



## DIGITAL DOOR LOCK

MECHANICAL COMBINATION ACCESS  
CONTROL DOOR LOCK

**MODEL NO. 2230, 2235, 2430, 2435, 2435K**

### 'USERS' INSTALLATION & INFORMATION MANUAL

IT IS IMPORTANT TO UNDERSTAND  
THE OPERATION OF YOUR DIGITAL DOOR LOCK  
TO MAINTAIN A CONTINUED SMOOTH AND  
TROUBLE FREE PERFORMANCE. REMEMBER

**"THIS IS NO ORDINARY DOOR LOCK"**

THEREFORE ALL THE POINTS LAYED OUT IN  
THIS MANUAL ARE IMPORTANT.

SO PLEASE  
READ ALL THE INSTRUCTIONS  
AND FOLLOW THEM CAREFULLY.

—KEEP THIS MANUAL YOU WILL  
NEED IT AGAIN—

## IMPORTANT

BEFORE --- Installing/Re-Installing to the door

- \* TEST YOUR CODE NUMBER
- \* PREFIXED BY 'C' TO CLEAR
- \* THEN TURN THE KNOB TO LEFT  
OR RIGHT.

- Now you have changed your code

- Tested your Lock

- Install/Refix the Lock to the door

- Ensuring the right hand of opening (left or right)  
and position of the spindle, as described in the  
Installation Instructions.

KEEP THIS INSTRUCTION MANUAL -  
YOU WILL NEED IT AGAIN IE.  
"WHEN CHANGING YOUR CODE NUMBER"

(PRINTED IN JAPAN)

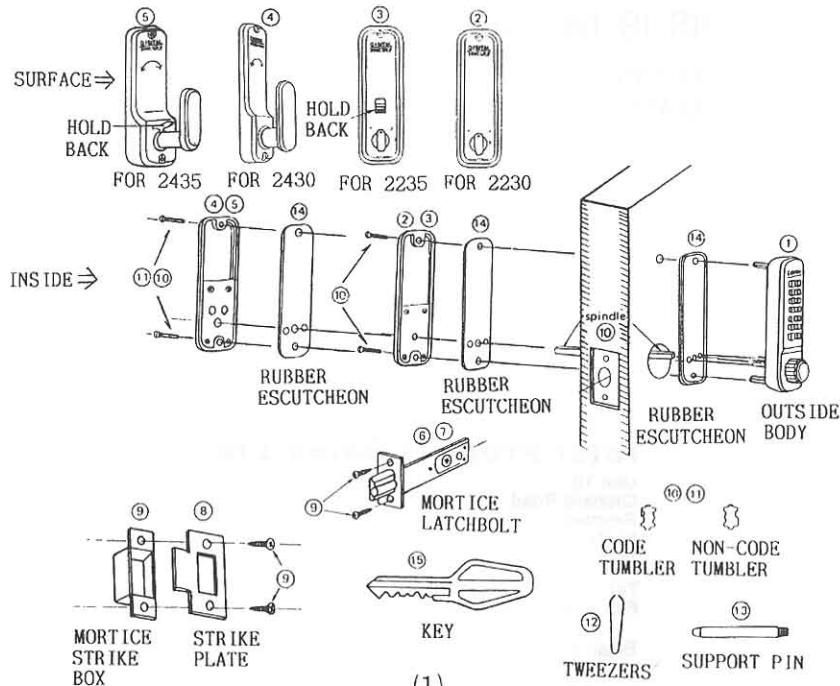
# THE "LOCKEY" DIGITAL DOOR LOCKS

## INSTALLATION & CODE CHANGE INSTRUCTIONS MODEL REF - 2230, 2235, 2430, 2435, 2435K

### ENCLOSED PARTS

NO.	NAME OF PARTS	MODEL REF	2230	2235	2430	2435	2435K
1	OUTSIDE BODY		/	/	/	/	/
2	INSIDE BODY WITH 'THUMBTURN'		/				
3	INSIDE BODY WITH 'THUMBTURN' & 'HOLDBACK'			/			
4	INSIDE BODY WITH 'HANDLE'				/		
5	INSIDE BODY WITH 'HANDLE' & 'HOLDBACK'					/	/
6	MORTICE LATCHBOLT (60mm BACKSET)		/	/	/		
7	MORTICE LATCHBOLT (70mm BACKSET)					/	/
8	STRIKE PLATE		/	/	/	/	/
9	MORTICE STRIKE BOX & WOOD SCREW PACK		/	/	/	/	/
10	SPINDLE/MACHINE SCREWS/CODE TUMBLER PACK		/	/	/	/	/
11	MACHINE SCREWS/CODE TUMBLER PACK					/	/
12	TWEEZERS		/	/	/	/	/
13	SUPPORT PIN		/	/	/	/	/
14	RUBBER ESCUTCHEONS		/	/	/	/	/
15	KEYS / KD X 3, KA X 3					/	/

### INSIDE BODY



## PRE-INSTALLATION CHECK LIST

TAKE OUT AND CHECK THE FOLLOWING INDIVIDUAL PARTS AND TEST AS DESCRIBED.

### 1. DIGITAL OUTSIDE BODY ... PART 1

\* BEFORE YOU ENTER THE CODE

- Knob will not turn to right.
- Knob will turn to left and return.

\* NOW ENTER YOUR CODE (AS PER CODE CARD ENCLOSED)

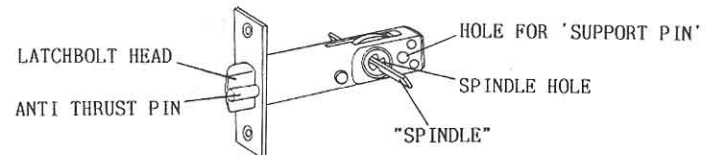
- Knob will now turn to the right and return to the locked position.

### 2. THUMBTURN or HANDLE ON THE INSIDE BODY ... PART 2, 3, 4, 5

- Thumbturn will turn from left to right and upside down, freely.
- Handle will not turn to right.
- Handle will turn to left and return.

### 3. MORTICE LATCHBOLT ... PART 6, 7

- \* Press in the 'Anti Thrust Pin' only, all the way, while holding the Anti Thrust Pin in push the Latchbolt Head.
- Latchbolt head will deadlock (not retract all the way).



- \* Take a spindle from the pack provided part (10) and insert it to the spindle hole at an angle toward the Latchbolt Head, turn the spindle ;

- Latchbolt Head and Anti Thrust Pin will retract.

- \* Release the spindle ;

- Latchbolt Head and Anti Thrust Pin will return.

YOU HAVE NOW ESTABLISHED THAT YOUR DIGITAL DOOR LOCK IS IN GOOD WORKING ORDER. IT IS NOW READY TO PREPARE FOR INSTALLATION.

((LET'S PROCEED TO THE NEXT PAGE))

# PREPARING YOUR DIGITAL DOOR LOCK FOR INSTALLATION

## DETERMINE THE HAND OF OPENING FROM ENTRY SIDE

- If the door is hinged on the right : 'RIGHT HAND OPENING' (Fig 1)
- If the door is hinged on the left : 'LEFT HAND OPENING'
- Your lock is set for right hand opening, to change to left
  - a) Remove the 2 blue screws and take off the plate.
  - b) Using the tweezers provided part (12) take out the pin and insert it into the opposite hole.
  - c) Replace the plate and screws. (see Fig 2)

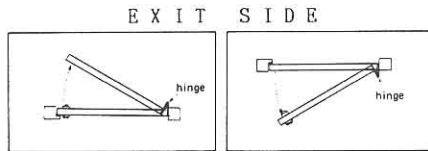


Fig 1

## TO INSTALL THE SUPPORT PIN (PART 13)

- For RIGHT HAND OPENING
  - : Install it to 'A' hole.
- For LEFT HAND OPENING
  - : Install it to 'B' hole.
- \* This will support your MORTICE LATCHBOLT when inserted into hole of "C" in Fig 4 on page 4.

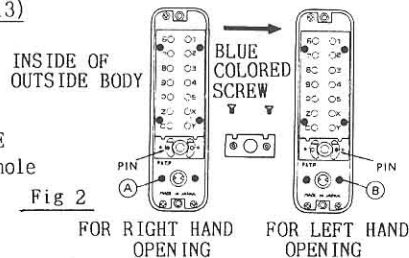


Fig 2

## \* FOR 2430, 2435 & 2435K MODEL

You also need to determine the hand of opening for the handle side.

- The handle is set for right hand opening, to change to left
  - : Remove the blue screw on the backside of the inside body and install it into the opposite hole, tighten. ( see Fig 3)

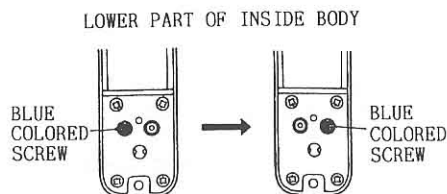


Fig 3

# INSTALLING YOUR DIGITAL DOOR LOCK

- I. 1. Taking the Template provided. :: 60mm for 2230, 2235, 2430, 2435  
70mm for 2435K
2. Decide on the position for your Digital Door Lock.
3. Drill holes as per the Template
  - \* IMPORTANT: To ensure trouble free operation, the holes MUST be drilled accurately.

- \* When morticing out for the Latchbolt, you must ensure that the inside of the 22mm mortice hole is enlarged by moving wood drill up and down, or using a small chisel - this is important to give clearance above the spindle slot in Latchbolt for movement of the cam which moves up as the Latchbolt Head is withdrawn. (see Fig 4)

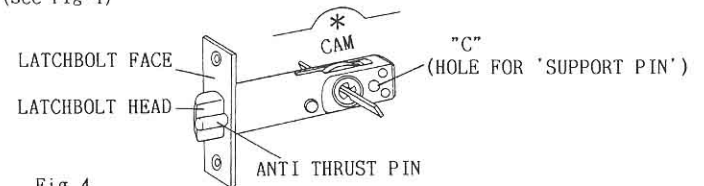


Fig 4

- II. 1. Insert the Latchbolt into the mortice hole, scribe a line around the Latchbolt face and remove it.
2. Chisel out the scribed space until the Latchbolt face is flush with the surface of the door edge.
3. Fasten Latchbolt with the wood screws.

- \* IMPORTANT : Ensure that the Latchbolt face plate is EVENLY fitted. (DO NOT bend the face plate by tightening more at the top or bottom.)

- III. 1. Fit Rubber Escutcheon provided part (14) to the Outside Body.
2. Insert the 2 x Hexagonal Posts and Support Pin through the holes. (see Fig 5)

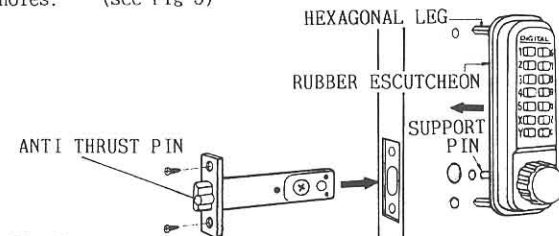


Fig 5

Installation of "FOR RIGHT HAND DOOR" pattern

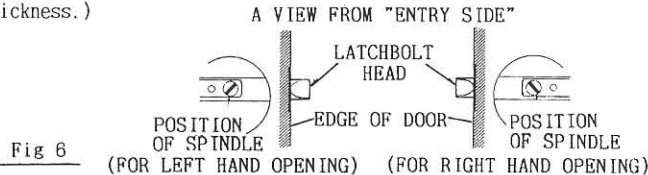
- IV. 1. Select the correct length spindle according to the door thickness.
2. Choose the correct colour spindle.  
Right hand opening ..... red spindle  
Left hand opening ..... blue spindle
3. The coloured end of the spindle must go into the 'spindle hole' of the Outside Body.
4. Insert the correct spindle through the door into the spindle hole and outside body - "PAY ATTENTION TO THE POSITION OF THE SPINDLE"

\* IMPORTANT : Spindle MUST lay at an angle toward the Latchbolt head and edge of door. (see Fig 6)

FOR 2435K (WITH KEYS)

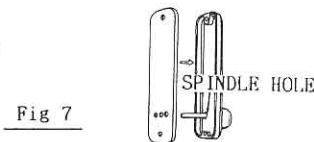
The spindle is installed in the outside body of Digital Door Lock - cut to required length and position through door as instructed above.

- Door thickness from 40mm to 55mm = 98mm spindle
  - Door thickness from 30mm to 45mm = 86mm spindle
- (The indicated size on the spindle is applicable to door thickness.)

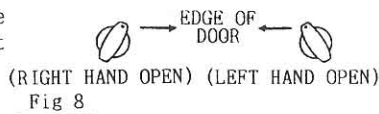


- V. 1. Fit the second Rubber Escutcheon to the Inside Body. (see Fig 7)

2. Fit the inside body over the spindle from exit side of door making sure the spindle remains laying at an angle toward the Latchbolt face and edge of door.

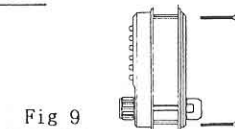


- \* In case of the 2230/2235 the inside thumbturn must be turned to correct position (laying at angle toward Latchbolt face and edge of door) (see Fig 8)



- VI. 1. Select the correct length machine screws and fasten through the inside body, door and outside body - making sure they are not too loose or too tight. (see Fig 9)

\* IMPORTANT : Check the operation of the latchbolt by turning the inside thumbturn or handle.

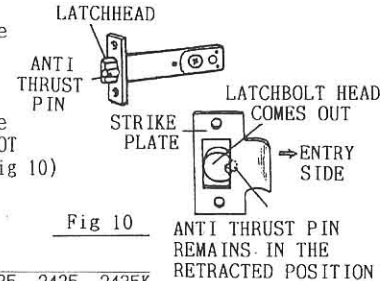


- VII. 1. Close the door to determine the correct position where the Latchbolt Head touches the face of the door jamb and mark out.
2. Chisel out for the Mortice Strike Box and for the Strike Plate so that it is flush with the surface of the door jamb.
3. Fasten Strike Plate with wood screws.

BEFORE CLOSING THE DOOR -- TEST THE OPERATION OF THE DIGITAL DOOR LOCK

- a) Refer to the card showing your code number
- b) Enter your code number - PREFIXED BY 'C'
- c) Turn the outside knob 'left or right' depending on hand of opening
- d) Let go of knob and latch will return to locked position.

\* IMPORTANT : Make sure that when the door is in the closed/locked position, the Latchbolt Head only inserts into the Strike Box in door jamb and NOT the Anti Thrust Pin. (Fig 10)  
(The Anti Thrust Pin is retracted by pushing against the Strike Plate to deadlock the Latchbolt.)



ADDITIONAL INSTRUCTIONS FOR MODEL REF 2235, 2435, 2435K WITH "HOLDBACK" FACILITY

HOW TO USE HOLDBACK FACILITY

- Unlock door by turning the inside thumbturn or handle
- Push the holdback facility
  - a) Down in case of the 2235
  - b) Across in case of the 2435 & 2435K

HOW TO DISCONNECT HOLDBACK FACILITY (FOR 2435 & 2435K)

- Hold inside body in horizontal position, remove 4 silver screws, and lift off cover plate.
- Remove the Ballbearing, Spring and small top plate only.
- Replace coverplate and secure with the 4 silver screws. (see Fig 11)



Fig 11

MAINTENANCE

- As long as your Digital Door Lock has been installed, accurately, and is used correctly, it should be virtually maintenance free.
- It is a good idea to periodically use a non-greasy lubricant on the Latchbolt Face, Cam, internal and external Thumbturn, Handle and knob.

IMPORTANT

KEEP ALL YOUR DIGITAL DOOR LOCK INSTRUCTIONS -YOU WILL NEED THEM FOR FUTURE REFERENCE, IE. WHEN CHANGING YOUR CODE NUMBER.

TO CHANGE YOUR CODE NUMBER -- PLEASE REFER TO CODE CHANGE INSTRUCTIONS. (PAGE 7)

# CODE CHANGE INSTRUCTIONS

**BEFORE** Attempting to change your code number, please read this information carefully - then follow the step by step instructions using the diagrams as a guide.

- Your code group may be from 3-7 digits - ALWAYS prefixed by "C" - to clear.
- Your code group is decided by the position of the 'code' tumblers.

Example C 123XY - The red tumblers are 'CODE'.  
 - The blue tumblers are 'NON CODE'.

Therefore to:


- Increase your code - add more red tumblers
- Decrease your code - add more blue tumblers


Although your code group number is not sequential, there are a possible 5,500 code possibilities.

When changing your code number, it is VERY IMPORTANT that ALL the 'code' and 'non-code' tumblers are replaced CORRECTLY - if 1 or more of your code/non code tumblers are replaced INCORRECTLY, your Lock will NOT work and it may damage the Lock.

This is a 'CODE' TUMBLER (RED)

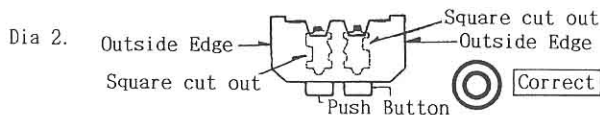
This is a 'NON CODE' TUMBLER (BLUE)

Dia 1. Square cut out 

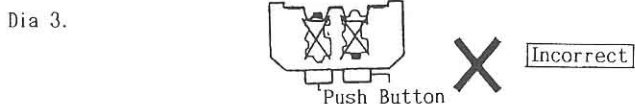
 Square cut out

EACH is COLOURED at the TOP end - EACH has a SQUARE CUT OUT on ONE SIDE ONLY. (see Dia 1)

The code/non code tumblers are positioned in the Lock so that the  
 a) Coloured top end is facing upwards  
 b) Square cut out is facing the nearest outside edge of the Lock body as shown below



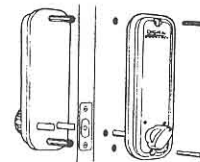
So when you change your code number, ALWAYS remember to replace the code/non code tumblers in the CORRECT positions as shown Dia 2.- and not the incorrect positions as shown in Dia 3.



# HOW TO CHANGE THE CODE NUMBER

Remove your Digital Door Lock from the box or door.

Hold the outside body in the horizontal position, remove the 4 red screws, and carefully remove the plate.



PAY ATTENTION FOR HANDLING THE LID AS IT IS INSTALLED THE MANY SPRINGS AT THE INSIDE OF THE LID

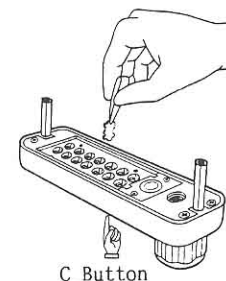


\*Decide on the code group number you wish to use.

## HOW TO REMOVE code/non code tumblers

-Still holding the Lock in the horizontal position PRESS the C button in from underneath, continue pressing in the C button until you have COMPLETED the code change.

-Using the tweezers provided lift out the code/non code tumblers you wish to change NEVER attempt to remove the C tumbler.



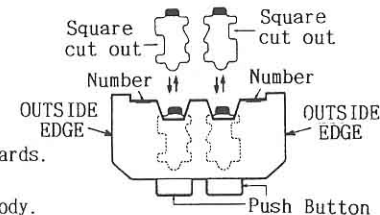
- REMEMBER - To increase the number of digits :  
 Add more red 'code' tumblers.  
 - To decrease the number of digits :  
 Add more blue 'non code' tumblers.

\*Press in the C Button

## HOW TO REPLACE code/non code tumblers

-Still pressing in the C button.  
 -Insert the red code tumblers to form your new code.  
 -Insert the blue 'non code' tumblers into the remaining spaces.

REMEMBER : It is important that  
 -The coloured top end is facing upwards.  
 -The square cut out is facing the nearest outside edge of the Lock body.



\*\* Release the C button and replace the plate carefully, using the 4 red screws.