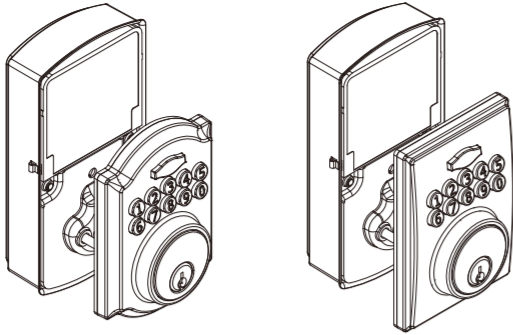# DEFIANT®

FOR

TOLL FREE HELP LINE
1-877-ONE-LOCK
HOMEDEPOT.COM

WARRANTY

LIMITED LIFETIME MECHANICAL AND 1 YEAR ELECTRONIC WARRANTY

The retailer of this product, hereby warrants, subject to the conditions set forth below, that it will either repair or replace, at its option, this product if it proves to be defective by reason of improper workmanship or materials within the original purchaser's limited time. In order to obtain repairs or replacement under this limited warranty you must bring this product to the retailer's store in which you bought it.
Original purchaser: This limited warranty is limited to the original purchaser at retail of this product from retailer.
Except to the extent prohibited by applicable law, no other warranties, whether express or implied, including the warranties of merchantability and fitness for a particular purpose, shall apply to this product. Under no circumstances shall retailer be liable for consequential or incidental damages in connection with this product. To the extent retailer is prohibited by applicable law from excluding implied warranties, the duration of such implied warranties which are not excludable shall be the original purchaser's lifetime. Some states do not allow the limitation on how long an implied warranty lasts, so the above limitation on the duration of implied warranties which are not excludable, if any, may not apply to you. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion of incidental or consequential damages may not apply to you.
Retailer neither assumes nor authorizes any representative or other person to assume for it any obligation or liability other than such as is expressly set forth herein. This limited warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

1 Safety Information

Read the precautions and instructions in this manual before installing and using this lock. Save this manual for future reference.

CAUTION:
Please use four alkaline batteries for the best performance.

A. Do not attempt to disassemble any internal components of the lockset. Doing so will void the limited warranty.
B. Do not drop or hit the lockset. Too much shock may result in permanent damage.
C. Do not use pins or sharp objects to press the keypad.
D. Always create a backup of information you wish to keep (programming code, user codes,etc.) Please use the last page of this booklet as a reference.
E. Promptly change the programming code before operating this lockset

CARE and MAINTENANCE:
The following instructions should be followed to properly protect and maintain your lockset:

A. Remove locks, or do not install locks, prior to painting your door.
B. Periodically clean with mild soap and a soft cloth only.
C. Do not use any abrasives or chemical products containing alcohol, benzene, acids, and avoid using sharp or abrasive objects to clean this lockset.
D. Do not allow any water or liquids into the lockset during installation.

2 Pre-installation – Tools Required / Hardware Included

Optional   Optional   Optional   Optional   Optional
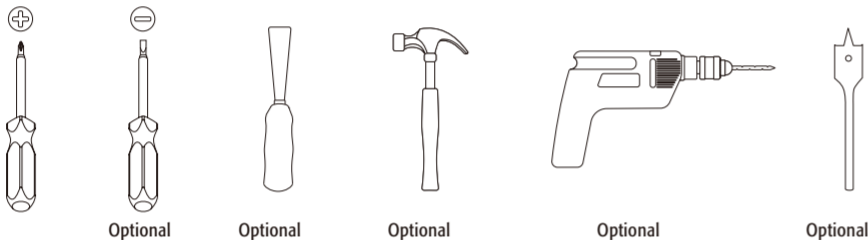
WARNING:
If the door needs to be drilled, please be familiar with how to use a drill safely and understand all of the door preparation steps before proceeding.

Package Contents

Part	Description	Quantity
AA	2-5/16" (58 mm) Mounting Bolt _____ OR _____ 1-13/16" (46 mm) Mounting Bolt	2
BB	13/16" (20 mm) Screw	2
CC	3/4" (19 mm) Wood Screw	4
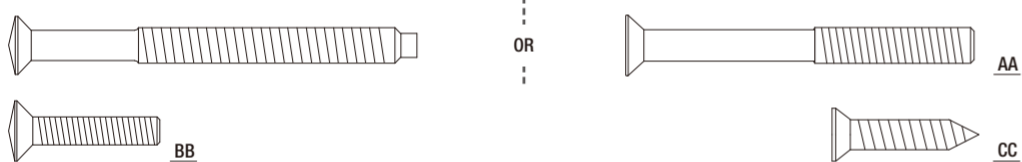
Part	Description	Quantity
A	Exterior Assembly	1
B	Power Cable	1
C	Torque blade	1
D	Mounting Plate	1
E	Interior Assembly	1
F	Battery Cover	1
G	Latch	1
H	Strike Plate	1
I	Dust Box	1
J	Key	2
K	Drive-in Collar (Optional)	1
L	Exterior Gasket	1
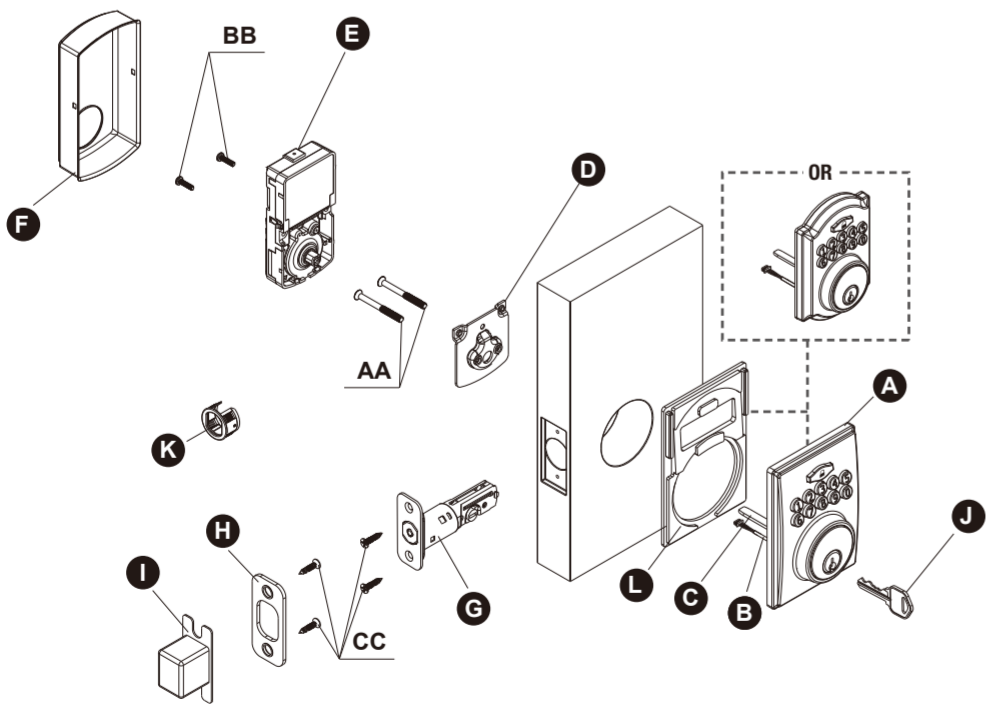
3 Pre-installation (continued) – Door Preparation

NOTE: If your door is pre-drilled, check the hole sizes to make sure they are the proper size. If they are the proper size, skip to the INSTALLATION section.

1 Cut out TEMPLATE (reverse page) and use to mark the door, drill holes, and chisel out the mortise.

NOTE: Drill from both sides of the door to prevent wood splitting.

Centerline
2-1/8"(54 mm) or 1-1/2"(38 mm)
Backset
1" (25 mm)
2-1/8"(54 mm) or 1-1/2"(38 mm)
1" (25 mm)
Depth of latch hole
For 2-3/8" backset: 3-7/16"
For 2-3/4" backset: 3-13/16"
Faceplate
Outline
Chisel 5/32" deep
Note: For drive-in latch. Simply insert latch.
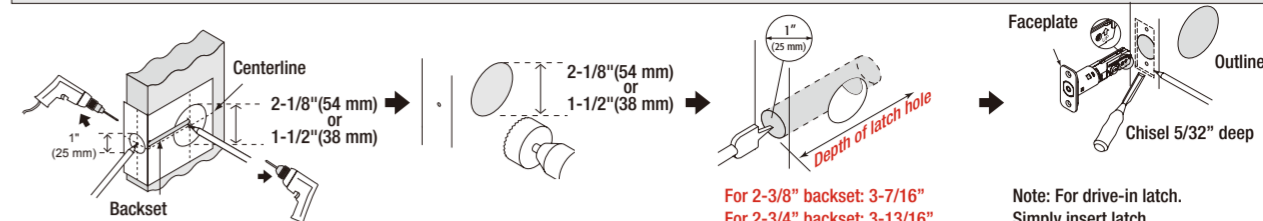
2 Prepare the door jamb – use the strike plate as a template to drill the latch and screw holes and chisel out the mortise. The strike plate must fit flush with the surface of the door jamb.

Door jamb hole dimension
a. 1-3/16"(30 mm)
b. 1-9/64"(29 mm)
c. 7/8"(22 mm)

Strike dimentions
d. 5/32"(4 mm)
e. 2-1/4"(57 mm)
f. 1"(25 mm)

Strike plate
3/4" Screws
Dust box
CC
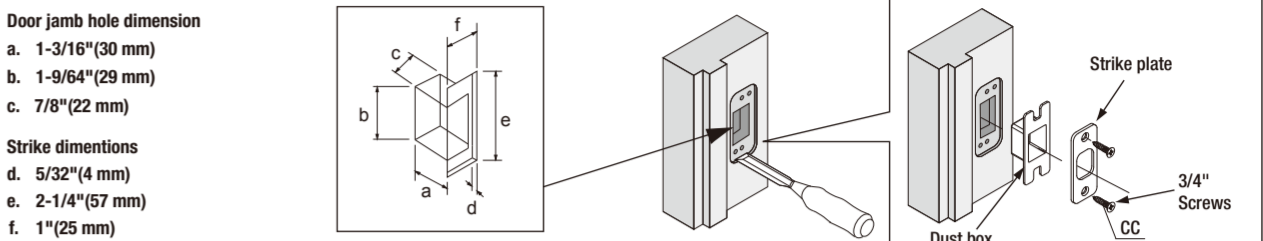
4 Installation

1 INSTALLING THE LATCH
A. Attach the correct faceplate

Edge of door   Faceplate   Edge of door   Drive-in collar   OR   Flat head screwdriver
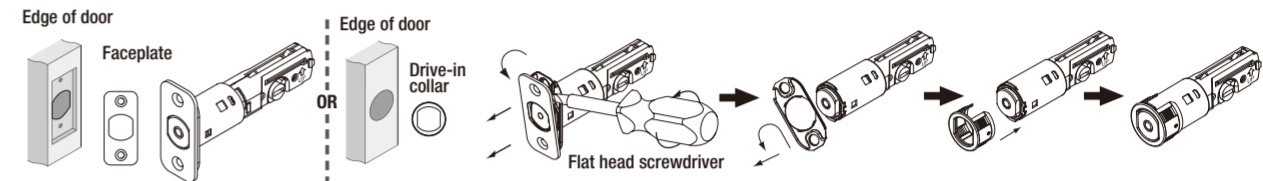
B. Set the latch backset length   **CAUTION:** Be sure the latch cam is upright before making any backset adjustment.

For 2-3/4" backset.
① Turn 90° Turn to extend the latch bolt.
② Twist back 1/8 Turn a.With the bolt extended, twist latch end 1/8 turn. b.Pull as shown in the diagram.
③ Turn back 90° Turn back to retract the latch bolt.
④ 2-3/4 should be visible.

C. Install the latch

CC   Backset   OR   Drive-in latch   Tap latch flush   Wood block (not included)
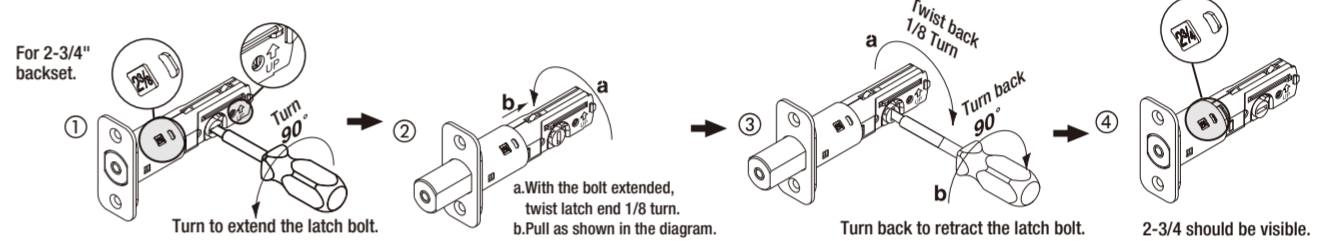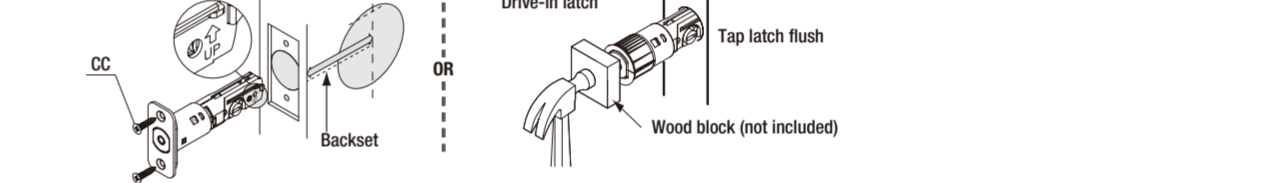
2 INSTALLING THE LOCK ASSEMBLIES
A. Door bore options

Thread the cable through the hole and under the latch.
The latch bolt should be in retracted position.
Adapter collar
For installation into 1-1/2"(38mm) bore hole, simply pry the adapter collar off with a screwdriver.
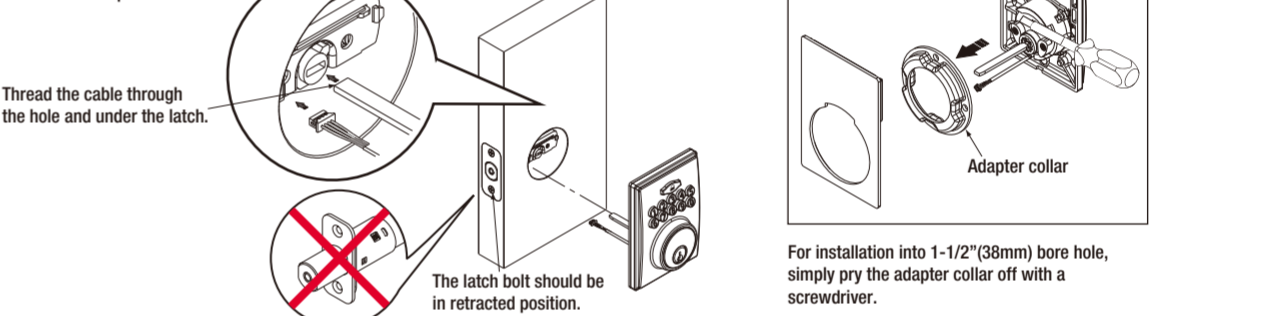
B. Install the lock assemblies

Slide the cable through the notch in mounting plate.
The bulged part of the mounting plate must face towards the door.
AA
Remove the Battery Cover

Connect the cable firmly into connector port .
Note : The metal connector side should face outward.
The cable must be arranged as shown in the diagram.
Insert screws (2) and tighten.
BB
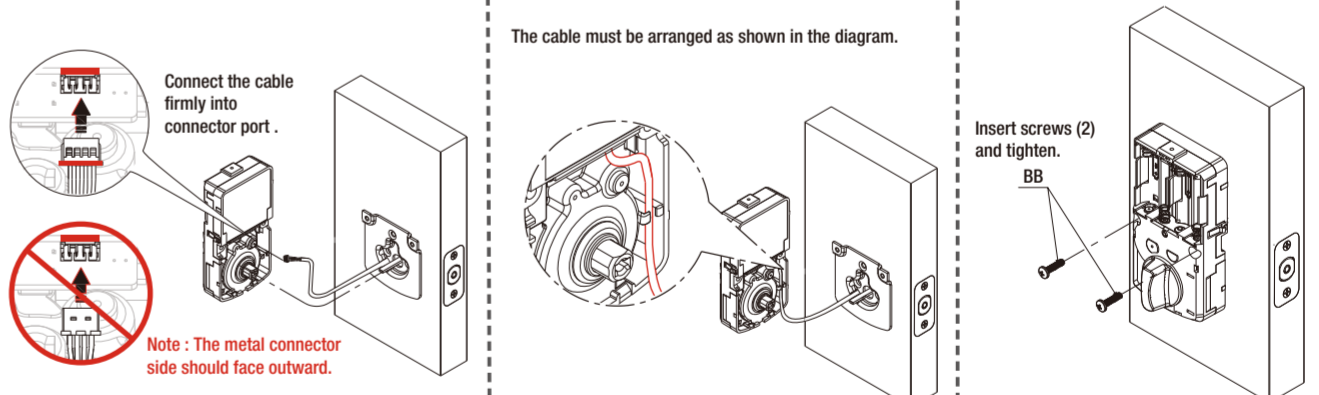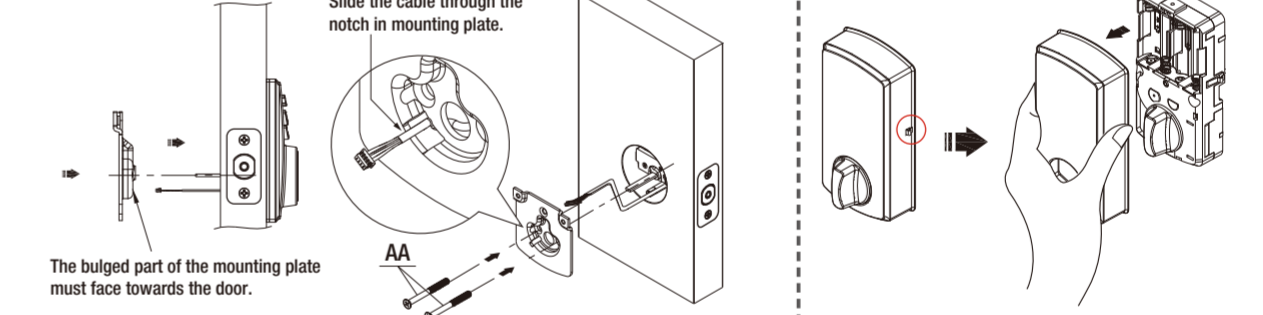
CAUTION :
1.Please use four alkaline batteries for better performance.
2.Please set up the lock and perform bolt direction determination to complete the installation.

Install batteries   Install battery cover   Enter default programming code (123456) and the lock will set up bolt direction to complete installation.
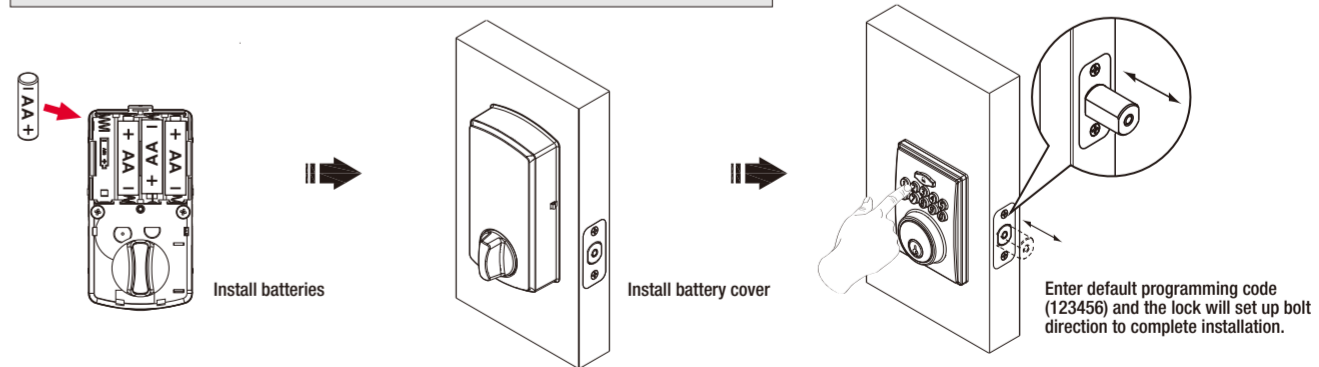
TEMPLATE

NOTE: Double check your product for the correct hole sizes.

Fold here. Place on the door edge.
Drill a 1" (25 mm) diameter hole at the center of the door edge.
Ø 2-1/8" (54 mm)
2" (51 mm)   1-3/4" (45 mm)   1-9/16" (40 mm)   1-3/8" (35 mm)
Backset   2-3/8" (60 mm)
Backset   2-3/4" (70 mm)

Fold here. Place on the door edge.
Drill a 1" (25 mm) diameter hole at the center of the door edge.
Ø 1-1/2" (38 mm)
2" (51 mm)   1-3/4" (45 mm)   1-9/16" (40 mm)   1-3/8" (35 mm)
Backset   2-3/8" (60 mm)
Backset   2-3/4" (70 mm)

PROGRAMMING

1 | OVERVIEW OF FUNCTIONS

OR

1 ENTER / LOCK BUTTON
1. Red light: Represents an incorrect entry or the unit is in programming mode.
2. Yellow light: Flashes when the batteries are low in power.
3. Green light: Represents a correct entry.
4. Press ⬅ to activate or lock the lockset.

2 KEYPAD
1. Unlock the lockset by entering a valid User Code.
2. Program the lockset by entering a valid Programming Code in Programming Mode.

3 MECHANICAL KEYWAY OVERRIDE
1. Lock or unlock the lockset by a valid key.

4 BATTERY COVER
1. Protect the batteries from unexpected damage.

5 [SET] BUTTON
1. Press set button for 1 second to enter programming mode.
2. Please refer to [2] - ❷ for more information about programming mode.

6 INTERIOR THUMBTURN
1. Lock or unlock the lockset manually.

HOW TO LOCK / UNLOCK THE LOCKSET

🔒 **To lock** Press " ⬅ " to lock.   OR   Use a mechanical key to lock.

🔓 **To unlock** Enter valid User Code or Programming Code.   OR   Use a mechanical key to lock.

⚠ Keypad is temporarily disabled for 1 minute after 4 consecutive incorrect entries.

2 | PROGRAMMING

1 HOW TO PROGRAM THE LOCKSET

BASIC SETTINGS

Change Programming Code	· Programming Code can be used to program or unlock the lockset. · The default Programming Code is "123456".	Press [SET] for 1 second.	➜	Programming Code (6 digits)	➜ 🔒 ➜ ① ➜ ⓪ ➜ 🔒 ➜	New Programming Code(6 digits)	➜ 🔒
Add a User Code(S)	· User Code can be used to unlock the lockset. · User Code cappcity: 10 sets (4-6 digits).	Press [SET] for 1 second.	➜	Programming Code (6 digits)	➜ 🔒 ➜ ② ➜ ⓪ ➜ 🔒 ➜	New User Code (4-6 digits) ➜ 🔒 ↳ Add another code
Delete individual User / Single-entry Code(s)	· Delete individual User Code(s).	Press [SET] for 1 second.	➜	Programming Code (6 digits)	➜ 🔒 ➜ ③ ➜ ⓪ ➜ 🔒 ➜	User Code / Single-entry Code (4-6 digits) ➜ 🔒 ↳ Delete another code
Delete all User / Single-entry Codes	· Delete all User & Single-entry Codes.	Press [SET] for 1 second.	➜	Programming Code (6 digits)	➜ 🔒 ➜ ④ ➜ ⓪ ➜ 🔒 ➜	🔒

ADVANCED SETTINGS

Add Single-entry Code(s)	· Single-use User Code can only be used once to unlock the lockset. · Single-use User Code capacity: 5 sets (4 digits).	Press [SET] for 1 second.	➜	Programming Code (6 digits)	➜ 🔒 ➜ ② ➜ ① ➜ 🔒 ➜	Single-entry Code (4 digits) ➜ 🔒 ↳ Add another code
Vacation Mode	· Vaction mode temporarily disable ALL User Codes.	Press [SET] for 1 second.	➜	Programming Code (6 digits)	➜ 🔒 ➜ ⑤ ➜ ⓪ ➜ 🔒 ➜	Turn On ① ➜ 🔒 Turn Off ⓪ ➜ 🔒
Volume Control	· Turn on / off door lock operation volume. · Volume is always on in the programming mode.	Press [SET] for 1 second.	➜	Programming Code (6 digits)	➜ 🔒 ➜ ⑥ ➜ ⓪ ➜ 🔒 ➜	Turn On ① ➜ 🔒 Turn Off ⓪ ➜ 🔒
Auto-lock	· Auto-lock is disabled by default.	Press [SET] for 1 second.	➜	Programming Code (6 digits)	➜ 🔒 ➜ ⑧ ➜ ⓪ ➜ 🔒 ➜	Turn On ① ➜ 🔒 Turn Off ⓪ ➜ 🔒
Auto-lock Delay Timer	· Default Auto-lock Delay Timer : 10 seconds. · Auto-lock Delay Timer range: 10 -99 seconds.	Press [SET] for 1 second.	➜	Programming Code (6 digits)	➜ 🔒 ➜ ⑦ ➜ ⓪ ➜ 🔒 ➜	Enter New Amount (10 - 99) ➜ 🔒

⚠ · The lockset will exit the programming mode and resume to the stand-by status if no input is made in 10 seconds.   · 3 Beeps means something was entered incorrectly. Please redo the step again.

2 RESTORE TO FACTORY SETTINGS

Remove one battery

Press and hold SET button while inserting the battery back. Hold the set button until long beep over.

⚠ 1. This will erase all stored information, including bolt direction
2. Please re-enter the default Programming Code to set up the lock after restoring to factory settings.

3 | TROUBLESHOOTING

1 INSTALLATION

QUESTIONS	ANSWERS
A.The latch does not operate correctly after installation.	1. Make sure the backset on the latch is set to the proper length. 2. Make sure prior to installation latch bolt is retracted and key is not in lockset when installing the deadbolt. 3. Please restore to factory setting and enter the default Programming Code to set up the lock.
B. Feel a bump while turning the thumbturn or the key?	1. Please execute lock & unlock function to allow the motor to reposition itself again. 2. The battery is low if the battery indicator light keeps flashing. Please replace with four new batteries. Hold the set button until long beep over. 3. Please restore to factory setting and enter the default Programming Code to set up the lock.
C. Fail to set up the lock.	1. Please make sure the lock is installed correctly. 2. Please install the fresh batteries and make sure the cable is connected correctly.

2 OPERATION

QUESTIONS	ANSWERS
A. Battery indicator keeps flashing.	1. The batteries are getting low, please replace with four new batteries for the best performance (alkaline batteries only).
B. Keypad not responding.	1. Make sure the batteries are installed properly. 2. The batteries are getting low if the battery indicator keeps flashing. please replace with four new batteries for the best performance (alkaline batteries only). 3. Make sure the cable is well-connected to the port, and was not damaged during installation. 4. Please make sure the lock has been set up and complete the bolt direction determination.
C. Programming Code can not be changed.	1. Please refer to [2] - ❸ in the user guide to restore factory setting and reprogram all codes.
D. What should I do if wrong code was entered?	1. Press ⬅ button once and continue to input code according to regular procedures.
E. Can not delete all User Codes.	1. Make sure the whole code entering process is completed within 10 seconds, otherwise the unit will time out. 2. Make sure the Programming Code has been entered correctly.
F. Can not add a new User Code.	1. Make sure the whole code entering process is completed within 10 seconds, otherwise the unit will time out. 2. Make sure the Programming Code has been entered correctly. 3. The new User Code will not be accepted when the capacity is full. Try to delete any or some existing User Codes and then add new one(s) again. A User Code must be at least 4 to 6 digits.

QUESTIONS	ANSWERS
G. "Auto lock" does not function.	1. The batteries are low on power if the battery indicator keeps flashing. Please replace with four new batteries for the best performance. (Alkaline Batteries Only). 2. Please refer to [2] - ❷ in the guide to enable the Auto-Lock function.
H. Lockset is not able to unlock / lock by keypad.	1. Make sure you have entered the correct User Code. 2. The battery is low if the battery indicator light keeps flashing. Please replace with four new batteries. 3. Make sure the cable is firmly connected. 4. Check the cable for any damage that may have occurred during installation. 5. Make sure the batteries are properly installed. (Alkaline batteries only) 6. Check the strike plate to make sure it is properly aligned and clear so the bolt can freely move in the hole.
I. Lockset is unable to reset.	1. Please refer to [2] - ❸ in the user guide to restore factory settings and reprogram all codes. Hold the set button until long beep over. 2. The battery is low if the battery indicator light keeps flashing. Please replace with four new batteries. Hold the set button until long beep over.
J. How to operate the lockset in darkness?	1. Press any button to activate the lockset back light.
K. The red indicator is still on after setting is completed.	1. Check if [SET] button is jammed. 2. Re-install the batteries.
L. The lockset locks when I enter my code and unlocks when I press the ⬅ .	1. Un-install the interior and exterior assemblies. Before re-installation, please follow these guidelines: 1) Make sure the bolt is in the retracted position. 2) Do not have any key in the cylinder durring installation. 3) Make sure the torque blade is inserted horizontally. 4) Reset the unit to factory settings and reprogram the programming code and user codes.
M. I cannot remove my key unless it is in the locked position.	1. Un-install the interior and exterior assemblies. Before re-installation, please follow these guidelines: 1) Make sure the bolt is in the retracted position. 2) Do not have any key in lock cylinder. 3) Make sure the torque blade is inserted horizontally.
If the lock appears to be damaged or does not operate properly, please contact customer service for further assistance.	

4 | ACCESS CODE LIST

FEDERAL COMMUNICATIONS COMMISSION STATEMENT

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.
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
NOTE: 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.

IC REGULATIONS

This Class B digital apparatus complies with Canadian ICES-003.
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 of the device.

⚠ After changing your Programming Code, do not pass your Programming Code to anyone else.

Programming Code

Name	User Code