Dimensions

98mm (3$^7/_8$")
or 108mm (4$^1/_4$")

70mm (2$^3/_4$")

193mm (7$^5/_8$")
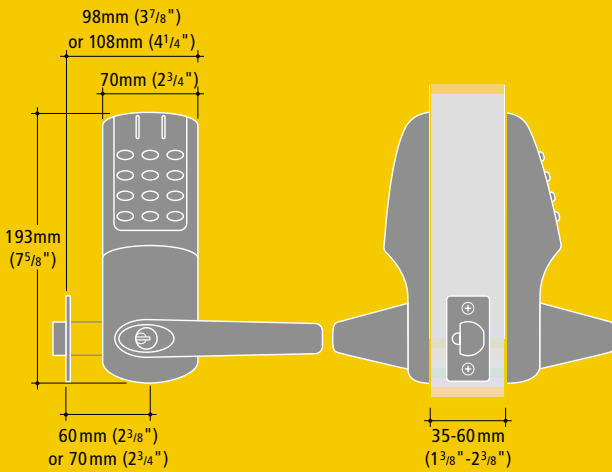
60mm (2$^3/_8$")
or 70mm (2$^3/_4$")

35-60mm (1$^3/_8$"-2$^3/_8$")

- Weather resistant external housing
- Reversible - fits left and right hand doors
- Mechanical key override as standard
- Supplied with deadlocking tubular mortice latch

At the heart of the Codelock 5000 is the **Piezo clutch mechanism**, which provides:

- **Over 500,000* operations** from 4 x AA cells **
- **Durability** – Tested to over 1,000,000 cycles @ 2.4Nm
- **Reliability** – solid state with low component count

* Typical lock using motor clutch mechanism provides 80,000 operations

** 4 x 1.5v AA cells @ 2,900 mAh

Features
- 500,000 operations from 4 x AA batteries (included)
- Non-volatile memory keeps settings if batteries are removed
- Connections for release by remote switch
- Connections for automatic lock activation (30 mins) when linked to Fire alarm system
- Time out penalty with audible alarm after 3 incorrect code entries
- Low battery warning
- Code free entry mode mechanically by key
- Code free entry mode electronically via keypad

Programming
- Easy, quick programming via master code allowing up to 90 different user codes which can be 4, 5 or 6 digits long
- Primary programmes allowing the ability to:
  - Enter User Code and suspend or restore **individual** user code
  - Suspend or restore **all** user codes
  - Activate code free mode
  - Change Master Code

CODELOCKS
control + convenience

PIEZO power

CODELOCKS
control + convenience

PROGRAMMING & OPERATING instructions

CODELOCK 5000

ELECTRONIC

PIEZO power

- ☐ The lock memory will store 90 different User Codes, each identified by a User Code ID - 01 to 90.
- ☐ A new code will be rejected if it is already in the memory.
- ☐ Codes may be 4, 5 or 6 digits long.
- ☐ The length of the Master Code determines the length of the User Codes.
- ☐ The lock is delivered with the factory set Master Code #1234
- ☐ You are advised to change the Master Code immediately after installation – (see Program 10)
- ☐ The Master Code always has the # prefix
- ☐ When in Programming Mode a Program Code must be entered within 5 seconds, otherwise the lock will revert to normal.
- ☐ The ∗ may be used at any time to clear a wrong entry and revert to normal.
- ☐ If the Master Code is changed to another of the same length then all the User Codes will be **retained.**
- ☐ If the Master Code is changed to one of a different length then all the User Codes will be **deleted.**

OPERATING INSTRUCTIONS

UNLOCK TIME The factory pre-set UNLOCK time is 4 seconds. This may be changed – (see Program 06).

PENALTY TIME Entering 3 incorrect User Codes will cause the lock to suspend activity for a penalty time of 10 seconds.

CODE FREE MODE If Code Free Mode is required on a regular basis then it is advisable to set it mechanically by key, as follows: Turn the key clockwise 90 degrees, return it to the horizontal and remove it. The lever handle should now retract the latch without using a code.
To reset the lock to Normal Mode turn the key 90 degrees anti-clockwise, return to horizontal and remove it. The lever handle will not now retract the latch without first entering a valid code. **Note** that Program 08 may be used to set the lock into Code Free Mode. If left in this Code Free Access Mode electronically, the lock can remain so for up to 18 months.

REVERTING TO FACTORY SETTING If the Master Code is not known the lock memory can be cleared and made to revert to the factory Master Code as follows:
1 Remove one battery
2 Press and hold the '0' button, replace the battery, the Blue LED will flash twice, beep will sound twice, then release the '0' button.
3 Within 3 seconds press the '*' button 3 times and the Blue LED will flash twice. The lock will have reverted to the factory set Master Code, #1234, and all other settings will be erased.

REMOTE RELEASE OPTION The lock has 2 sets of terminals for remote release, labelled REM 1 and REM 2 on the printed circuit board in the front housing. Cables are provided with the lock for these connections.
REM 1 is intended for use where there is a need to allow a visitor to open the door after having been identified by intercom or by sight from within. REM 1 would be connected to a pushbutton on a reception desk, or to the appropriate button on an intercom. Pushing the button would cause the Blue LED to light and would release the lock for the normal set time.
REM 2 is intended for use where there is a need for the door to be released by an alarm system, such as a fire alarm. This enables emergency personnel to rapidly check that no one is trapped/overlooked in classrooms, wards, guest rooms, etc during an emergency evacuation, or during a fire drill. When activated by an alarm REM 2 will maintain the unlocked condition for 30 minutes. During this time the red LED will flash once every second to indicate the unlocked condition. The lock will automatically revert to normal after 30 minutes. If required Program 11 can be used to revert the lock to normal before the 30 minute period has finished.

BATTERY POWER The Codelock 5000 should provide well in excess of 500,000 openings, of 4 seconds each, from 4 x AA cells rated at 2,900 mAh.

LOW BATTERY When the battery power is low the Red LED will flash 5 times before the Blue LED flashes to signal acceptance of the code. Batteries should be changed as soon as this happens.

Program 01 ENTER NEW USER CODE
Master Code > ● 01 ● User Code ID (eg 05) > New Code (eg 4321) ●
Result = New code 4321 entered at User Code ID 05 ●

Program 02 SUSPEND USER CODE
Master Code > ● 02 ● > User Code ID (eg 05) ●
Result = User Code at ID 05 suspended ● ●

Program 03 RESTORE USER CODE
Master Code > ● 03 ● > User code ID (eg 05) ●
Result = User Code at ID 05 restored ●

Program 04 SUSPEND ALL USER CODES
Master Code > ● 04 ●
Result = All User Codes suspended ● ●

Program 05 RESTORE ALL USER CODES
Master Code > ● 05 ●
Result = All User Codes restored ●

Program 06 SET UNLOCK TIME
Master Code > ● 06 > ● enter open time (range 2 – 9 secs) ●
Result = After code entry the lock will unlock for the set time

Program 07 ONE TIME USER CODE
Master Code > ● 07 > ● enter one time code (eg 4321) ●
Result = User Code 4321 will only work once and then be removed from memory

Program 08 SET CODE FREE MODE
Master Code > ● 08 ●
Result = Lock will be continuously unlocked

Program 09 CANCEL CODE FREE MODE
Master Code > ● 09 ●
Result = Lock will revert to normal operation

Program 10 CHANGE MASTER CODE
Master Code > ● 10 > ● enter length of Master Code followed by new Master Code (eg 6-123456) > ● confirm length of Master code followed by new Master code (6-123456) ●
Result = Master Code now changed to #123456. **Note: If the length of the Master Code is changed then all previous User Codes will be deleted**

Program 11 CANCEL EMERGENCY OPEN MODE
Master Code > ● 11 ●
Result = The emergency unlocked condition via REM 2 will be cancelled and the lock will revert to normal operation

Program 12 DELETE ALL USER CODES
Master Code > ● 12 > ● 12 ● (7 secs)
Result = All User Codes will be cleared from the memory

● Code accepted
● Code rejected
● ● Code(s) valid but suspended