DX Mechanical Digital Door Locks Service Manual

ASSA ABLOY, the global leader in door opening solutions
Introduction

Service Manual:
This manual contains a complete listing of parts and assemblies for the DX Series Mechanical Digital Locks supplied by ASSA ABLOY Australia. Exploded views are included along with parts list for ordering of replacement components.

ASSA ABLOY Australia reserves the right to make changes in design or specifications, or to make additions or improvements to their product without incurring any obligation to incorporate these amendments in product previously manufactured.

ASSA ABLOY Australia are not responsible for additions or alterations made to their product by others.

Maintenance:

Cleaning: Care should be taken during construction/refurbishment to ensure that paint, thinners, mortar or cement splashes are carefully removed from locks, furniture and hardware. Removal of these splashes with strong cleaning agents or scourers should be avoided.

Dirt and grime should be regularly removed with a soft damp cloth. A solution of mild soap and water may be required. During cleaning, care should be taken to prevent cleaning solution from entering the cylinder keyway. Surfaces should be dried.
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Setting a New Code

If necessary the factory set five digit code can be easily changed to a new four, five or six digit code of your choice.

STEP 1:
SELECT YOUR NEW CODE:
Use any combination of numbers or letters (0 to 9 XYZ) as a four, five or six digit code. EACH DIGIT CAN ONLY BE USED ONCE IN A CODE.
NOTE: BUTTON ‘C’ is used for clearing the code selector mechanism and CANNOT BE CHANGED.

EXAMPLES OF CODES
FOUR DIGIT CODE - C 2347
FIVE DIGIT CODE - C 897YZ
SIX DIGIT CODE - C 01349X

STEP 2:
PREPARE LOCK FOR RE-CODING: KEEP LOCK HORIZONTAL WHILE CHANGING CODE
(a) Remove adaptor plate. (where fitted)
(b) Remove four red screws and carefully remove backplate.

STEP 3:
SETTING YOUR NEW CODE:
(a) Hold button ‘C’ depressed on front face while repositioning tumblers.
(b) Using tweezers supplied, reposition RED and BLUE tumblers as follows: RED TUMBLERS are located in holes corresponding to new code. Insert one red tumbler for each digit in the code. e.g. a four digit code requires four red tumblers. (Where necessary use spare tumblers from plastic wallet.) BLUE TUMBLERS are located in all remaining holes.
INSERT TUMBLERS WITH COLOURED END UP AND LARGE SQUARE CUT-OUT FACING SIDE OF LOCK. EVERY HOLE MUST HAVE A TUMBLER FOR THE LOCK TO FUNCTION.
(c) Release button ‘C’ after repositioning tumblers.

STEP 4:
TO RE-ASSEMBLE:
Replace backplate carefully and secure with four red screws.
CHECK THAT LOCK FUNCTIONS CORRECTLY USING NEW CODE BEFORE INSTALLING ON DOOR. Retain tweezers, spare tumblers and instructions for future code changes.
530 DX Mechanical Digital Locks

**Orderable Locks**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>530DXSC</td>
<td>DX Digital 530 Latch Trade Pack</td>
</tr>
<tr>
<td>530DXPB</td>
<td>DX Digital 530 Latch Trade Pack</td>
</tr>
<tr>
<td>530DXSCDP</td>
<td>DX Digital 530 Latch Display Pack</td>
</tr>
<tr>
<td>530DXPBDP</td>
<td>DX Digital 530 Latch DisplayPack</td>
</tr>
</tbody>
</table>

**Fixing screw**
- Door thickness: 33 to 45mm: SP930-108ZP
- Door thickness: 46 to 65mm: SP930-208ZP

**Latch and Strike Kits**
- 60mm backset: 530-12SC (default)
- 70mm backset: 530-22SC
- 127mm backset: 530-22SC

**Internal plate & gasket**
- SPDX-30SC

**Code pad and gasket**
- SPDX-20SC

**Spindle**
- Door thickness: 33 to 45mm: SP10000-127ZP (default)
- Door thickness: 46 to 55mm: SP10000-627ZP
- Door thickness: 56 to 65mm: SP10000-727ZP
530 DX Mechanical Digital Locks - Two Pads

Fixing Screws
Door thickness:
33 to 45mm: SP930-108ZP
46 to 65mm: SP930-208ZP

Internal Code Pad & gasket
SPDX-220SC

Latch and Strike Kits
60mm backset: 530-125C (default)
70mm backset: 530-222SC
127mm backset: 530-225SC

Spindles
Door thickness:
33 to 45mm: SP10000-1127ZP (default)
46 to 55mm: SP10000-1227ZP

External Code Pad & gasket
SPDX-20SC

530 DX Mechanical Digital Locks – 2 Pads

Orderable Locks

<table>
<thead>
<tr>
<th>530DXSC</th>
<th>DX Digital 530 Latch Trade Pack 2 Pads</th>
</tr>
</thead>
<tbody>
<tr>
<td>530DXPB</td>
<td>DX Digital 530 Latch Trade Pack 2 Pads</td>
</tr>
</tbody>
</table>
002 DX Mechanical Digital Locks

Orderable Locks

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>002-1KDXSC</td>
<td>DX Digital 002 Knob Timber Strike Trade Pack</td>
</tr>
<tr>
<td>002-3KDXSC</td>
<td>DX Digital 002 Knob Metal Frame Strike Trade Pack</td>
</tr>
<tr>
<td>002-4KDXSC</td>
<td>DX Digital 002 Knob Open Out Strike Trade Pack</td>
</tr>
<tr>
<td>002-1LDXSC</td>
<td>DX Digital 002 Lever Timber Strike Trade Pack</td>
</tr>
<tr>
<td>002-3LDXSC</td>
<td>DX Digital 002 Lever Metal Frame Strike Trade Pack</td>
</tr>
<tr>
<td>002-4LDXSP</td>
<td>DX Digital 002 Lever Open Out Strike Trade Pack</td>
</tr>
<tr>
<td>002-1KDXSCDP</td>
<td>DX Digital 002 Knob Timber Strike Display Pack</td>
</tr>
</tbody>
</table>

002 Variations

Knob timber timber open in: 002-1K1SC
Knob metalframe open in: 002-3K1SC
Knob open out: 002-4K1SC
Lever timber frame open in: 002-1L1SC
Lever metal frame open in: 002-3L1SC
Lever open out: 002-4L1SC
Synergy 3572 DX Mechanical Digital Locks

For components that relate specifically to the mortice lock refer to the Synergy Series Service Manual for Details.

1800/2800 internal furniture plate required to complete assembly - ordered separately.

### 3572 DX Mechanical Digital Locks

<table>
<thead>
<tr>
<th>Orderable Locks</th>
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</thead>
<tbody>
<tr>
<td>3572DXLSC</td>
<td>DX Digital 3572 60mm Backset Left Hand</td>
</tr>
<tr>
<td>3572DXRSC</td>
<td>DX Digital 3572 60mm Backset Right Hand</td>
</tr>
<tr>
<td>4572DXLSC</td>
<td>DX Digital 3572 89mm Backset Left Hand</td>
</tr>
<tr>
<td>4572DXRSC</td>
<td>DX Digital 3572 89mm Backset Right Hand</td>
</tr>
<tr>
<td>5572DXLSC</td>
<td>DX Digital 3572 127mm Backset Left Hand</td>
</tr>
<tr>
<td>5572DXRSC</td>
<td>DX Digital 3572 127mm Backset Right Hand</td>
</tr>
</tbody>
</table>
Synergy 3572 DX Mechanical Digital Locks - Key Override

**Orderable Locks**

- 3572DXKOLSC: DX Digital 3572 60mm Backset Key Override Left Hand
- 3572DXKORSC: DX Digital 3572 60mm Backset Key Override Right Hand
- 4572DXKOLSC: DX Digital 3572 89mm Backset Key Override Left Hand
- 4572DXKORSC: DX Digital 3572 89mm Backset Key Override Right Hand
- 5572DXKOLSC: DX Digital 3572 127mm Backset Key Override Left Hand
- 5572DXKORSC: DX Digital 3572 127mm Backset Key Override Right Hand

**Other Components**

- **Mounting Plate Accessory Packet**
  - SP3577-5619

- **Spindle**
  - SP10000-138ZP

- **Lower cylinder assembly**
  - 577-2SC

- **Fixing screws**
  - SP1800-408ZP (50MM)
  - SRWM4-65SS (65MM)

- **Key override cylinder mounting plate**
  - SPDX-524

- **Mounting plate screw**
  - SP10000-134ZP

- **Screw cup washer**
  - SP10000-107SC

- **Adaptor**
  - SP3570-5050

- **Code pad & gasket**
  - SPDX-50SC

- **Mounting plate**
  - SPDX-324

For components that relate specifically to the mortice lock refer to the Synergy Series Service Manual for details.

1800/2800 internal furniture plate required to complete assembly - ordered separately.
Synergy 3582 DX
Mechanical Digital Locks

For components that relate specifically to the mortice lock refer to the Synergy Series Service Manual for Details.

4800/5800 internal furniture plate required to complete assembly - ordered separately.

### 3582 DX Mechanical Digital Locks

<table>
<thead>
<tr>
<th>Orderable Locks</th>
<th>3582DLSC</th>
<th>DX Digital 3582 Metal Door 23mm Backset Left Hand</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3582DRSC</td>
<td>DX Digital 3582 Metal Door 23mm Backset Right Hand</td>
</tr>
<tr>
<td></td>
<td>4582DLSC</td>
<td>DX Digital 3582 Metal Door 24.5mm Backset Left Hand</td>
</tr>
<tr>
<td></td>
<td>4582DRSC</td>
<td>DX Digital 3582 Metal Door 24.5mm Backset Right Hand</td>
</tr>
<tr>
<td></td>
<td>5582DLSC</td>
<td>DX Digital 3582 Metal Door 30mm Backset Left Hand</td>
</tr>
<tr>
<td></td>
<td>5582DRSC</td>
<td>DX Digital 3582 Metal Door 30mm Backset Right Hand</td>
</tr>
<tr>
<td></td>
<td>6582DLSC</td>
<td>DX Digital 3582 Metal Door 38mm Backset Left Hand</td>
</tr>
<tr>
<td></td>
<td>6582DRSC</td>
<td>DX Digital 3582 Metal Door 38mm Backset Right Hand</td>
</tr>
</tbody>
</table>

### 3592 DX Mechanical Digital Locks

<table>
<thead>
<tr>
<th>Orderable Locks</th>
<th>3592DLSC</th>
<th>DX Digital 3592 Timber Door 23mm Backset Left Hand</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3592DRSC</td>
<td>DX Digital 3592 Timber Door 23mm Backset Right Hand</td>
</tr>
<tr>
<td></td>
<td>4592DLSC</td>
<td>DX Digital 3592 Timber Door 24.5mm Backset Left Hand</td>
</tr>
<tr>
<td></td>
<td>4592DRSC</td>
<td>DX Digital 3592 Timber Door 24.5mm Backset Right Hand</td>
</tr>
<tr>
<td></td>
<td>5592DLSC</td>
<td>DX Digital 3592 Timber Door 30mm Backset Left Hand</td>
</tr>
<tr>
<td></td>
<td>5592DRSC</td>
<td>DX Digital 3592 Timber Door 30mm Backset Right Hand</td>
</tr>
<tr>
<td></td>
<td>6592DLSC</td>
<td>DX Digital 3592 Timber Door 38mm Backset Left Hand</td>
</tr>
<tr>
<td></td>
<td>6592DRSC</td>
<td>DX Digital 3592 Timber Door 38mm Backset Right Hand</td>
</tr>
</tbody>
</table>

### Components

- Mounting nut
  - SP3580-351BK
- Lock
  - 3582SC
- Spindle
  - SP10000-138ZP
- Fixing screws
  - SP1800-408ZP (30MM)
  - SRWM4-65SS (65MM)
- Mounting plate screw
  - SP10000-134ZP
- Code pad & gasket
  - SPDX-505C
- Screw cup washer
  - SP10000-107SC
- Adaptor
  - SP3570-5050
- Mounting plate
  - SPDX-320
- Fixing screws
  - SP1800-408ZP (50MM)
  - SRWM4-65SS (65MM)
1. Prepare door and install latch.
   (a) Mark and drill holes as shown on template.
   (b) Insert latch into hole in door edge and scribe around faceplate.
   (c) Mortice 4mm (\(\frac{5}{6}\)"") deep to accept latch faceplate.
   (d) Pre-drill 2.5mm (\(\frac{9}{16}\)"") to accept mounting screws and secure latch using woodscrews supplied.

2. Install digital lock and interior furniture plate.
   (a) Fit rubber seal to the back of the digital lock and interior furniture plate.
   (b) Insert blade end of spindle in vertical position into digital lock drive gear.
   (c) Install digital lock and interior furniture plate to door with both turn knobs in vertical position.
   (NOTE: Ensure that spindle engages latch hub and interior furniture plate drive gear.
   (d) Secure using two metal thread mounting screws.

3. Prepare jamb and install strike.
   (a) Mark strike location on jamb edge directly opposite latch as shown.
   (b) Locate strike on jamb edge centrally about horizontal centreline with screw holes in strike on vertical centreline. Mark outline of strike and bolt hole onto jamb edge.
   (c) Mortice in the following sequence:
      1. Bolt hole mortice 16mm (\(\frac{5}{6}\)"") deep.
      2. Strike mortice 1.5mm (\(\frac{9}{16}\)"") deep.
   (d) Pre-drill 2.5mm (\(\frac{9}{16}\)"") to accept mounting screws and secure using woodscrews supplied.

**Lock mounting position.**
This product is more convenient to operate at approximately chest level, but door construction may restrict the mounting position.

**SOLID DOORS:** Permit mounting at any height.

**HOLLOW CORE DOORS:** Mounting may be restricted by the size and position of the timber block within the door for lock mounting.

*Note: For fire door applications, keypad must be fitted without rubber mounting pad.*

**FOLLOW INSTRUCTIONS CAREFULLY**
FOLLOW INSTRUCTIONS CAREFULLY

LOCK MOUNTING POSITION

This product is more convenient to operate at approximately chest level, but door construction may restrict the mounting position.

SOLID DOORS: Permit mounting at any height.

HOLLOW CORE DOORS: Mounting may be restricted by the size and position of the timber block within the door for lock mounting.

1. Select CLOCKWISE or ANTI-CLOCKWISE side of template to suit door opening direction.
2. Position template and prepare door as specified on template.

DRILL CYLINDER HOLE FROM BOTH SIDES OF DOOR TO PREVENT SPLINTERING OF DOOR FACE.

1. Rotate turn knob fully clockwise to HOLD BACK position.
2. Remove two case mounting screws from lock case.
3. Take mounting plate out of lock case.

1. Select CLOCKWISE or ANTI-CLOCKWISE template to suit door opening direction.
2. Place template on inside door face at required height from floor with LINE A positioned on door edge.
3. Mark and drill holes as specified on template.

Door Frame Strengthener Template

FOLD LINE

DRILL 2 HOLES
5mm Dia x 63mm Deep
DIGITAL DEADLOCK
MOUNTING INSTRUCTIONS

INSTALL DIGITAL LOCK & MTG PLATE

1. Fix MOUNTING PLATE to door with four woodscrews supplied.
2. Align Notch on HUB with vee on mounting plate.
3. Insert and locate, blade end of spindle into hub from outside of door. Mark and cut spindle to length. (19mm from Door Face).
4. Insert spindle into digital lock drive gear with blade end facing out.
5. Realign notch on hub with vee on mounting plate. Secure digital lock with mounting screw through cup washer and into top hole.
6. Place rear digital lock mounting screw through slot in hub and secure digital lock to door.

INSTALL CASE

1. Rotate lever fully clockwise to the HOLD BACK position.
2. Ensure notch on hub is aligned with 'V' on mounting plate. Fit case body to mounting plate as shown.
3. Lightly tap both front corners of case to ensure it is fully home on the mounting plate.
4. Secure to mounting plate using the two case mounting screws.
5. Test entire operation of lock BEFORE CLOSING THE DOOR.

INSTALL FRAME STRENGTHENER & STRIKE

1. Position strike on jamb directly opposite the lock case and mark outline of strike flange on jamb edge.
2. Mortice area for flange. Depth of flange mortice determines gap. Note: 3mm maximum gap between lock and installed strike.
3. Position door frame strengthener template in strike flange mortice as shown below.
4. WARNING: Care must be taken when drilling and affixing screws to jamb. Screws must NOT come in contact with electrical wires in jamb. Mark and drill holes as specified on template.
5. Install door frame strengthener and secure using two door frame strengthener screws.
6. Locate strike over door frame strengthener and secure using three strike mounting screws.
Note: Pre-drill 3mm Dia x 25mm deep for woodscrews.
3570 DX SERIES MECHANICAL DIGITAL LOCKS
MOUNTING INSTRUCTIONS

1. PREPARE DOOR FOR LOCK

- Establish height that lockset will be on door and mark centreline of door thickness on door edge.
- Place template on door and align centreline on template with centreline on door. Mark and drill mortice.
- Ease out mortice cavity where necessary.
- Insert lock in mortice and scribe around front plate for size of recess. Remove lock from mortice and scribe recess 4mm deep to receive front and cover plate. Cover plate must be flush with edge of door.

2. HOLDBACK CYLINDER

- Using a small flat screwdriver, lever out Cylinder Hole Plug where fitted and insert Cylinder.
- Secure Cylinder with Retainer Pin, ensuring pin is flush with frontplate.
- Install Cover Plate and secure with 2 M4 screws to body.

3. INSTALL DIGITAL LOCK AND FURNITURE

- Insert blade end of turn knob spindle into turn knob adaptor and cut turn knob spindle to length (19mm from Door Face). Insert spindle into digital lock drive gear with blade end facing out.
- Fit digital lock to outside door face, with turn knob spindle engaged in turn knob adaptor. Secure using either short or long mounting plate screw through cup washer and into top hole. Cut screw if required.
- Set lever handle furniture to suit hand of door by loosening stop plate and rotating lever handle to side required. Retighten stop plate screw.
- Insert spindle into lock. Insert furniture plate to inside door face with lever spindle engaged in hub. Secure using either short or long furniture mounting screws. Cut screws if required.

4. MOUNTING STRIKE

- Mark strike position in jamb edge directly opposite latch bolt. Mark out door frame for strike.
- Mortice door frame for strike box and strike. Soft recess to be 15mm Deep in door frame.
- Screw strike and strike box to door frame with two screws supplied.

Note: For fire door applications, keeppad must be fitted without rubber mounting pad.
3570 DX SERIES MECHANICAL DIGITAL LOCKS
MOUNTING INSTRUCTIONS

HOLES A
HOLES B
Ø10mm DIA
MARK & DRILL FROM BOTH SIDES

ENSURE LOCK IS REMOVED FROM MORTICE BEFORE DRILLING HOLES DO NOT DRILL HOLES RIGHT THROUGH DOOR TO PREVENT POSSIBLE DAMAGE TO DOOR FACE

THIS IS A COMMON TEMPLATE FOR 3570 SERIES ACCESS CONTROL LOCK BEFORE DRILLING HOLES, CHECK THAT THEY WILL SUIT LOCKSET TO BE FITTED.

HOLE G
FOR HOLDBACK CYLINDERS ONLY
2 HOLES 20mm DIA MARK & DRILL FROM INSIDE DOOR FACE ONLY THROUGH TO MORTICE

HOLE C
22.5mm DIA MARK & DRILL FROM INSIDE DOOR FACE ONLY THROUGH TO MORTICE

FOLD LINE ALONG EDGE OF DOOR 60mm BACKSET

7 HOLES
20mm DIA x 90mm DEEP (for 60mm backset)

FOLD LINE ALONG EDGE OF DOOR 60mm BACKSET

MORTICE CENTRELINE

HOLE D
22.5mm DIA MARK AND DRILL FROM INSIDE DOOR FACE ONLY THROUGH TO MORTICE

HOLE E
HOLE 3mm DIA MARK & DRILL FROM INSIDE DOOR FACE ONLY 25mm DEEP

ENSURE LOCK IS REMOVED FROM MORTICE BEFORE DRILLING HOLES DO NOT DRILL HOLES RIGHT THROUGH DOOR TO PREVENT POSSIBLE DAMAGE TO DOOR FACE

THIS IS A COMMON TEMPLATE FOR 3570 SERIES ACCESS CONTROL LOCK BEFORE DRILLING HOLES, CHECK THAT THEY WILL SUIT LOCKSET TO BE FITTED.

HOLE G
FOR HOLDBACK CYLINDERS ONLY
2 HOLES 20mm DIA MARK & DRILL FROM INSIDE DOOR FACE ONLY THROUGH TO MORTICE

HOLE C
22.5mm DIA MARK & DRILL FROM INSIDE DOOR FACE ONLY THROUGH TO MORTICE

HOLE D
22.5mm DIA MARK AND DRILL FROM INSIDE DOOR FACE ONLY THROUGH TO MORTICE

HOLE E
HOLE 3mm DIA MARK & DRILL FROM INSIDE DOOR FACE ONLY 25mm DEEP

EDGE X

60mm BACKSET

127mm BACKSET

89mm BACKSET

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ASSA ABLOY

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1. **STANDARD**
   Opened from outside by key or by entering correct code and rotating turn knob. On releasing turn knob the code is automatically cancelled. Open from inside by handle at all times.

2. **HOLD BACK CYLINDER**
   OPENED FROM OUTSIDE:
   By key or by entering correct code and rotating turn knob. On releasing turn knob the code is automatically cancelled. To apply HOLD - BACK insert key into interior cylinder and rotate one full turn, withdraw key.
   OPENED FROM INSIDE:
   By handle at all times.

3. **LOCKOUT CYLINDER**
   OPENED FROM OUTSIDE:
   By key or by entering correct code and rotating turn knob. By key only when digital function is isolated. Digital function is isolated by inserting key into interior cylinder and rotating one full turn in direction of red arrow. On releasing exterior turn knob the code is automatically cancelled.
   OPENED FROM INSIDE:
   By handle at all times.

4. **PREPARE DOOR FOR LOCKS**
   1. Establish height that lockset will be mounted on door and mark centreline of door thickness on door edge.
   2. Place Mortice Template on door and align centreline on template with centreline on door; Secure with sticky tape. Mark and drill mortice.
   3. Ease out mortice cavity where necessary. Clean out mortice before inserting lock.
   4. Insert lock in mortice and scribe around front plate for size of recess.
   5. Remove lock from mortice and chisel recess 4mm deep to receive front and cover plate. Cover plate must be flush with edge of door.
   6. Fold template and align EDGE X with the bottom of the cover plate recess on door edge.
   7. Mark and drill holes: A, B, C, D, E and F from both sides of door, if necessary drill hole G on inside door face.
   8. Place Lower Cylinder Retainer Plate in lock recess. Secure lock to door with woodscrews supplied.
   9. Install cover plate and secure with 2 M4 screws to lock body.

5. **HOLD-BACK CYLINDER**
   1. Using a small flat screwdriver, lever out Cylinder Hole Plug where fitted and insert Cylinder.
   2. Secure Cylinder with Retainer Pin, ensuring pin is flush with frontplate.
   3. Install Cover Plate and secure with 2 M4 screws to body.

6. **INSTALL DIGITAL LOCK, CYLINDER AND FURNITURE**
   1. Install Lower Cylinder Assembly from OUTSIDE. Secure using two cylinder mounting screws from from INSIDE.
   2. Orient cylinder and secure to cylinder mounting plate using M3 screws.
   3. Insert Blade end of turn knob spindle into turn knob adaptor and cut turn knob spindle to length (22mm from Door Face). Insert spindle into digital lock drive gear with blade end facing out.
   4. Fill digital lock to mounting plate and install assembly to outside door face with turn knob spindle engaged in turn knob adaptor. Secure using either short or long mounting plate screw through cup washer and into top hole.
   5. Set lever handle furniture to suit hand of door by loosening stop plate and rotating lever handle to side required. Retighten stop plate screw.
   6. Insert spindle into lock. Insert furniture plate to inside door face with lever spindle engaged in hub. Secure using either short or long furniture mounting screws. Cut screws if required.

7. **MOUNTING STRIKE**
   1. Mark strike position in jamb edge directly opposite latch bolt. Mark out door frame for strike.
   2. Mortice door frame for strike box and strike. Bolt recess to be 15mm Deep in door frame.
   3. Screw strike and strike box to door frame with two screws supplied.

   Note: For Fire door applications, keypad must be fitted without rubber mounting pad.
MOUNTING INSTRUCTIONS

3570 DX SERIES KEY OVERRIDE MECHANICAL DIGITAL LOCKS

HOLE A
Ø10mm DIA
MARK & DRILL FROM BOTH SIDES

HOLE B
Ø10mm DIA
MARK & DRILL FROM BOTH SIDES

ENSURE LOCK IS REMOVED FROM MORTICE BEFORE DRILLING HOLES
DO NOT DRILL HOLES RIGHT THROUGH DOOR TO PREVENT POSSIBLE DAMAGE TO DOOR FACE

THIS IS A COMMON TEMPLATE FOR 3570 SERIES KEY OVERRIDE
ACCESS CONTROL LOCK BEFORE DRILLING HOLES, CHECK THAT THEY WILL SUIT LOCKSET TO BE FITTED.

HOLE C
22.5mm DIA
MARK & DRILL FROM OUTSIDE DOOR FACE ONLY

1 HOLE - 42mm DIA

HOLE D
4 HOLES - 12mm DIA

HOLE E
HOLE 10mm DIA
MARK & DRILL FROM BOTH SIDES

HOLE F
HOLE 10mm DIA
MARK & DRILL FROM BOTH SIDES

FOLD LINE ALONG EDGE OF DOOR 60mm BACKSET

FOLD LINE ALONG EDGE OF DOOR 89mm BACKSET

FOLD LINE ALONG EDGE OF DOOR 127mm BACKSET

7 HOLES
20mm DIA x 90mm DEEP
(for 60mm backset)

HOLE G
FOR HOLDBACK & LOCKOUT CYLINDERS ONLY
2 HOLES 20mm DIA
MARK & DRILL FROM INSIDE DOOR FACE ONLY THROUGH TO MORTICE

HOLE C
22.5mm DIA
MARK & DRILL FROM OUTSIDE DOOR FACE ONLY

1 HOLE - 42mm DIA

HOLE D
4 HOLES - 12mm DIA

HOLE E
HOLE 10mm DIA
MARK & DRILL FROM BOTH SIDES

HOLE F
HOLE 10mm DIA
MARK & DRILL FROM BOTH SIDES

FOLD LINE ALONG EDGE OF DOOR 60mm BACKSET

FOLD LINE ALONG EDGE OF DOOR 89mm BACKSET

FOLD LINE ALONG EDGE OF DOOR 127mm BACKSET

ENSURE LOCK IS REMOVED FROM MORTICE BEFORE DRILLING HOLES
DO NOT DRILL HOLES RIGHT THROUGH DOOR TO PREVENT POSSIBLE DAMAGE TO DOOR FACE

THIS IS A COMMON TEMPLATE FOR 3570 SERIES KEY OVERRIDE
ACCESS CONTROL LOCK BEFORE DRILLING HOLES, CHECK THAT THEY WILL SUIT LOCKSET TO BE FITTED.
All Lockwood 3580 Series Mechanical Digital Locks are to be mounted in accordance with these instructions.

**Important**: Before drilling door ensure correct hand is being installed.

**NOTE**: CASE DOES NOT need to be Opened, to change HAND or FUNCTION of LOCK.

### Type of Lock Operations

**Standard**
- Opened from outside by entering correct code and rotating turn knob. On releasing turn knob the code is automatically cancelled. Open from inside by handle at all times.

**Hold Back Cylinder**
- Opened from outside: By entering correct code and rotating turn knob. On releasing turn knob the code is automatically cancelled. To apply HOLD - BACK insert key into interior cylinder and rotate one full turn, withdraw key.
- Opened from inside: By handle at all times.

### Hand of Lock

**Bolt**
1. Determine hand of lock required from hand of door chart.
2. Rotate bolt head to suit latching direction.

### Prepare Door for Lock

1. Establish height that lockset will be on door and mark centreline of door thickness on door edge.
2. Cut cover plate window 156mm x 25.4mm with 3mm radii.
3. Place template in opening and drill 2 holes 4.5mm diameter and countersink 8.5mm diameter x 90°.
4. Drill appropriate holes to suit lockset to be fitted. Dimensions shown suit all functions. Note 23mm standard backset shown, others include 25.4mm, 30mm and 38mm.

### Install Digital Lock and Furniture

1. Insert blade end of turn knob spindle into turn knob adaptor and cut turn knob spindle to length (19mm from Door Face). Insert spindle into digital lock drive gear with blade end facing out.
2. Fit digital lock to outside door face, with turn knob spindle engaged in turn knob adaptor. Secure using either short or long mounting plate screw through cup washer and into top hole. Cut screw if required.
3. Rotate Furniture handle to desired hand.
4. Insert spindle into lock. Insert furniture plate to inside door face with lever spindle engaged in hub. Secure using furniture mounting screws. Bottom furniture screw to be located through mortice and into Furniture Mounting Nut.

**NOTE**: All SCREWS to be cut flush with door face.

### Prepare Lock

1. Fit Lock to Door
   1. Insert lock into door and secure with 2 screws.

2. Installing Cover Plate
   1. Using a small flat screwdriver, lever out Cylinder Hole Plug where fitted and insert cylinder.
   2. Secure cylinder with Retainer Pin, ensuring pin is flush with front plate.
   3. Install Cover plate and secure with 2 screws.

3. Hold Back Cylinder
   1. Insert Cover Plate and secure with 2 screws.
Disclaimer

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