

Fitting Instructions

The Digital Combination Lock can be fitted to cupboards, cabinets and lockers etc as a direct replacement for existing cam locks or for the Lowe & Fletcher 3751 Digital Combination Lock. It can also be easily fitted to cupboards and cabinets that do not have an existing locking device.

Special Notes

Before installing the Digital Combination Lock, load the batteries and familiarise yourself with the operation and programming.
Unless manufactured to special order, the lock is supplied in the "PRIVATE" operating mode.
In this mode, the user must enter a four-digit User Code to open it. The unit will re-lock itself after four seconds. The lock can be opened at any time using the Master Code.
Unless manufactured to special order, the default **Master Code is 11 33 55 77** and the default **User Code is 22 44**.
These codes are common to all standard locks and it is very important that you set your own personal Master and User Codes.
Your lock is not secure until you have changed the default Master Code and User Code.
Keep a safe record of your master code as it is not possible to make any programming changes without it.
Please see programming guide to set your own codes.

Installation Guide

IMPORTANT NOTES

The 3780 lock can be fitted with two or three screws. Always use the screw position "A" behind the logo button. Use either of the other two positions "B" & "C" or both if preferred.
Before drilling fixing holes, please ensure that the position of the Digital Combination Lock when fitted will allow clearance for selected cam to work.
ENSURE BATTERIES ARE CORRECTLY FITTED BEFORE FIXING LOCK

A) New Installation

- Step 1** Place template on door and mark TWO 4.5mm (3/16") holes (refer to installation diagrams). Use hole position "A" and either of positions "B" & "C". Mark ONE 16mm (5/8") hole (position "D").
- Step 2** Drill both fixing holes and the 16mm clearance hole.
- Step 3** Fit the Digital Combination Lock to the door by passing the spindle through the 16mm (5/8") hole.
- Step 4** Fit at least two fixing bolts to suit your door thickness.
- Step 5** Tighten the upper and lower bolt.
- Step 6** Select the cam which suits your door and frame and attach it to the square shaft at the end of the spindle using a M4 x 8 screw and domed spring washer.
- Step 7** Now check the operation of the lock using the factory User Code 22 44.
- Step 8** If the lock is functioning correctly, CHANGE THE DEFAULT MASTER CODE 11 33 55 77 and DEFAULT USER CODE 22 44 and program the lock using the programming and operating instructions enclosed.

B) Replacing existing cam lock with the 3780 Digital Combination Lock

- Step 1** Remove existing cam lock.
- Step 2** Place installation template on door over hole left by cam lock (position "D") and mark TWO 4.5mm (3/16") holes (refer to installation diagrams). Use hole position "A" and either of positions "B" & "C".
- Step 3** Drill the two 4.5mm (3/16") fixing holes.
- Step 4** Continue installation from step 3 to 8, above.

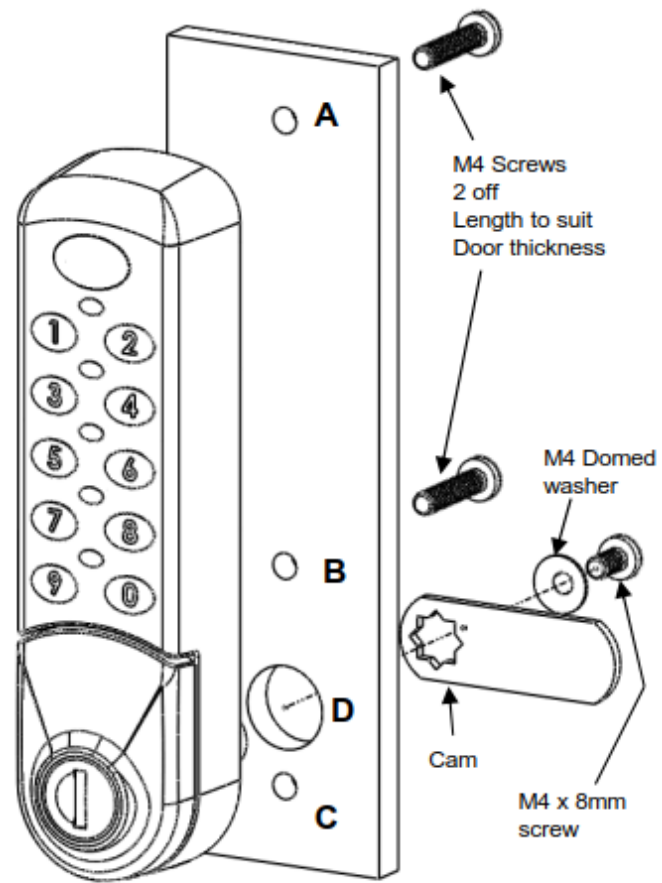
B) Replacing existing L&F 3751 Digital Combination Lock with the 3780 Digital Combination Lock

- Step 1** Remove existing electronic lock.
- Step 2** Place installation template on door over the 16mm (5/8") hole left by digital lock in position "D" and the 4.5mm hole in position "A". Mark ONE additional 4.5mm (3/16") hole (refer to installation diagrams). Use either of positions "B" & "C".
- Step 3** Drill the 4.5mm (3/16") fixing hole.
- Step 4** Continue installation from step 3 to 8, above.

**3780 Digital Combination Lock
INSTALLATION INSTRUCTIONS**

IMPORTANT NOTE:
Before drilling fixing holes, please ensure that the position of the Digital Combination Lock when fitted will allow clearance for the cam to function.

The installation template may be found on the rear of this sheet and on the bottom of the carton in which your lock was packaged.



HOLES A, B & C DIAMETER 4.5 / 5.0mm
HOLE D DIAMETER 16.0 / 16.5mm
ALWAYS USE FIXING HOLE A
USE EITHER OR BOTH OF HOLES B & C

PUBLIC MODE

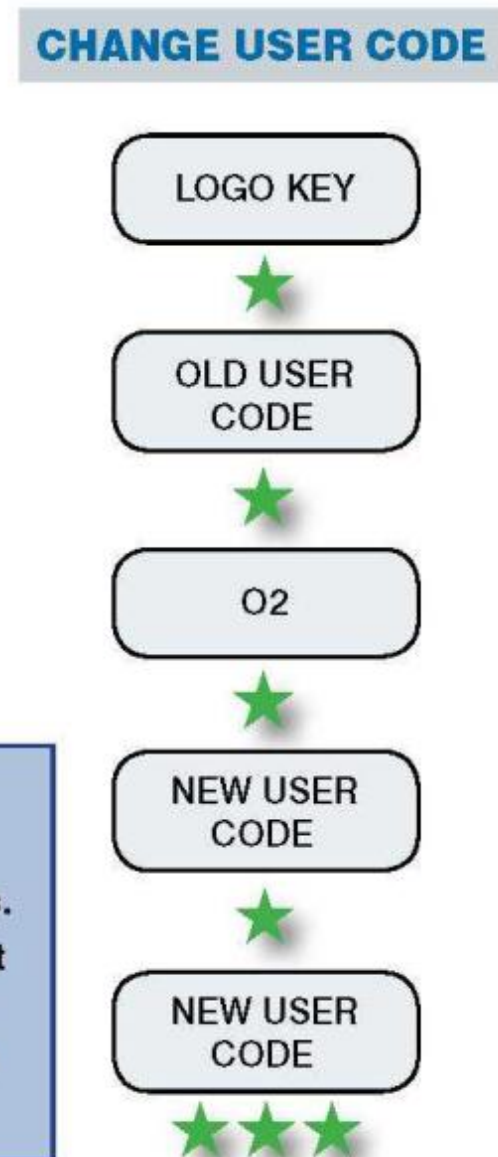


ERROR

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Errors will time-out after 10 seconds.
Unfinished instructions will time-out after 10 seconds.
Always wait for LED lights to finish before pressing next key.

PRIVATE MODE



| <u>FUNCTION</u> | <u>MODE</u> | | <u>KEY SEQUENCE</u> | | | <u>NOTES</u> |
|--|---------------|----------------|--------------------------|-----------|-------------------------------------|---|
| | <u>PUBLIC</u> | <u>PRIVATE</u> | | | | |
| <u>MASTER CODE FUNCTIONS</u> | | | | | | |
| CHANGE MASTER CODE | ✓ | ✓ | [logo] [Old Master Code] | 01 | [New Master Code] [New Master Code] | MASTER CODE IS EIGHT DIGITS . |
| CHANGE USER CODE | | ✓ | [logo] [Master Code] | 02 | [New User Code] | USER CODE IS FOUR OR SIX DIGITS . (FOUR DEFAULT) |
| DELETE USER CODE | ✓ | | [Master Code] | | | OPENS LOCK AND DELETES USER CODE |
| SET / CHANGE SUB-MASTER CODE | ✓ | ✓ | [logo] [Master Code] | 03 | [New Sub-Master Code] | SUB-MASTER CODE IS SIX DIGITS |
| DELETE SUB-MASTER CODE | ✓ | ✓ | [logo] [Master Code] | 07 | | DELETES SUB-MASTER CODE |
| OPEN LOCK | ✓ | ✓ | [Master Code] | | | DELETES USER CODE IN PUBLIC MODE |
| CLOSE LOCK | | AUTO | | | | RE-LOCKS AUTOMATICALLY AFTER 4 SECONDS |
| SET PUBLIC MODE (FOUR DIGIT CODES) | | ✓ | [logo] [Master Code] | 08 | | DELETES ALL EXISTING USER CODES |
| SET PRIVATE MODE (FOUR DIGIT CODES) | ✓ | | [logo] [Master Code] | 09 | [New User Code] | DELETES ALL EXISTING USER CODES |
| SET TECHNICIAN MODE | ✓ | | [logo] [Master Code] | 10 | [New Technician Code] | TECHNICIAN CODE IS SIX DIGITS |
| REMOVE TECHNICIAN MODE | ✓ | | [logo] [Master Code] | 11 | | DELETES TECHNICIAN CODE |
| SET AUDIBLE BUTTONS ON | ✓ | ✓ | [logo] [Master Code] | 12 | | UNIT WILL BEEP ON EACH BUTTON PRESS |
| SET AUDIBLE BUTTONS OFF | ✓ | ✓ | [logo] [Master Code] | 13 | | UNIT WILL OPERATE SILENTLY |
| SET ALARM MODE ON & SET TIME | | ✓ | [logo] [Master Code] | 14 | [Time Code] | SWITCHED VERSION ONLY. SEE NOTES ON TIMERS BELOW. |
| SET ALARM MODE OFF | | ✓ | [logo] [Master Code] | 15 | | SWITCHED VERSION ONLY. |
| SET AUTO-TIMED UNLOCK ON & SET TIME | ✓ | | [logo] [Master Code] | 16 | [Time Code] | SEE NOTES ON TIMERS BELOW. |
| SET AUTO-TIMED UNLOCK OFF | ✓ | | [logo] [Master Code] | 17 | | UNIT WILL NOT OPEN AUTOMATICALLY |
| SET COIN LOCK MODE ON | ✓ | | [logo] [Master Code] | 18 | | SWITCHED VERSION ONLY. |
| SET COIN LOCK MODE OFF | ✓ | | [logo] [Master Code] | 19 | | SWITCHED VERSION ONLY. |
| SET REMOTE ALLOCATION MODE | ✓ | ✓ | [logo] [Master Code] | 20 | | CAN ONLY BE USED WITH ON-LINE SOFTWARE |
| SET SINGLE USER CODE ENTRY MODE | ✓ | | [logo] [Master Code] | 21 | | TO LOCK, USER CODE WILL BE ENTERED ONCE |
| SET DOUBLE USER CODE ENTRY MODE | ✓ | | [logo] [Master Code] | 22 | | TO LOCK, USER CODE WILL BE ENTERED TWICE |
| SET PUBLIC MODE (SIX DIGIT CODES) | | ✓ | [logo] [Master Code] | 23 | | DELETES ALL EXISTING USER CODES |
| SET PRIVATE MODE (SIX DIGIT CODES) | ✓ | | [logo] [Master Code] | 24 | | DELETES ALL EXISTING USER CODES |
| <u>SUB-MASTER CODE FUNCTIONS</u> | | | | | | |
| CHANGE USER CODE | | ✓ | [logo] [Sub-Master Code] | 02 | [New User Code] | USER CODE IS FOUR OR SIX DIGITS . (FOUR DEFAULT) |
| CHANGE SUB MASTER CODE | ✓ | ✓ | [logo] [Sub-Master Code] | 03 | [New Sub-Master Code] | SUB-MASTER CODE IS SIX DIGITS . |
| DELETE USER CODE | ✓ | | [Sub-Master Code] | | | OPENS LOCK AND DELETES USER CODE |
| OPEN LOCK | ✓ | ✓ | [Sub-Master Code] | | | DELETES USER CODE IN PUBLIC MODE |
| CLOSE LOCK | | AUTO | | | | RE-LOCKS AUTOMATICALLY AFTER 4 SECONDS |

USER CODE FUNCTIONS

| | | | | |
|------------------|---|------|--|--|
| CHANGE USER CODE | | ✓ | [logo] [Old User Code] 02 [New User Code] [New User Code] | USER CODE IS FOUR DIGITS . |
| OPEN LOCK | ✓ | ✓ | [User Code] | |
| CLOSE LOCK | ✓ | | [User Code] | WHEN SINGLE USER CODE ENTRY MODE IS SET |
| CLOSE LOCK | ✓ | | [User Code] [User Code] | WHEN DOUBLE USER CODE ENTRY MODE IS SET |
| CLOSE LOCK | | AUTO | | RE-LOCKS AUTOMATICALLY AFTER 4 SECONDS |

TECHNICIAN CODE FUNCTIONS

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|------------|---|------|-------------------|--|
| OPEN LOCK | ✓ | | [Technician Code] | DOES NOT DELETE USER CODE |
| CLOSE LOCK | | AUTO | | RE-LOCKS AUTOMATICALLY AFTER 4 SECONDS |

FUNCTIONS AVAILABLE TO ALL CODES

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|---------------|---|---|---------------|--------------------------------------|
| BATTERY CHECK | ✓ | ✓ | [logo] [logo] | REPLACE BATTERIES IF RED LIGHT SHOWS |
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NOTES

ALL ACCEPTABLE BUTTON PRESSES ARE SIGNIFIED BY A GREEN LIGHT.

INCOMPLETE FUNCTIONS "TIME-OUT" AFTER 4 SECONDS.

ERRORS AND "TIME-OUTS" ARE SIGNIFIED BY FLASHING RED LIGHT.

FOLLOWING AN ERROR OR "TIME-OUT", UNIT REVERTS TO PREVIOUS SETTINGS.

TIME CODES ARE 3-DIGIT CODES CORRESPONDING TO THE NUMBER OF MINUTES.

TIMER FUNCTIONS - TIME CODE EXAMPLES

TIME CODE **001** 1 MIN
 TIME CODE **010** 10 MINS
 TIME CODE **030** 1/2 HR
 TIME CODE **060** 1 HR
 TIME CODE **480** 8 HRS
 TIME CODE **720** 12 HRS
 TIME CODE **999** 16 HRS 39 MINS (MAXIMUM)

ALL TIMES ARE APPROXIMATE +/- 5%

BATTERY CONDITION INDICATOR

FOUR GREEN LIGHTS - EXCELLENT
 THREE GREEN LIGHTS - VERY GOOD
 TWO GREEN LIGHTS - GOOD
 ONE GREEN LIGHT - LOW

RED LIGHT - CHANGE BATTERIES AS SOON AS POSSIBLE

FLASHING RED LIGHT PRIOR TO LOCK OR UNLOCK INDICATES LOW BATTERY VOLTAGE CHANGE BATTERIES AS SOON AS POSSIBLE

MASTER CODE (8 digits)

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SUB-MASTER CODE (6 digits) (No Default)

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USER CODE (4 OR 6 digits)

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|--|--|--|--|--|--|

**ENSURE THAT YOU CHANGE THE DEFAULT MASTER CODE TO YOUR OWN MASTER CODE AND KEEP A SAFE RECORD
 IT IS NOT POSSIBLE TO PROGRAM THE LOCK WITHOUT IT**