



# Push Button Lock Product Guide

Electronic,  
mechanical and  
coded access control

# Door Handing Specifications

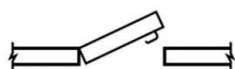


Many of the Simplex range are handed and cannot be changed in the field. The handing of the door must be determined and specified on ordering.

## **Determining the handing of your door for Push Button Locks:**

Stand in front of the door in its closed position from the exterior push button side. Right or left door handing is determined from the position of the hinge side of the door, hinges to the right then a right hand opening door, hinges to the left a left hand opening door.

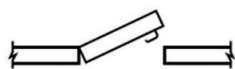
## **Use the diagram below to help you determine the handing of your door:**



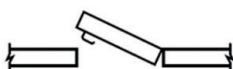
Left Hand Door  
(Exterior side)



Right Hand Door  
(Exterior side)



Left Hand Reverse Bolt  
(Exterior side)



Right Hand Reverse Bolt  
(Exterior side)

Please quote your Door Handing specifications when ordering.

Visit our website for all dormakaba downloads, assistance, manuals, code change/ lost code assistance, exploded views and more.

[www.dormakaba.co.uk](http://www.dormakaba.co.uk)

# Electronic: The E-Plex® Range E-plex 2000



## Lever operated lock

### Features:

- Up to 100 user codes
- PIN access
- Lock is easily programmed via keypad without removing lock from the door - or with E-plex standard software
- Non-handed / field reversible
- Key override with black cap- optional, allows entry by key which overrides keypad
- Passage- can be toggled on/off or can be pre-programmed to relock after a certain number of hours (non-Powerstar™)
- Lockout- Anti tamper function
- Service Codes
- 1000 event audit trail (software needed)
- Pextra and expert key override cylinder available as an option extra

### Locking Device Options:

- Cylindrical latch
- ASM- Mortise option
- Exit device option please visit [www.dormakaba.co.uk](http://www.dormakaba.co.uk) for up-to-date list of exit devices

### Door thickness:

- 35 - 64 mm; pre-assembled to accommodate doors 41 - 50 mm

### Powerplex Option:

- Powerplex based on the Powerstar technology, utilizes new capacitor technology to store power longer and more efficiently, pressing the first button of your code charges the lock
- No batteries to replace saves money and helps the environment
- Provides lower cost of ownership- no ongoing costs
- Environmentally friendly
- Easy to install, use and maintain

### Certification & Standards:

- American with Disabilities Act (ADA)
- 31 degrees F (-35 degrees C) to 151 degrees R (66 degrees C)
- 3 Year warranty
- FD60 when fitted with dormakaba Intumescent Kit, supplied separately.

### Finishes:



Satin  
Chrome



Bright  
Brass

# Electronic: The E-Plex® Range E-plex 5000



## Lever operated lock

### Features:

- Users- 100 codes; upgradable to 300 codes with optional software
- PIN access
- Locks are programmed via keypad or with optional Microsoft Excel based software
- Non-handed; pre-assembled for left hand door installations- easily changed in the field
- Key override allows entry by key which overrides keypad
- Passage- can be toggled on/off or can be pre-programmed to re-lock after a certain number of hours
- Lockout- Anti tamper function
- Audit trail 3000 events
- Pextra and expert key override cylinder available as an option extra

### Locking Device Options:

- Cylindrical: Cylindrical latch
- Rim Exit Device
- American Standard Mortise: with and without deadbolt
- Entry/ Exit
- Stand-Alone Access Controller
- Exit device option- please visit [www.dormakaba.co.uk](http://www.dormakaba.co.uk) for up-to-date list of exit devices

### Door thickness:

- Cylindrical Model: 35 - 50 mm; pre-assembled to accommodate doors 41 - 50 mm; hardware kits included for thin and thick doors

### Models Available:

- 5200- 3000- access codes/ E-Plex Advanced Access Control Software
- 5600- access codes/ E-Plex Advanced Control software, MIFARE, DESFIRE, iClass
- 5700- 3000 access codes/ E-Plex Advanced Access Control Software, HID Prox
- 5800- 3000 access codes/ FIPS software
- 5900- card- connected lock/ CoreStreet enabled /supports DESFire or MIFARE

### Certification & Standards:

- Americans with Disabilities Act (ADA)
- 3- hour, UL/ULC fire door rating for "A" labeled doors
- ASNI/BHMA A 156.2, Grade 1 Certification
- Environmental
  - Indoor/ Outdoor Approved
  - Front Housing: -31° F (-35° C) to +151° F (66° C)
  - Rear Housing: -31° F (-35° C) to +130° F (55° C)
- 3 Year warranty
- FD60 when fitted with dormakaba Intumescent Kit.

### Finishes:



# Mechanical: The Simplex® Range Simplex 1000



## Knob operated lock

### Features:

- Single access code- one easy to manage code for all users
- Lock is easily programmed via keypad without removing lock from the door
- Factory- handed for left hand doors; easily field reversible
- Key Override\*- allows entry by key which overrides keypad
- Passage \*- allows access without using the lock entry code. Feature activated from the inside with a thumbturn or key (included with all passage feature models)
- Back to back lock\*- keypad on internal and external side of the door. Access code required for entry and exit.
- Tested to 1 million cycles
- No batteries
- Locking device: cylindrical

### Door thickness:

- 41 - 48 mm Factory supplied
- 31 - 38 mm Field changeable
- 51 - 57 mm Field changeable

### Models Available:

- 1011- Combination entry
- 1021- Combination entry, key override (cylinder not included)
- 1031- Combination entry, passage
- 1041- Combination entry, key override (cylinder not included)

### Other Options:

- EE1000- Back to Back version

### Certification & Standards:

- Weather resistant
- 3 Year warranty
- FD60 when fitted with dormakaba Intumescent Kit supplied separately.

### Finishes:



Satin  
Chrome

Bright  
Brass

Bright  
Chrome

Antique  
Brass

# Mechanical: The Simplex® Range Simplex L1000



## Lever operated lock

### Features:

- Single access code - one easy to manage code for all users
- Lock is easily programmed via keypad without removing lock from the door
- Factory- handed; not field reversible
- Key Override\* - allows entry by key which overrides keypad
- Passage \*- allows access without using the access code. Feature activated from the inside with a thumbturn or key (included with all passage feature models)
- Tested to 1 million cycles
- No batteries
- Locking Device Options: Cylindrical
- Lever Handle

### Door thickness:

- 41 - 48 mm Factory supplied
- 31 - 38 mm Field changeable
- 51 - 57 mm Field changeable

### Exit device compatibility for LP1000:

- |  |  |
|--|--|
| • Black & Decker (K-12)                        | F-XX-V*,   |
| • QED111/112                                   | 18-V*, F-18-V*, F-XX-V*, 11-R*, 11-V*            |
| • Cal Royal 5000/F5000                         |  |
| • Detex Advantex Series 10, 20, 21, 40, 50, 51 | • Von Duprin 22, 88 NL, 98, 99, 900, 2227, 9827, |
| • Detex 10/F10 Series                          | • 9847, 9847 WDC, 9848,                          |
| • Dorex 8500R/8500F                            | • 9857, 9927, 9947, 9947,                        |
| • Dorex 9500PR/9500FR                          | • WDC, 9948, 9957, 90027,                        |
| • Dorma 9100, 9300                             | • 90047 WDC, 90057                               |
| • Monarch XX-R*, FXX-R, 18-R*,                 | • *(requires special K-Hub Adapter Kit)          |
| • F-18-R*, 17-R, F-17-R, XX-V*,                |  |

### Models Available:

- L1011- Combination entry
- L1021- Combination entry, key override (cylinder not included)
- L1031- Combination entry, passage
- L1041- Combination entry, key override, passage (cylinder not included)
- L1076- Combination entry, key override, lockout (special order)

### Other Options:

- LP1000- Panic function lock

### Certification & Standards:

- Weather resistant
- 3 Year warranty
- FD60 when fitted with dormakaba Intumescent Kit supplied separately.

### Finishes:



# Mechanical: The Simplex® Range Simplex 3000



## Narrow Style lock

### Features:

- Single access code- one easy to manage code for all users
- Lock is easily programmed via keypad without removing lock from the door
- Non - handed, required drive assembly plate
- Drive assembly plate is factory handed
- Key Override\*- allows entry by key which overrides keypad
- Passage\*- allows access without using the access code. Feature activated from the outside using cylinder override key
- Lockout- disables the lock so that access codes cannot be used to gain access. Access is permitted using the key override only. This is activated from the outside using the cylinder override key
- No batteries
- Locking Device Options: Mortise: Adams Rite 4510/4710/4910 mortise latch (not supplied)
- Fits narrow stile aluminium glass doors
- Cylinder type: screw-in cylinder

### Door thickness:

- 44 mm maximum

### Drive plate options:

- 25 mm- Back-set/Handing Right Hand or Right Hand Reverse
- 25 mm- Back-set/Handing Left Hand or Left Hand Reverse
- 29 mm- Back-set/Handing Right Hand or Right Hand Reverse
- 29 mm) Back-set/Handing Left Hand or Left Hand Reverse

### Certification & Standards:

- Weather resistant
- 1 year warranty

### Finishes:



Satin  
Chrome



# Mechanical: The Simplex® Range Simplex 5000



## Lever operated lock

### Features:

- Single access code- one easy to manage code for all users
- Lock is easily programmed via keypad without removing lock from the door
- Non - handed, pre-assembled for left-hand door installations- easily changed in the field
- Key override allows entry by key which overrides keypad,
- Passage \*- allows access without using the access code. Feature activated from the inside with a thumbturn or key (included with all passage feature models)
- No batteries

### Locking Device Options:

- Cylindrical latch
- Rim Exit Device: compatible with a wide range of Exit Devices
- Available with Pextra & Expert/ quattro pluS inserts to enable keying to master plans or existing codes

### Door thickness:

- 41 - 48 mm - Factory fitted
- 31 - 38 mm - Field changeable
- 51 - 57 mm - Field changeable

### Finishes:

Satin  
Chrome

Duradonic



Black

Satin  
BrassDark  
Bronze

### Models Available:

- 5021- Cylindrical lock
- 5031- Cylindrical lock, Interior combination change
- 5041- Cylindrical lock/ Passage
- 5051- Cylindrical lock/ Passage, Interior combination change

### Certification & Standards:

- American with Disabilities Act (ADA)
- Weather resistant
- 3 Year warranty
- FD60 when fitted with dormakaba Intumescent Kit supplied separately.

### Exit device compatibility for 5000:

- |                          |                               |
|--------------------------|-------------------------------|
| • Arrow S1250 Dorex      | Duprin XP98/99                |
| 8500R/8500F Sargent 8888 | • Corbin Russwin ED5200/5200A |
| • Arrow S3883F/          | Sargent 2828 Yale             |
| S3800 Dorex              | YME2100/2100                  |
| 9500PR/9500FR            | • Detex 1001 BP1              |
| Von Duprin 22/22F        | Sargent 3828 Yale             |
| • Black & Decker (K-2)   | 7100                          |
| QED111/112 Dorma         | • Detex 10/F10                |
| 9300/F9300 Von           | Series Sargent                |
| Duprin 98/98F            | 8810E/8800                    |
| • Cal Royal 9800         | • *(requires special          |
| Monarch 18R*,            | K-Hub Adapter)                |
| F18R* Von Duprin         |                               |
| 99/99F                   |                               |
| • Cal Royal 2200 Pre-    |                               |
| cision 21/FL21 Von       |                               |

ATTENTION: Compatibility is subject to change if modifications are made by Exit Device manufacturers without dormakaba's knowledge.



# Mechanical: The Simplex® Range Simplex 7100



## Thumb turn operated lock

### Features:

- Single access code- one easy to manage code for all users
- Lock is easily programmed via keypad without removing lock from the door
- Handing field set
- Latch hold back (7106 models only)
- No batteries

### Locking Device Options\*:

- Deadbolt- must be manually relocked
- Deadlocking latch- relocks automatically when door closes
- Rim locking latch- relocks automatically when door closes

### Door thickness:

- 35 - 57 mm - wood or metal

### Models Available:

- 7102, 7108- Deadbolt: Auxiliary Lock, Manual relock, 25 mm throw, flat front
- 7104- Deadlocking latch: Primary or Auxiliary Lock, Automatic relock, 13mm throw, flat front
- 7106- Rim Deadlocking Latch: Auxiliary Lock, Automatic relock, for wood doors only, 16 mm throw

### Certification & Standards:

- Weather resistant
- 1 Year warranty
- FD30 when fitted with dormakaba Intumescent Kit (does not apply to 7106)

### Finishes:



Satin  
Chrome



Bright  
Brass



Bright  
Chrome



Antique  
Brass

# Mechanical: The Simplex® Range 900 Series



## Thumb turn operated lock

### Features:

- Single access code- one easy to manage code for all users
- Lock is easily programmed without removing lock from the door
- Factory handed for left hand doors, easily field reversible; invert the lock for the right hand doors; Roman numerals are easily read in either orientation
- Latch hold-back keeps latch retracted to allow access without combination

### Locking Device Options:

- Deadbolt- 25 mm, flat faceplate throw, manual relock, key override (select models)
- Deadlocking Latch- 16 mm throw, flat faceplate, automatic relocking, key override (select models)

### Door thickness:

- 35 - 38 mm
- 44 - 54 mm
- Model 929: Lockset for D.O.D. standards, 44 - 54 mm only
- Model 927: Lockset for D.O.D. standards, 35 - 38 mm only

### Models Available:

- 902, 904, 906, 910- Deadbolt
- 917, 919, 935, 938- Deadlocking latch
- 927, 929- Security Lock (special order)

### Certification & Standards:

- Weather resistant
- 1 Year warranty

### Finishes:



Satin  
Chrome



Bright  
Brass

# Mechanical: The Simplex® Range LD470



## Lever operated lock

### Features:

- Single access code- one easy to manage code for all users
- Lock is easily programmed once the keypad has been removed from the door
- Pre-assembled for the right hand door installations (field reversible)
- Locking device options: tubular latch
- Resistant to code manipulation
- No batteries

### Door thickness:

- 35 - 64 mm

### Models Available:

- LD470 - with passage and flat lever only

### Certification & Standards:

- 1 Year warranty

### Finishes:



Satin  
Chrome

# Mechanical: The Simplex® Range LD450



## Thumb turn operated lock

### Features:

- Single access code- one easy to manage code for all users
- Lock is easily programmed once the keypad has been removed from the door
- Locking device options: tubular latch
- Resistant to code manipulation
- No batteries

### Door thickness:

- 35 - 64 mm

### Models Available:

- LD450 - with latch hold-back and octagonal knob only

### Certification & Standards:

- 1 Year warranty

### Finishes:



Satin  
Chrome



Bright  
Brass