INSTALLATION INSTRUCTIONS
GRIPSET AND DEBDOLT COMBO INSTALLATION INSTRUCTIONS

THESE INSTRUCTIONS WERE PREPARED TO PROVIDE YOU INFORMATION ON HOW TO INSTALL YOUR LOCK PROPERLY. READ THESE INSTRUCTIONS CAREFULLY BEFORE ATTEMPTING TO INSTALL LOCK.

BEFORE PROCEEDING:
1. CHECK BACKSET OF YOUR LOCK

BACKSET OF YOUR LOCK IS INDICATED ON PACKAGING BOX, 2-3/8" OR 2-3/4".

2. CHECK BACKSET OF YOUR DOOR

BACKSET IS THE DISTANCE Measured FROM DOOR EDGE TO CENTER OF LOCK. EITHER 2 3/8" OR 2 3/4".

3. MATCH BACKSET OF YOUR LOCK WITH BACKSET OF YOUR DOOR.

MAKE SURE YOUR LOCK HAS SAME BACKSET SIZE AS YOUR DOOR.

TOOL REQUIRED FOR NEW INSTALLATION:
PHILIPS HEAD SCREWDRIVER
3/8" ELECTRIC POWER DRILL

TOOL REQUIRED FOR REPLACEMENT INSTALLATION:
PHILIPS HEAD SCREWDRIVER

1. MARK DOOR

USE TEMPLATE ENCLOSED TO MARK HOLES ON DOOR FACE. MAKE SURE YOU ENOUGH SPACE FOR ANY ADDITIONAL DOOR HARDWARE.

MAKE MARK FOR DRILL 1 1/4" (32mm) TOP DEADBOLT HOLE AND 1 1/4" (32mm) BOTTOM LATCH HOLE ON CENTER OF DOOR EDGE.

HEIGHT 36" TO 38" (914mm - 965mm) FROM FLOOR

MARK MAKE FOR 3 1/2" (10mm) HOLE ON DOOR FACE.

2. DRILL HOLES

A. DRILL 2-1/8" (54mm) FROM BOTH SIDES OF DOOR.

B. DRILL 1 1/4" (32mm) TOP DEADBOLT HOLE AND 1 1/4" (32mm) BOTTOM LATCH HOLE ON CENTER OF DOOR EDGE.

C. DRILL 3/8" (10mm) HOLE FOR EXTERIOR HANDLE MOUNTING SCREW.

NOTE: TO AVOID SPUNITING DRILL HOLES FROM BOTH SIDES

3. INSTALL LATCHES

A. INSERT LATCHES IN HOLES KEEPING PARALLEL TO EDGE OF DOOR MARK OUTLINE AND REMOVE LATCH.

B. CHISEL 1/8" (3mm) DEEP OR UNTIL LATCH FACE IS Flush WITH DOOR EDGE.

NOTE: CUT OUT MUST BE PARALLEL TO EDGES OF DOOR.

C. INSERT BOTTOM LATCH AND SECURE WITH WOOD SCREWS.

D. REPEAT PROCEDURE FOR TOP DEADBOLT LATCH

NOTE: WATCH THE UP MARK STAMPED ON DEADBOLT LATCH.

4. INSTALL INTERIOR MECHANISM

SECURE AND FASTEN THE INTERIOR MECHANISM FIRMLY AS SHOWN IN FIGURE.

5. MARK JAMB

A. CLOSE DOOR UNTIL LATCH IS TOUCHING THE JAMB. MARK DOOR JAMB AS SHOWN WITH A PENCIL.

B. CENTER THE STRIKE PLATES ON THE DOOR JAMB.

6. MARK OUTLINE OF STRIKES

MEASURE ONE HALF OF DOOR THICKNESS FROM DOOR STOP AND Vertically Mark Half Strike Centre for Strikes. Place Strips in Position and Mark Outline of Strikes.

7. DRILL HOLES AND INSTALL ALL STRIKES

A. DRILL 1 1/4" (32mm) HOLE IN DOOR JAMB CAUTION: TO ENGRAVE PROPER LOCKSET FUNCTION, HOLD DOOR JAMB MUST BE DRILLED 1 1/4" (32mm) DEEP.

B. CHISEL OUT FOR STRIKE PLATES 1/8" (3mm) DEEP OR UNTIL HOLES ARE TIGHTLY FITTED INTO JAMB.

C. INSTALL STRIKE PLATES AND SECURE WITH WOOD SCREWS.

LATCH BACKSET ADJUSTMENT

A. Screw section

B. Change lever pin

C. Extension plate

D. Screws hole

E. Extension plate

F. To adjust the deadbolt latch back to 2-3/4" (66mm) backset, grip and squeeze the lever pin between your thumb and index finger to lift the change lever pin up and simultaneously push the extension plate all the way out. Check to ensure the screws holes are properly aligned.

ADJUST LATCH

A. Adjustable latch was preset at 2-3/4" (66mm) backset position.

B. Grip and squeeze the lever pin between your thumb and index finger to lift the change lever pin up and simultaneously push the extension plate all the way out. Check to ensure the screws holes are properly aligned.

C. The latch is now set for 2-3/4" (66mm) backset. To reset adjust latch back to 2-3/4" (66mm) backset, just push slide extension back to left side.

51 FOR METAL DOORS 1/4" (6mm) 32-SNAP-ON BOLT HOUSING 1/4" (6mm) 32-LOCK PLATE 64 FOR WOOD DOORS 1/4" (6mm) 32-SNAP-ON BOLT HOUSING 1/4" (6mm) 32-LOCK PLATE 36 FOR BRASS PLATE 1/4" (6mm) 32-SNAP-ON BOLT HOUSING 1/4" (6mm) 32-LOCK PLATE 55 FOR BRASS PLATE 1/4" (6mm) 32-SNAP-ON BOLT HOUSING 1/4" (6mm) 32-LOCK PLATE

A. INSTALLATION OF DEADBOLT ASSEMBLY

1) Open door to ease installation. 2) Place exterior deadbolt assembly on exterior of door, aligning tailpiece horizontally through deadbolt latch while placing the wire up the deadbolt latch in the exterior side of the door.

Note:
1. Wire should be mounted under deadbolt latch.
2. Tailpiece of exterior cylinder should be inserted horizontally through deadbolt latch hole first.

3) On interior side of door, place mounting plate to the wire is routed up through bridge in plate, and recess of mounting plate is aligned with center of large cylinder.

Note: Make sure mounting plate is inserted with arrow pointing upward.

4. Secure and tighten mounting plate with screws (2) which engage with threaded holes of exterior cylinder. Note: Ensure the mounting plate is positioned vertically.

B. INSTALLATION OF RECEIVER MODULE

1) Remove battery cover from receiver module by sliding in on cover upward.

2) Position receiver module over mounting plate so tujumpiece engages with tailpiece.

3) Check operation of deadbolt manually turning the tujumpiece or using the key. Bolt should extend and retract freely. Bolt can be moved freely by hand, but cannot be moved freely. If bolt is not provided with entry switch is in the wrong place. Move receiver module and turn the entry switch to the opposite direction. Install again and check operation of bolt.

4) Connect interior wire connector to exterior wire connector.

5) Secure receiver module to mounting plate, using the screws provided. Do not overtighten screws, then put on logo.

6) Install AAA alkaline batteries as indicated by the markings on receiver module.
A. DOOR & JAMB PREPARATION / LATCH INSTALLATION

1. Mark Door
   1) Use template provided to mark door for drilling.
   2) Use the template to select backset 2-3/8" (60 mm) or 2-3/4" (70 mm).

2. Drill Holes
   1) Drill 1/8" (3.5 mm) hole through door face from both sides of door to avoid damaging door surface.
   2) Drill 11/32" (9 mm) hole through door edge.

3. Install Deadbolt Latch
   1) Insert deadbolt latch into hole, secure the plate all around and the screw hole.
   2) Place strike plate on the door jamb.

4. Drill Holes And Install Strike Plate
   1) Mark jamb.
   a) Close door until deadbolt latch touches door jamb.
   2) Mark outline of strike.
   a) Measure one half of door thickness from door stop and vertically mark drill point center for strike.
   3) Drill hole.
   a) Drill 1 1/8" (25 mm) hole in door jamb.

5. Install Strike Plate
   1) Mark outline for strike plate 1 1/4" (32 mm) deep or until plate is flush with door jamb.
   2) Install strike plate with screws.

B. INSTALLATION OF DEADBOLT ASSEMBLY

1) Open door to ease installation.
2) Place exterior deadbolt assembly on exterior of door, aligning tailpiece horizontally through deadbolt latch while passing the wire to the deadbolt latch to the interior side of the door.
   Note: Wire should be mounted above the bolt.
   Tailpiece of exterior cylinder should be inserted horizontally through deadbolt latch hole first.

3) On interior side of door, place mounting plate on the door and vertically mark drill point center for strike.
   a) Place strike in position and mark outline of strike plate.

C. INSTALLATION OF RECEIVER MODULE

1) Remove battery cover from receiver module by sliding in on cover upward.
2) Position receiver module on mounting plate so tautpiece engages with tailpiece.
3) Check operation of the deadbolt manually turning the tautpiece or using the key. Bolt should extend and retract freely. If bolt cannot be moved freely, the direction of entry switch is in the wrong place. Move receiver module and turn the entry switch to the opposite direction. Install again and check the operation of bolt.
4) Connect interior wire connector to exterior wire connector.
5) Secure receiver module to mounting plate, using the screws provided.
6) Do not overtighten screws, then put on logo.
7) Install H+ AA alkaline batteries as indicated by the markings on receiver module.
OPERATION MANUAL FOR
DIGITAL DEADBOLT

1. Automatic-Bolt Direction
   Determination (Door Handing)

   1.1.1 Insert three batteries in advance, and then press and hold the Clear button, and then insert the final battery into the interrreceptor module.
   1.1.2 Release the Clear button. When you hear 3 beeps and LED flashes green 3 times, and then the lock automatically determines the "door handing" and set the proper direction for motor to rotate.
   1.1.3 LED flashes green followed by a confirming melody.

2. To unlock

   2.1 Enter a valid User Code and the lock will automatically unlock.
   2.2 The turn piece is vertical and the dead bolt retracts in unlocking.

3. To lock

   3.1 Press the lock button to lock.
   3.2 The turn piece is horizontal and the bolt extends in locking.

4. To add new user code

   4.1 In unlocking condition, input User Code (up to 4-10 digits in length) and press to store the new User Code within 10 seconds, and then LED flashes green and followed by a confirming melody.
   4.2 Remove one of the batteries and follow by pressing anyone button 3 times to for eliminating the remaining power, and then press and hold the Clear button, and then insert the batteries, release the Clear button after you hear 3 beeps, press to recover.

5. To delete one exiting or preset user Code

   5.1 In unlocking condition, input User Code and press and then press , and then LED flashes green and followed by a confirming melody.
   5.2 In unlocking condition, input User Code and press and , and then LED flashes green and followed by a confirming melody.

6. To delete all User codes

   6.1 In unlocking condition, input User Code and press and , and then LED flashes green and followed by a confirming melody. The All User codes are deleted.
   6.2 In unlocking condition, input User Code and press and , and then LED flashes green and followed by a confirming melody.

7. Automatic locking set and cancel

   7.1 Set auto lock: In unlocking condition, input User Code and press and , and then LED flashes green and followed by a confirming melody. (The lock will auto lock after unlock for 15 seconds)
   7.2 Modify automatic locking time, to unlock then input User Code and press and , and then LED flashes green for ten seconds, input the time (from 10 to 99 seconds) and then press . Then LED flashes green and followed by a confirming melody.
   7.3 Cancel auto lock: In unlocking condition, input User Code and press and , and then LED flashes green and followed by a confirming melody.

8. Mute Mode

   8.1 Set Mute mode: In unlocking condition, input User Code and press and , and then LED flashes green and followed by a confirming melody.
   8.2 Cancel Mute mode: Set Mute mode: In unlocking condition, input User Code and press and , and then LED flashes green and followed by a confirming melody.

9. Program the new remote control (up to 6 remote controls)

   9.1 In unlocking condition, input User Code and press and , and then LED flashes green and followed by a confirming melody.
   9.2 Delete all remote controls

   9.2.1 In unlocking condition, input User Code and press and , and then LED flashes green and followed by a confirming melody.

10. Change Programming Code

    10.1 In unlocking condition, input User Code and press and , and then LED flashes green. Enter a new User Code and then press . Then LED flashes green and followed by a confirming melody.

11. Create a Temporary User Code

    11.1 In unlocking condition, input User Code and press and , and then LED flashes green. Enter a new User Code and then press to store the new User Code. Then LED flashes green and followed by a confirming melody.

12. Trigger service code (House sister, plumber, etc.)

    12.1 In unlocking condition, input User Code and press and , and then LED flashes red, it means the error happened or fails to operate. Please refer to the above instruction to confirm the error.

13. Low battery warning: Please replace with new four pcs alkaline batteries while LED flashes red 15 times rapidly and come with 15 rapid beeps.

14. High battery warning: Audio warning when battery is low.

15. Battery warning: Audio warning when battery is low.

16. If the operation is fail, the latch bolt will extend twice automatically.

17. This operation will delete all user codes except programming code.

18. LED indicator:

    Flashing red (Bolt extended).
    Flashing green with three beeps (Unlocking successful).
    Flashing green (Unlocking successful).
    Flashing red three times and 3 rapid beeps when you fail to unlock.

Important information:

1. The preset User Code and Programming Code are unique and different for every deadbolt.
2. Please change the User Code as soon as possible after installation to ensure security. (Please refer to the following Functions Step 2.1 & 4.2)
3. Every programming operation has to be in unlocking condition.
4. Please stop to input the User Code and then press the Clear button for deleting wrong User Code while you input a wrong User Code, then input the correct one.
5. Every programming operation has to be in unlocking condition.
6. The preset User Code and Programming Code are unique and different for every deadbolt.
7. User Code A:xxxx
   User Code B:xxxx
   Programming Code:xxxx

*Important information:

1. Button operating: The button illuminates for 5 second and with one beep after each button pressed.
2. Successful Programming: LED flashes green one time with one melody.
3. Fail Programming: LED flashes red one time with one melody.
4. The LED will flash red three times with three beeps when you fail to lock.
5. Complete all the steps of adding the remote control in the programming mode within 10 seconds.
6. Mute mode: All audio will be cancelled but the signals still are reserved. The lock still has the audio warning when battery is low.
7. In Mute mode, LED flashes green reminding user the operation is successful; LED flashes red reminding user the operation is successful.
8. LED will flash red and come with short beeps for 5 seconds after inputting continuously wrong user code for 4 times or inputting a continuous 20 wrong digits, and then the lock will stop operating for 3 minutes after the beeps stop. (Rapidly recover: Turn tumpiece or key to unlock, and then the lock can operate.)
9. Please ensure the lock is in opening before programming. If you fail to program after manual unlocking, please wait for 5 seconds, and then go on the programming.
10. If you fail to program after manual unlocking or electric unlocking, please confirm the turn piece whether is vertical and the dead bolt retract properly.
11. Low battery warning: Please replace with new four pcs alkaline batteries while LED flashes red 15 times rapidly and come with 15 rapid beeps.
12. Note: If LED flashes red, it means something error happened or fails to operate. Please refer to the above instruction to confirm the error.