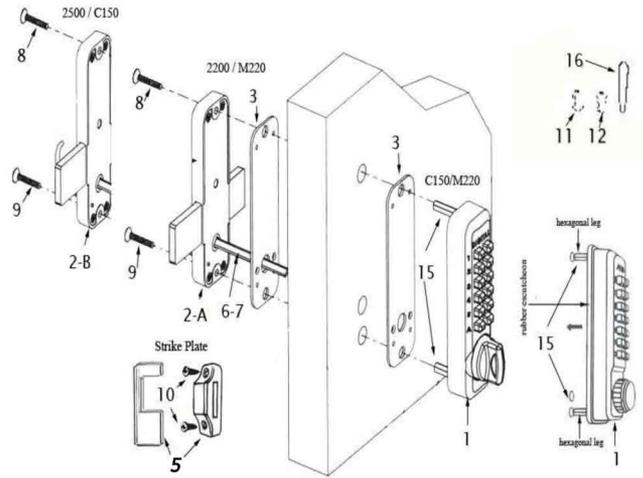


Installation Instructions

2200, M220 – Surface Mount

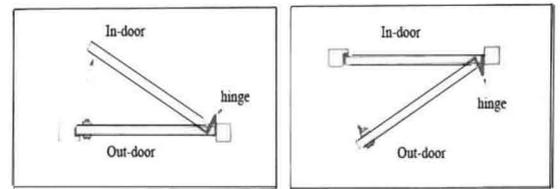
2500, C150-Hook Bolt

| No. | Name of Parts | Model No. M-220/2200 | Model No. C-150/2500 |
|-----|--|-------------------------|-------------------------|
| 1 | Outside Body | 1 | 1 |
| 2A | Inside Body 2200 /M220 Surface Rim Deadbolt | 1 | 1 |
| 2B | Inside Body C-150 / 2500 Surface Hook Bolt | 1 | 1 |
| 3 | Rubber Escutcheon | 2 | 2 |
| 4 | Mortised Strike (Not Shown) | 1 | 1 |
| 5 | Surface Strike | 1 | 1 |
| 6 | Spindle for 45-55 mm | 1 | 1 |
| 7 | Spindle for 35-45 mm | 1 | 1 |
| 8 | Machine Screw M4 x 55mm | 2 | 2 |
| 9 | Machine Screw M4 x 45mm | 2 | 2 |
| 10 | Wood Screw | 2 | 2 |
| 11 | Key Tumbler (Red) | 2 | 2 |
| 12 | Keyless Tumbler (Blue) | 2 | 2 |
| 13 | Spacers for Body (1/16" , 5/64") (Set Not Shown) | 1 | 1 |
| 14 | Spacer for Surface Strike (Set Not Shown) | 1 | 1 |
| 15 | Hexagonal Bolts | 2 | 2 |
| 16 | Tweezers | 1 | 1 |



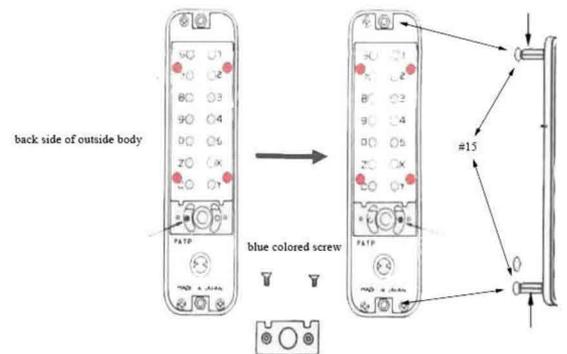
BEFORE INSTALLING THE DIGITAL DOOR LOCK IT IS IMPORTANT TO CONFIRM THE POSITION OF THE HINGE

The Digital Door Lock is set up for a Right Handed Door. To verify which handed door you have, stand on the outside of the door. Whichever side the hinges are on, this is what handed door you have. For example, when standing on the outside of your door, if the hinges are on the right, then you have a right handed door. See Fig. 1



For a left hand door, change the HANDING PIN as follows:

- Remove the 2 blue screws (use a #1 Phillips) from the back of the combination side of the lock
- Remove the silver PIN with the supplied tweezers and put into the opposite hole
- Reseat the rectangular lid with the 2 blue colored screws



SURFACE DEADBOLT LENGTH ADJUSTMENT M220/2200 ONLY: To change length to long or short slide bolt, remove silver screws on inside body and change long or short bar. Replace screws.

INSTALLING THE DIGITAL DOOR LOCK

- Using the template provided, decide where the DIGITAL DOOR LOCK will be installed
- Mark the hole center for 3 holes on the surface of the door through the template and make 3 holes 5/16" in diameter
- Place the Rubber Escutcheon (Black Trim Plate) to the back side of the outside body. Now insert 2 hexagonal bolts (#15) of the outside body into the holes of the very top and very bottom holes of the lock.
- Determine proper spindle size depending on the thickness of the door

Installation Instructions

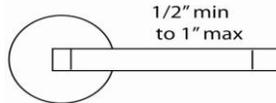
2200, M220 – Surface Mount

2500, C150-Hook Bolt

SPINDLE SIZE:

| For Door Thickness: | Use Spindle Size: |
|--------------------------|-------------------|
| 1 - 49/64" to 2 - 11/64" | 45mm To 55 mm |
| 1-3/8" to 1 - 49/64" | 35mm to 45mm |
| 63/64" to 1-3/8" | 25mm to 35mm |

NOTE: When outside body is in place, position spindle through door into the outside body. The spindle should stick out between ½” minimum up to 1” maximum.



- e. Place outside body onto the exterior of the door.
- f. The spindle should be inserted through the Spindle Hole of the inside of the door into the outside body. ½” minimum up to 1” maximum should stick out.
- g. Place the Rubber Escutcheon (Black Trim Plate) to the back side of the inside body, and place it on the door.
- h. Fasten the inside body with the two machine screws to the top and bottom of the inside body, ensuring that the screws are properly inserted into the outside body hexagonal bolts.
- i. Check the lock to make sure the hook / slide bar is retracting appropriately by turning the outside and inside knob.
- j. If the installed position of the inside body is not flush with the position of the surface strike, adjust the spacing using supplied spacers spacing the lock further away from the face of the door.
- k. Strike Plate Position – Select mortised strike or surface strike. For surface strike plate, install it at the position which the hook / slide bolt slides to the door jamb with wood screws.

NOTE FOR DOORS UNDER 1” THICK:

If this lock is used on applications under 1” thick, you will need to cut the spindle to size and drill out inside body to accept a M5 screw (Not Supplied)

HOW TO USE THE DIGITAL DOOR LOCK

- a. The Digital Door Lock is locked and unlocked by turning the inside knob.
- b. The Digital Door Lock is locked by turning the outside knob.
- c. The Digital Door Lock is unlocked by clearing the lock (pushing) the “C” button (models 2200/2500) or turning the thumb knob (models M-220 / C-150) followed by your secret combination and then turning the outside knob.

ATTENTION:

- a. Always ensure lock is working before locking the door
- b. Always press the “C” button or turn thumb knob (Models M-220 / C-150) on the combination side before entering the code
- b. Never oil the lock
- c. Never remove the silver screws from the outside body
- d. Always hold in clear position “C” (models 2200/2500) or turn knob (models M-220 / C-150) while changing the code