPLATE

FOR BACKSET 2-3/4" (70 mm)  
FOR BACKSET 2-3/8" (60 mm)

Fit here on door edge

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.

Ø2-1/8" (54 mm)

# PROXIMITY ELECTRONIC DEADBOLT

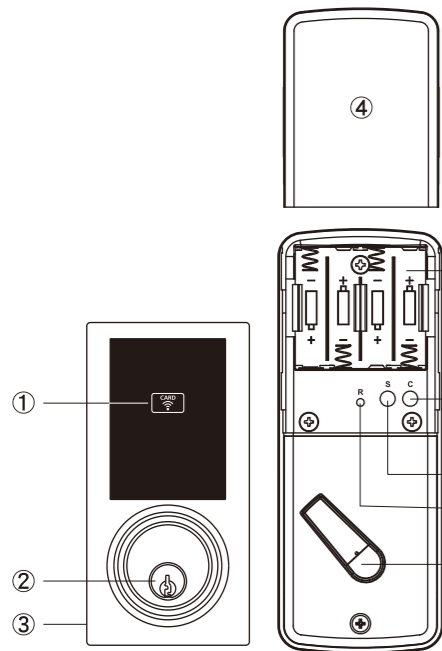
## USER GUIDE

New installation or restoring default setting, you must run the door handing identification process first.

### • Door Handing Identification Process

- (1) Turn the thumbturn back to unlock position
- (2) Press "R" button for 1 time and less than 1 second
- (3) Run the door handing automatically

## Operational Interface



- 1 Sensing Area**  
To sense the RFID card to lock and unlock function.
- 2 Cylinder**  
To Lock/Unlock the lockset manually by key from outside.
- 3 Washer**  
Prevents water from permeating into lockset.
- 4 Battery Cover**  
Slide the lid to change the batteries.
- 5 Battery Holder**  
Four AA (1.5 V) alkaline batteries.
- 6 C Button**  
Auto lock setting function.
- 7 S Button**  
Card managing function.
- 8 R Button (Reset)**  
Restore default settings.
- 9 Turn-piece**  
To lock/unlock the lockset from inside.

Note : Do not use any chemical liquid or lubricating oil with additives to clean the lock body. It will damage the surface or even mainboard.

## Operating Instructions

Keep the door open while programming to avoid being locked out accidentally. The lock contains two factory-preset cards, and locks can be programming to store up to a total of thirty cards. Card can be added and deleted at any time.

### Operation Indicator Sounds and Lights

Sounds	Lights	Meaning
1 Beep	1 Green flashing Light	Operation is correct
2 Long Beeps	2 Green flashing Lights	Setting is correct
3 Beeps	3 Red flashing Lights	(1) Auto lock setting incorrect (2) Card error (3) Setting in locked status
3 Long Beeps	3 Green flashing Lights	Restore to original factory settings
5 Beeps	5 Red flashing Lights	(1) Cannot automatically determine the door opening direction (the door lock is not in the open status) (2) Card setting timeout
10 Rapid Beeps	10 Red flashing Lights	Low battery power - time to change batteries

Note : The sound instruction for "Auto lock function" and "RFID card setting", please refer the flowchart for "Setting auto lock function" and "RFID card setting".

## Setting Auto Lock Function

### • Disable auto lock function

### • 10 sec auto door lock

### • 30 sec auto door lock

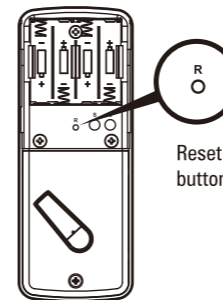
### • 90 sec auto door lock

Note :

1. The marking area is function setting by recirculate cycles . When you hold-on C button, the system will beep 1 sound -> 2 sounds-> 3 sounds-> 4 sounds, and repeat the cycle sound instruction. When the sound instruction matches with the function setting you want, please release the C button within 2 seconds.
2. If you enter the auto lock setting state, but the system does not give the function setting beeps. Release the C button, the system warns 3 short sounds and leave the auto-lock setting state.

### • Restore back to original factory settings

- (1) Press "R" button for more than 3 seconds
- (2) You will hear 3 long beeps
- (3) This resets to default setting



## Warranty

The manufacturer warrants the product to be free from defects in material and workmanship for a period of 12 months from the original date of purchase. If you discover a defect in the product covered by this warranty, we will repair or replace the item at our option using new or refurbished components.

### EXCLUSIONS

This warranty covers defects in manufacturing discovered while using the products as recommended by the manufacturer rather than occurred by the act of God, and damages caused by misuse, abuse, and unauthorized modification.

### LIMITED LIABILITY

The manufacturer will not be held liable for incidental or consequential losses or damages from any act of God.

## RFID Card Setting

### • Add new card

Note :

1. Please add next card within 5 sec after previous card-adding process finished.
2. While waiting for 5 sec and 2 long beep sounds, you will exit card-adding process.
3. The locker supports ISO14443A · ISO14443B and NFC standards. (If want to use NFC function, both of mobile phone and SIM card must support the NFC standards.)

### • Delete one Card

### • Delete all Card

## Trouble Shooting

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
After full installation of the lockset with batteries and press 'R' button for 3 times, the system doesn't run the door handing process.	The turn-piece is not pointing in the right direction.	Turn the turn-piece around to the unlocked position and press 'R' button for 3 times.
You've installed the lockset and batteries, but you still get no response when you place the card near the sensing area of the system.	Battery were installed incorrectly and cable connected incorrectly.	Check to see if the battery polarities have been reversed or if the battery is dead. If so, re-install or change the battery. If not, please check to see if the cable is properly connected.
Although the door locker was succeeded the automatically door-handing identifying process, the latch still doesn't work. (i.e. You can feel the motor attempting to run.)	Low battery.	Replace with new alkaline batteries.
The door can be locked normally, but when you try to unlock it, you hear three short beeps and the lock won't unlock when you take the card near to the sensing area in the door lock.	The functioning of the micro-switch is abnormal.	Call our customer service department.
While the door is locked, you hear the latch bolt coming out when you take the card near to sensing area in the door locker to unlock the door; however, three short beeps are emitted. Conversely, while the door is open, no beeps are emitted when locking the latch bolt.	(1) The depth of the latch bolt hole is insufficient. (2)The latch bolt is not aimed at the opening of the strike.	(1) Dig the latch bolt hole for the strike deeper. The minimum depth is 1" (25.4mm). (2) Adjust the strike to the appropriate position.

## **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' authority to operate the equipment.