LOCKTON
ESSENTIALS

Digital Lock

Art. **MDL2100**

Easy Installation

No Batteries Required

Left or Right Handed Door

Press Button Code

Easy Combination Change

8000 Code Combinations

Holdback Option (Lock Latch Open)

LOCKTON ESSENTIALS

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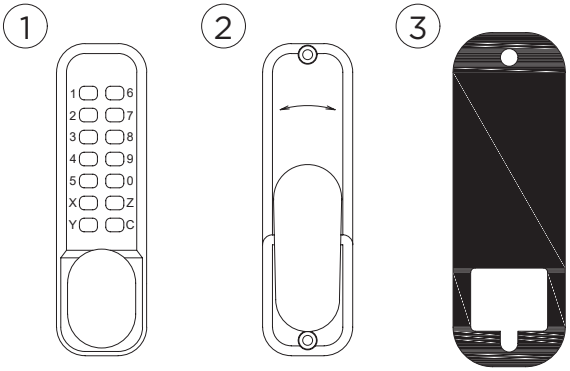
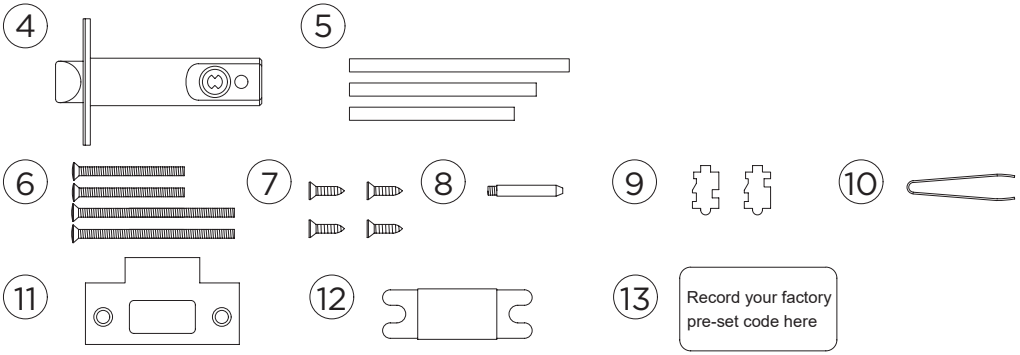
Content of box



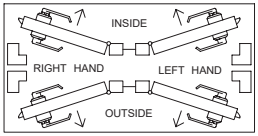
1. Digital Exterior Code Pad Assembly
2. Digital Interior Handle Assembly
3. Neoprene Seals. x 2
4. Latchbolt (60mm standard)
5. Spindles x 3 (only one is used)
6. Fixing Interior Code Pad screws x 4
7. Wood Screws x 4. Use with Latchbolt and Strikeplate.
8. Latchbolt Support Post.
9. Colour code tumblers x 4 Spare
10. Tweezers
11. Strike Plate
12. Strike Box
13. Code Card



PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION

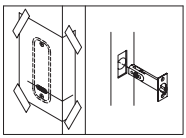
Applying the template

1) Select Handing



Viewed from the outside (Code Pad Side)
eg. your door is right handed if the hinges are on the right.

2) Apply the Template



Align the bottom of the template page 914mm from floor. Fold the template on the dotted 60mm backset line to suit the deadlatch assembly supplied.
Tape the template to the door.

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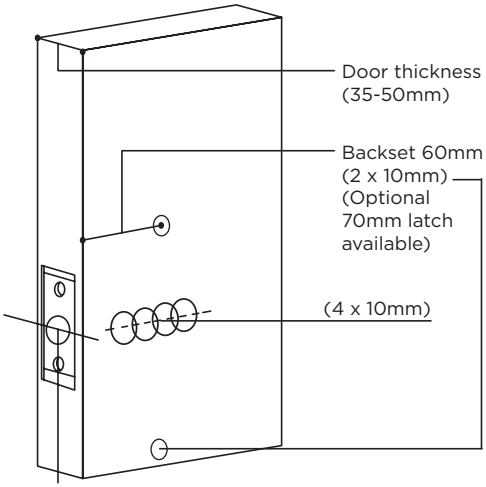
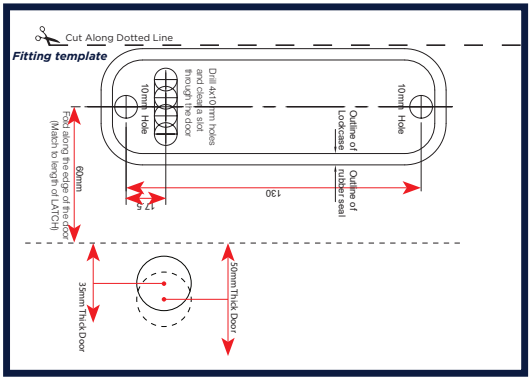
Preparing the door / Installing the Latch & Strike

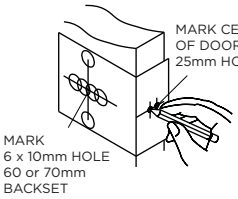




DRILL TEMPLATE AT BACK OF BOOK

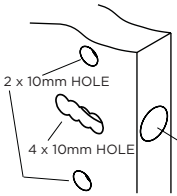
3) Door Preparation and Strike Installation

1. MARK DOOR



Mark center of door edge as indicated on template. Mark center hole on door face through guide on template.

2. DRILL HOLES



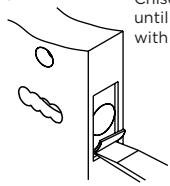
Drill all 6 x 10mm holes through the door. It is recomended that the holes be drilled from both sides to prevent splitting.
Drill 25mm hole in center of door edge for the latch.

3. INSTALL LATCH

a.

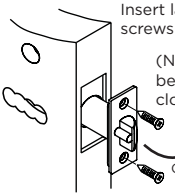
Insert latch in hole keeping it parallel to face of door. Mark outline and remove latch

b.



Chisel 3mm deep or until latch face is flush with the door edge

c.

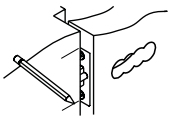


Insert latch and tighten screws

(NOTE: Latchbolt bevel must face to closing direction)

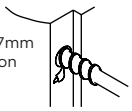
4. INSTALL STRIKE

a.



Close door until latchbolt touches jamb to locate strike in jamb and center line of strike. Open door and extend line from mark to door stop. Measure one half of door thickness from door stop and vertically mark drill point center for strike.

b.

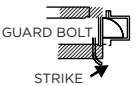


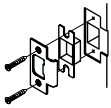
Drill 25mm hole 12.7mm deep in door jamb on drill point for strike

CAUTION: To ensure proper lockset function. Hole in jamb must be drilled a full 12.7mm deep.

c.

Cut out jamb 1.5mm deep for strike. install & tighten screws





Guardbolt stops against strike, as illustrated, preventing forcing when door is closed. Adjustable tang on strike permits bending in or out to fit between door and eliminate being too loose.

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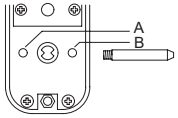
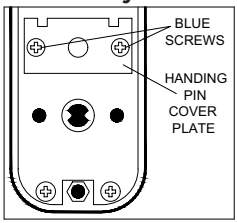
Installation Guide

4) Fit Latch Support Post

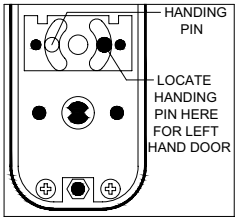


Fit the latch support post in the back of the digital code pad assembly. Hole A for right hand hung door and hole B for left hand hung door.

5) Handing the Digital Code Pad Assembly



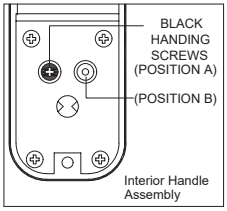
The digital exterior code pad assembly is usually factory set for right hand door handing and the digital Interior code pad is set for left hand door handing (The outer knob will turn freely in an anticlockwise direction and resist clockwise turning).



To change for a left hand door:
* Remove the two BLUE screws and handing pin cover plate.
* Remove the handing pin and replace it in the hole horizontally opposite.
* Replace handing pin cover plate.

* Check that the outer knob now turns freely in a clockwise direction and resists anticlockwise turning

6) Handing the Digital Interior Handle Assembly

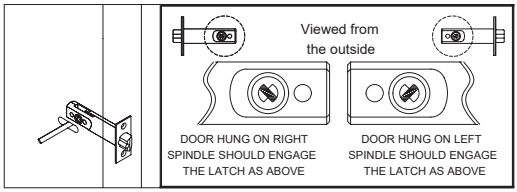


The Digital Interior Handle Assembly is usually factory set for right hand door handing. (The Handle will turn freely in an anticlockwise direction only).

To change for a left hand door:
* Remove BLACK handing screw from position A and relocate it in position B.

* Check that the inside handle now turns freely in a clockwise direction only.

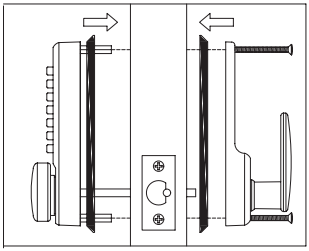
7) Positioning the Spindles



Three spindles are provided. Select the spindle length to suit the door thickness.
* For door thinknesses less than 35mm use the shorter spindle (75mm). For door thinknesses of 35-50mm use the longer spindle (85mm) or (100mm).
* Position spindle centrally through the latch hub to suit door handing.

8) Mounting the Lock

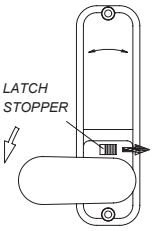
Select the fixing screws to suit the door thinkness.



* For door thinknesses less than 48mm use the shorter screws (36mm).
* Fit the neoprene seals to both the exterior code pad and Interior handle assemblies.
* Hold the exterior code pad assembly onto the door with the spindle in position and ensuring that the latch support post engages the hole in the deadlatch assembly.
* Locate the Interior handle assembly on the inside of the door engaging the spindle in the handle hub.
* Screw both sides together using the fixing bolts top and bottom.
* Before final tightening of fixing screws make sure the lock is vertical. Test the mechanism to ensure that the lock functions correctly and moves easily.
DO NOT overtighten the fixing screws-this may cause distortion and lead to poor operation.
IMPORTANT :
CHECK THAT THE CODE WORKS TO AVOID A LOCKOUT BEFORE CLOSING THE DOOR.

9) Latch Stopper

TURN THE HANDLE DOWN TO RETRACT THE LATCH AND SLIDE THE LATCH STOPPER TO KEEP THE LOCK UNLATCHED.



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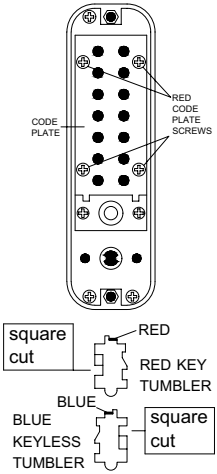
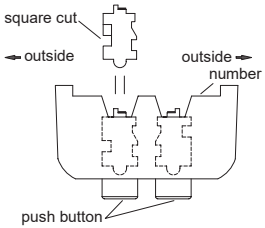
Changing the Code number



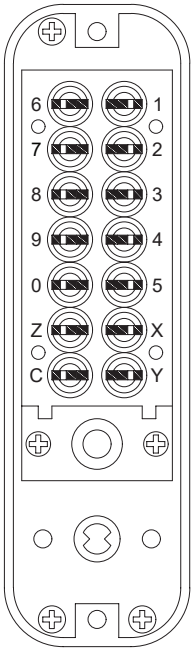
1. Remove the lock from the door.
2. Remove the 4 RED code plate retaining screws from the back of the code pad assembly. Take extra care to keep the lock body on a flat surface when removing the code plate to avoid spilling the small code module components
3. From the factory code setting, there are 5 RED coloured key "active" Code tumblers and 8 BLUE coloured "keyless" code tumblers plus 1 neutral code tumbler in the "C" position (this is the code clearing tumbler and must not be removed).

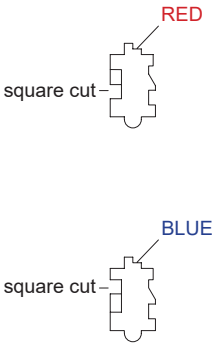


4. Push and hold the "C" button. Never attempt to remove the "C" button code tumbler. With the "C" button held down, remove one or more code tumblers using the tweezer supplied.
5. Note the different shapes of the code tumblers before re-inserting them into the code module.

RED and BLUE code tumblers have the square cut low and high respectively. WHEN REPLACING CODE TUMBLERS THE SQUARE CUT MUST ALWAYS FACE THE OUTSIDE OF THE LOCK BODY.

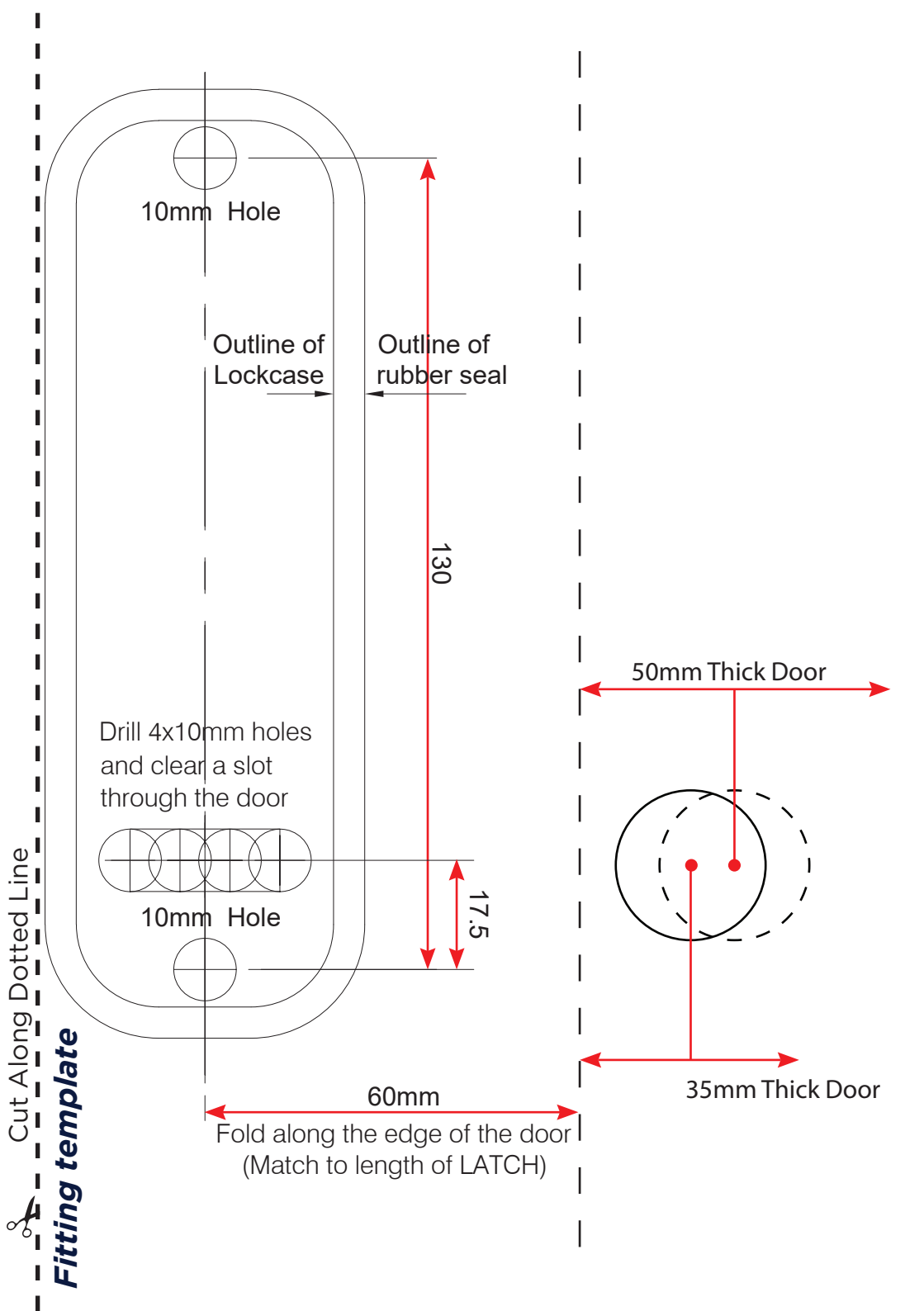
6. Establish and write down your new code & insert the appropriate coloured tumbler next to the code numbers in the module. DO NOT LEAVE ANY TUMBLER POSITION EMPTY. With the spare tumbler provided in the screw pack you can reduce or increase your code to 4 or 6 digits.
7. Replace the code plate and secure with the 4 RED retaining screws.
8. Check the code by pressing the "C" button followed by the code number.
9. The knob should turn freely in both directions. If not return to step 4
10. Reinstall the lock. Place the spare colour code tumblers in a safe place with the instructions and code.





IMPORTANT:

BEFORE CHANGING CODES THE "C" BUTTON MUST BE DEPRESSED AND HELD IN THE DOWN POSITION THROUGHOUT CODE CHANGING PROCEDURE. FAILURE TO DO THIS WILL DAMAGE THE CODE MODULE. SIMILAR DAMAGE WILL OCCUR IF CODES ARE NOT RE-INSERTED CORRECTLY. PLEASE REFER TO CODE CHANGE INSTRUCTIONS. AS A GUIDELINE RED OR BLUE SHOULD ALL BE IN LINE IF CODES ARE CORRECTLY INSERTED.


10mm Hole
Outline of Lockcase
Outline of rubber seal
130
Drill 4x10mm holes and clear a slot through the door
10mm Hole
17.5
50mm Thick Door
35mm Thick Door
60mm
Fold along the edge of the door
(Match to length of LATCH)
Cut Along Dotted Line
Fitting template

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