KIC5510/5210-5510/5210PK-II-1117

CODE KEY KEYINCODE.COM

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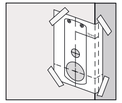
INSTALLATION OF KIC5510/5210 LOCKS

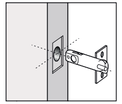
Please reference the schematic overleaf when installing lock. Take time to prepare and mark precisely holes for installation, ensuring drilled holes are horizontal and at right angles to the door face. This will make installation easier and prevent malfunction due to inaccurate alignment.

1) APPLY TEMPLATE



- Mark height of lock on face and edge of door.
- Crease template 90° along dotted line for door edge.
- Tape template against door matching marked height line on door face and edge with template height line.
- Mark center points of holes to be drilled.
- Mark center line of latch on door edge.
- Place template on opposite side of door and repeat marking hole centers and latch position.

2) DRILL LATCH HOLE



- **Important:** Keep drill level and at right-angle to surface.
- Drill a 1" (25mm) hole in the centre of the door edge on the marked line.
- Push latch into hole and keeping it square to the door edge draw around faceplate.
- Remove latch. Using the drawn lines as a guide with a chisel rebate the door edge so that the latch faceplate is flush with the door edge.

3) DRILL THRU-BOLT HOLES

- **Important:** Keep drill level and at right-angle to surface.
- Drill marked holes on each side of door halfway, to avoid damage to door face on either side and increase accuracy.

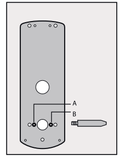
4) INSERT FIRE CUP *(ONLY REQUIRED ON INTERNAL FIRE DOOR)*

- If using fire cup insert into 2⅛" (54mm) hole.
- Openside of the cup should face the lock Keypad side of the door with the small bolt through hole at the bottom.

5) REFIT LATCH

- Re-insert latch with bevel towards door frame and secure with faceplate screws.

6) FIT LATCH SUPPORT POST



- Secure latch support post onto inside of the front plate by screwing it into either hole **A** or **B**. **A** for a left hand hung door and **B** for a right hand hung door *(viewed for code side).*

7) INSTALL CABLE TUBE

- Screw the cable tube into the front plate ensuring that power cable passes through the tube.

8) GASKETS

- Attach self adhesive gaskets.

9) REMOVE BACKPLATE COVER

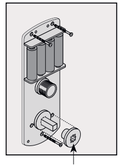
- Take off battery cover by removing allen head bolts.
- Remove two allen head bolts shown underneath cover.
- Remove two further allen head bolts at base of lock cover.
- Remove the backplate cover to leave the inside fixing plate *(battery pack attached).*

10) INSERT SPINDLE

- Insert spindle into latch from the code side, with spindle spring against latch

11) INSTALL FRONT CODE CONTROL

- Fit the codeplate onto the spindle.
- At the same time pass the cable tube through the door via the pre drilled hole and the latch support post through the already installed latch.
- Holding the codeplate in place from the inside of the door place the inside plate with battery pack over the cable tube and spindle.
- Screw the ring nut onto the cable tube.
- Screw in the three thru-bolts through the door into the codeplate.
- Fit the alignment insert over the spindle.
- Install outside lever on the code control and secure with set screw.



Alignment insert MUST be removed before completing installation.

12) OPERATION/ INSTALL CHECK

Now check the install to ensure latch retracts and returns and spindle turns smoothly as follows:

- Insert batteries and connect battery cable.
- Enter mastercode **#12345678** for **KIC5510** or **#1234** for **KIC5210** locks, This will engage the lock clutch for 4 seconds and the blue LED with flash.
- Push down the lever handle which should retract the latch and return smoothly.
- If too tight loosen thru-bolts and reposition lock until latch and spindle retract and return smoothly.
- Retighten thru-bolts.
- Screw on cable tube cap.
- **REMOVE THE ALIGNMENT INSERT!**

13) INSTALL BACKPLATE

- Refit the backplate over the fixing plate using the four fixing bolts.
- Refit the battery cover.
- Fit the inside lever handle onto the backplate, securing with grub screw.
- The inside lever will now retract the latch when depressed.

14) FITTING THE STRIKEPLATE

- Position the strike on the door frame, so that the hole to receive the latch, lines up with the latchbolt.
- Mark around the strikeplate and mark the position of the fixing screws and hole to accept the latchbolt.
- Chisel out ¼' of the hole to accept the latchbolt.
- Secure the strike plate temporarily to the surface of the door frame.
- Carefully close the door to ensure that the latch enters the hole and there is not too much play, also ensure that the deadlocking plunger next to the latch DOES NOT enter the hole.
- Make any necessary adjustments.
- Remove the strikeplate and using a chisel rebate the door frame so that when fitted the strikeplate is flush with the doorframe.
- Resecure the strikeplate with screws.

Your lock is now ready to use –
please see Programming Instructions.

INSTALLATION OF KIC5510PK/5210PK LOCKS

1) APPLY TEMPLATE (DIAGRAM A)

- Position template on door. The position of the template will be determined by the position of the Exit Device's spindle on the other side of the door.
- Mark holes to be drilled using template.
- Drill holes with sizes as per template.

2) BACKPLATES (DIAGRAM B)

- The lock is supplied with two backplates one fitted.
- Match position of the fixing posts with the Exit Device to be installed and swap backplates if required. ***Note: top two holes on backplate are matched with battery pack and two middle fixing posts should match with exit device.***

3) FIXING POSTS (DIAGRAM C)

- Screw in x 5 fixing posts.

4) SPINDLE (DIAGRAM D)

- Fit spindle into lock into lock body with spindle spring facing towards the Exit Device side.

5) FIT THE LOCK (DIAGRAM E)

- Place the lock against the door passing the fixing posts through the drilled holes and the power cable through the centre top hole.
- Remove the cover from the battery pack and remove the battery holder.
- Using the backplate of the battery pack secure with two fixing bolts through into the fixing posts, ensuring the cable passes through the centre hole.

6) FIT THE EXIT DEVICE (DIAGRAM F)

- Hold the exit trim over the spindle and holes with fixing posts.
- Secure the top two holes with the through bolts into the fixing posts.
- Secure the lower fixing hole with the through-bolt into the lower fixing.

ADDITIONAL FIXING NOTE

If Exit Device does not have a lower fixing hole matching the lock lower fixing please fit as follows before presenting Exit Device to fit:

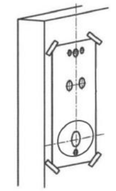
- If device is being installed through a 2⅛" door hole prep, please use optional **ED Circular Fixing Plate**, passing through fixing bolt into the lower fixing post.
- If not 2⅛" door preparation, please countersink through-bolt flush with door and secure into lower fixing post.
- If required, secure lower two fixing points on Exit Device through door with optional fixings provided.

7) TEST LOCK

- Attach lever handle dependant of hand of door securing underneath with grub screw.
- Connect cable to battery pack, insert batteries and replace battery cover.
- Enter mastercode **#12345678** for **KIC5510** or **#1234** for **KIC5210** locks, This will engage the lock clutch for 4 seconds and the blue LED with flash.
- Push down the lever handle which should retract the Exit Device latch and return smoothly.
- If the latch is stiff or sticking release the fixing bolts realign slightly resecure and test again.
- Complete installation of Exit Device as per manufacturers instructions.

Your lock is now ready to use –
please see Programming Instructions.

A)



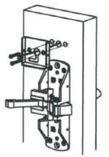
B)

C)

D)

E)

F)



CODE KEY ELECTRONIC DOOR LOCKS

KIC5210 & KIC5510

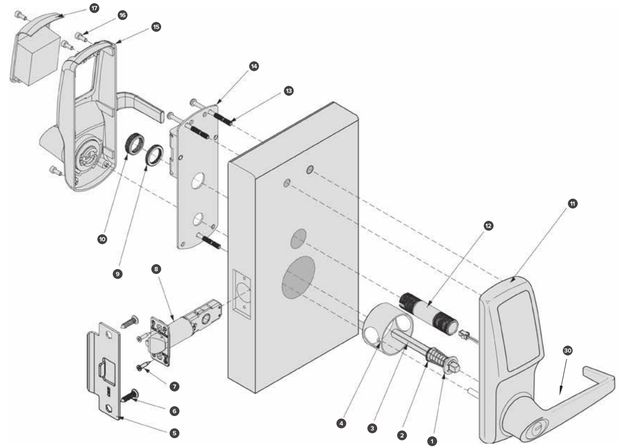
INSTALLATION INSTRUCTIONS (KIC5510, 5510PK, KIC5210, 5210PK)

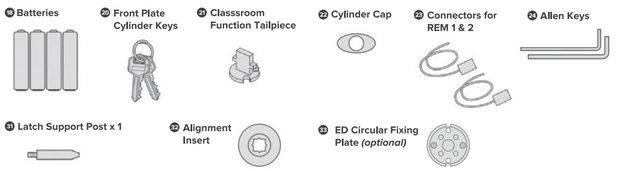
PARTS LIST

Check parts in box are correct for lock type:

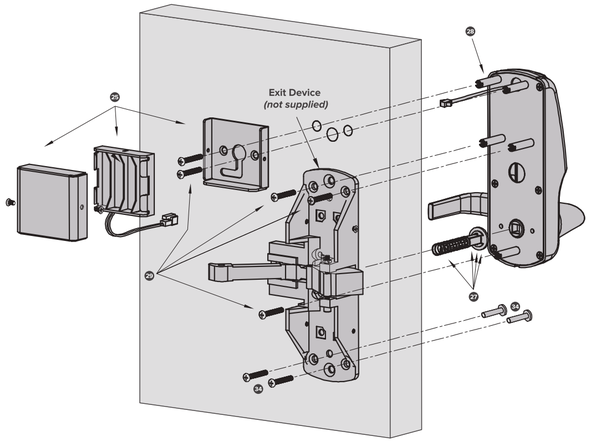
PART NAME	KIC5210	KIC5210PK	KIC5510	KIC5510PK
1 Washer	●		●	
2 Spindle Spring	●		●	
3 Spindle	●		●	
4 Fire Cup	●		●	
5 Strike Plate	●		●	
6 Strike Plate Screws x 2	●		●	
7 Countersunk Latch Screws x 2	●		●	
8 Latch	●		●	
9 Tube Ring Nut	●		●	
10 Threaded Tube Cap	●		●	
11 Front Code Control	●	●	●	●
12 Threaded Cable Tube	●		●	
13 Thru-bolts x 3	●		●	
14 Fixing Plate with Battery Pack	●		●	
15 Lock Rear Plate	●		●	
16 Lock Rear Fixing Bolts x 4	●		●	
17 Battery Cover	●		●	
18 1.5v AA Batteries x4	●	●	●	●
19 Gasket *(not shown)*	●	●	●	●
20 Front Plate Cylinder Keys	●	●	●	●
21 Classsroom Function Tailpiece	●	●	●	●
22 Cylinder Cap	●	●	●	●
23 Connectors for REM 1 & 2	●	●	●	●
24 Allen Keys	●	●	●	●
25 Battery Pack		●		●
26 Optional Fixing Plate *(not shown)*		●		●
27 PK Sprung Spindle		●		●
28 Fixing Posts x 5		●		●
29 Fixing Bolts x 5		●		●
30 Lever Handle	●	●	●	●
31 Latch Support Post x 1	●		●	
32 Alignment Insert	●		●	
33 ED Circular Fixing Plate *(optional)*		●		●
34 Optional Fixings		●		●

INSTALLATION SCHEMATIC KIC5510 / 5210





INSTALLATION SCHEMATIC KIC5510PK / 5210PK



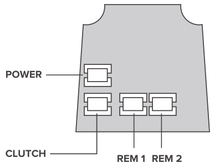
Tools required for installation:

- Philips Screwdriver
- Pliers *(for cutting bolts)*
- Chisel 25mm (1")
- Adhesive Tape, Pencil, Bradawl, Tape Measure
- Hammer / Mallet
- Stanley Knife
- Power Drill
- Drill Bits 10mm (⅜"), 25mm (1") and 54mm (2⅛")

SPECIAL FIXING NOTE

REMOTE RELEASE OPTION

Cables are provided for the **REM 1** and **REM 2** terminals on the circuit board. If using **REM 1** or **REM 2** ports install connectors on the circuit board by removing the 6 screws on the back of the front lock plate. Connect to board, then replace back of lock with six screws and route cables with power cable and then on to desired terminal point.



REM 1 is for connection to a reception desk push button or a door intercom system. Pressing the button will cause the keypad to flash blue on the lock and release the lock for the pre-set time.

REM 2 is for connection to the building alarm system to release a door in an emergency. This allows rooms, wards, offices to be easily checked to ensure that no person is trapped or overlooked during an emergency evacuation. When activated **REM 2** will maintain the unlocked condition for 30 minutes, the keypad will flash red and BEEP during this time.

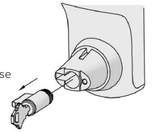
The lock will automatically lock again after 30 minutes. If necessary Program 7 can be used to re-lock before the end of the 30 minutes.

REM 1 and **REM 2** do not require additional power. They are normally open contacts requiring a momentary or maintained signal to close.

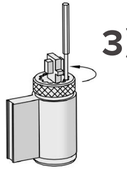
CHANGING KEY BYPASS FUNCTION

To remove Front Load Cylinder to repin, replace or change key bypass function, follow steps 1 to 6. Please note that Cylinder is a 6 pin screw-cap cylinder.

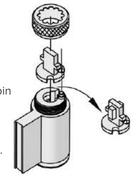
1) Remove handle and cylinder cover.



2) Turn key 90° clockwise and remove cylinder from boss.



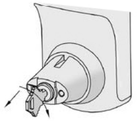
3) Remove key from cylinder. Hold down the control pin in the end of the cylinder and unscrew the cap.



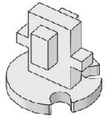
4) Replace the tailpiece, hold down the control pin and screw the cap fully on without tightening. Ensure control pin projects to lock the cap.

5) Test the key operation. If the key is difficult to insert or tight when turning, then the cap maybe too tight. Loosen the cap one notch at a time and try the key again. If the key inserts and turns ok, but is difficult to remove, then the cap may be too loose. Tighten up the cap one notch at a time. Adjust the cap until the key inserts, turns and removes easily.

6) With key turned 90° clockwise replace cylinder, cylinder cover and handle.



ATTENTION!
Do not insert the key in the cylinder once you have removed the screw-cap.



CHANGING KEY BYPASS FUNCTIONS

Storeroom Function: tailpiece allows key to turn 90° clockwise to enable handle to retract the latch; this is the factory fitted function.

Classroom Function: tailpiece allows key to turn 90° clockwise and be removed leaving the handle engaged in Code Free Mode. Code Free Mode is cancelled by turning key 90° anti-clockwise.

THESE TAILPIECES WILL FIT MOST SCREW-CAP CYLINDERS FROM OTHER MANUFACTURERS