Electronic Combination Lock

Fitting Instructions

The Combination Lock can be fitted to:

A) Cupboards, combinations and lockers etc as a direct replacement for existing cam locks.

B) It can also be easily fitted to cupboards and combinations that do not have an existing locking device.

Special Notes

- Before installing the lock, load the batteries and familiarise yourself with the operation and programming.
- The handle will not turn until you enter the factory default **Master Code xx xx xx xx OR the default User Code 22 44**.
- Please see programming guide to set your own codes.

Installation Guide

A) Replacing existing cam lock with the Combination Lock

Step 1 Remove existing cam lock.
Step 2 Place template over hole left by cam lock and mark upper fixing hole.
Step 3 Drill the 6mm (¼") upper fixing hole.
Step 4 Fit the Combination Lock to the door by passing the spindle through the 16mm (⅝") hole.
Step 5 If required, from the inside of the door, pass either of the packing pieces over the spindle to centralise the lock.
Step 6 Now secure the lock by threading the large nut onto the spindle.
Step 7 Fit one of the upper fixing bolts to suit your door thickness.
Step 8 Tighten the lower fixing nut and upper bolt.
Step 9 Select the cam which suits your door and frame and attach it to the square shaft at the end of the spindle.
Step 10 Now check the operation of the lock using the factory User Code 22 44.
Step 11 If the lock is functioning correctly, CHANGE THE DEFAULT MASTER CODE **xx xx xx xx** and DEFAULT USER CODE 22 44 and program the lock using the programming and operating instructions enclosed.

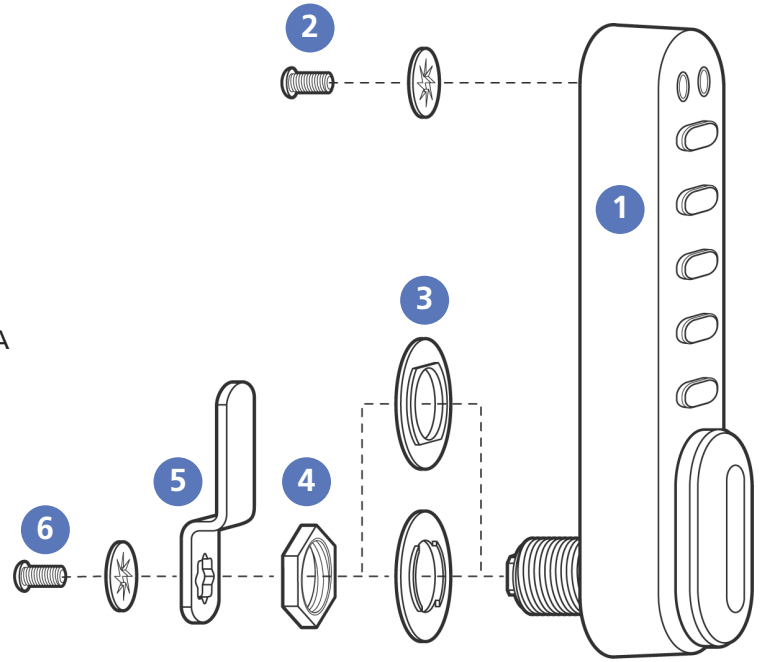
B) New Installation

Step 1 Place template on door and mark upper 6mm (¼") hole and lower 16mm (⅝") hole.

IMPORTANT NOTE: Before drilling fixing holes, please ensure that the position of the combination lock when fitted will allow clearance for selected cam to work.
Step 2 Drill both fixing holes.
Step 3 Continue installation from step 4 to 11, above.

1 Combination Lock
2 Upper fixing bolt x 2
3 Packer pieces x 2
4 Locking nut
5 Cams x 2
6 Cam fixing bolt

- Batteries – 2 x 1.5V AAA
- Template x 1



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Operating Instructions

Note: The Combination Lock has a 10 button keypad and a # button. The # button is hidden beneath the handle when in the locked position.

The lock has the following code levels:

Master Code can:
Open the lock.
Change the Master Code.
Set / Change / Delete the Sub-Master and User Code.
Select between repeated use and single use codes.

Sub-Master Code can:
Open the lock.
Change the Sub-Master.
Set / Change / Delete the User Code.

User Code can:
Open the lock.
Change the User Code.

A code cannot be programmed into more than one level

Lost Code Procedure

Note: The procedure requires the door to be open

- Remove the rear-fixing bolt and swing the lock over the edge of the door to reveal the battery compartment.
- Remove one battery.
- Press and hold the 1 button, replace the battery: the blue LED will flash twice. Release the button. Within three seconds press the 1 button three times. The blue LED will flash twice and the lock will have reverted to the factory master code xx xx xx xx and all other stored settings will be erased.

Penalty time

- Entering three incorrect codes will cause the lock into shutdown for 10 seconds

Battery Power

The Combination Lock should provide well in excess of 15,000 openings, of 4 seconds each, from 2 x AAA 1.5v cells.

Low Battery

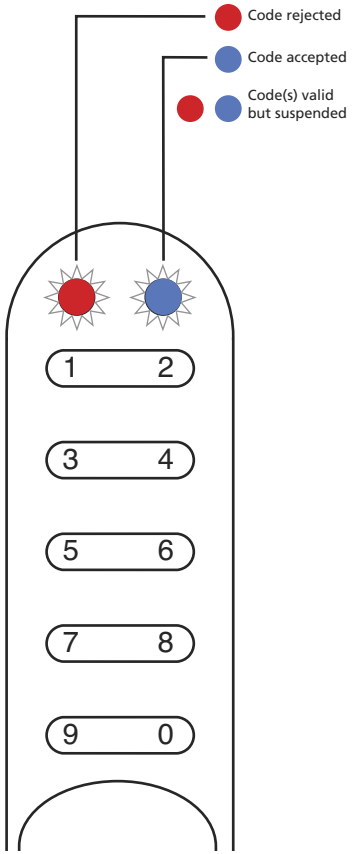
When the battery power is low the Red LED will flash 3 times before the Blue LED flashes to signal acceptance of the code. Batteries should be changed as soon as this happens. The lock will operate for 100 times with low battery.

Battery failure override

The Combination Lock has been designed so an external PP9 battery can be placed against the contact points surrounding the Blue and Red LEDs so the lock can be opened to replace the batteries should they fail.

The procedure is as follows:

- Place the contact points of the PP9 battery against the contact points surrounding the Blue and Red LEDs.
- The positive + PP9 terminal against the Red LED contact point and the – PP9 terminal against the Blue LED.
- Enter the Master Code.
- The motor will withdraw the locking pin allowing the lock to be opened.
- Fit new batteries by removing the upper fixing bolt and swinging the lock down over the edge of the door. Refit the lock.



CODES – The Basics

- The Combination Lock has three code levels available:
  i) Master Code
  ii) Sub-Master Code
  iii) User Code
- The Combination Lock is supplied with two factory set codes:
  Master Code: xx xx xx xx
  User Code: 22 44.
- When fitted immediately change the Master Code and User Code.
- All Master Codes and Sub-Master Codes are 8 digits long.
- All User Codes are 4 digits long.
- The lock open time is set at 4 seconds.

FUNCTIONS
Before programming select the most appropriate function for the application.

A) REPEATED USE
Important Note: This is the default function and is already pre-programmed in new locks.
This is the most common function and is used where the same code will be repeatedly used.

B) SINGLE USE
The User Enters a single use code which will lock and then open the lock once only and then be erased.
This function is used for short term, multi-occupancy applications e.g. a locker in a leisure centre.
To program – the lock must be in the open position with the # button visible. Every program command must commence by pressing the # button followed by the Master Code, sub-Master Code or User Code.
To select **B)** single use:
Master Code ● 24 ● ●
The lock will now remain open until the next single use code is entered into the lock as follows:
Step 1 Enter 4 digit code ● close the locker which will now be locked.
Step 2 Enter same 4 digit code ● ● lock will now open and remain open until next 4 digit code is entered.

Example:
Step 1 1234 ● close the lock which will now be locked
Note: When locked in this mode the red ● LED will flash every 6 seconds to indicate locker is locked.
Step 2 1234 ● ● locker now open – remains open until next single use code is entered.
Note: To reset to default function **A)** use the following key sequence:
Master Code ● 26 ● ●
Example: ● 26 ● ●

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Operating Commands

To program – the lock must be in the open position with the # button visible. Every program command must commence by pressing the # button, followed by either the Master Code. Sub-Master Code or User Code.

MASTER CODE COMMANDS

CHANGE THE MASTER CODE — Program 01

KEY SEQUENCE

Master Code ● 01 ● New Master Code ● New Master Code ● ●

Example: # xx xx xx xx ● 01 ● 12345678 ● 12345678 ● ●

RESULT

Master Code has been changed to 12345678

SET OR CHANGE THE USER CODE — Program 02

KEY SEQUENCE

Master Code ● 02 ● User Code ● ●

Example: # xx xx xx xx ● 02 ● 9999 ● ●

RESULT

New User Code 9999 now operative

DELETE USER CODE — Program 03

KEY SEQUENCE

Master Code ● 03 ● ●

Example: # xx xx xx xx ● 03 ● ●

RESULT

User Code deleted

SET OR CHANGE THE SUB-MASTER CODE — Program 04

KEY SEQUENCE

Master Code ● 04 ● Sub-Master Code ● Sub-Master Code ● ●

Example: # xx xx xx xx ● 04 ● 87654321 ● 87654321 ● ●

RESULT

Sub-Master Code 87654321 now operative

DELETE SUB-MASTER CODE — Program 05

KEY SEQUENCE

Master Code ● 05 ● 05 ● ●

Example: # xx xx xx xx ● 05 ● 05 ● ●

RESULT

Sub-Master Code deleted

SUB-MASTER CODE COMMANDS

CHANGE THE SUB-MASTER CODE — Program 06

KEY SEQUENCE

Sub-Master Code ● 06 ● New Sub-Master Code ● New Sub-Master Code ● ●

Example: #87654321 ● 06 ● 10101010 ● 10101010 ● ●

RESULT

Sub-Master Code has been changed to 10101010

SET OR CHANGE THE USER CODE — Program 07

KEY SEQUENCE

Sub-Master Code ● 07 ● User Code ● ●

Example: #87654321 ● 07 ● 6666 ● ●

RESULT

New User Code 6666 now operative

DELETE THE USER CODE — Program 08

KEY SEQUENCE

Sub-Master Code ● 08 ● ●

Example: #87654321 ● 08 ● ●

RESULT

User Code deleted

USER CODE COMMANDS

CHANGE USER CODE — Program 09

KEY SEQUENCE

User Code ● New User Code ● New User Code ● ●

Example: #2244 ● 6688 ● 6688 ● ●

RESULT

User Code now 6688

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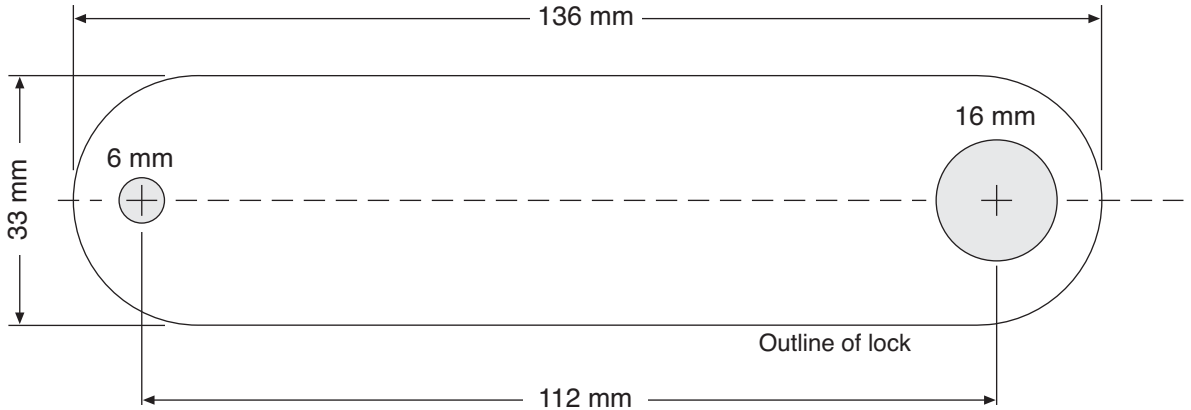
ELECTRONIC COMBINATION LOCK INSTALLATION TEMPLATE

TOP



NOTE: PLEASE CHECK SIZES ARE CORRECT BEFORE DRILLING

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