



# KL1000 Classic+ - Programming and Operating Instructions

**⚠️ IMPORTANT:** This guide is for the **KL1000 Classic+** model. The standard KL1000 Classic Programming and Operating Instructions are [available here](#).

The KL1000 Classic+ is a compact digital lock based on the venerable KL1000 Classic, with the additional features of supporting up to 20 User Codes in Private Function and auto-opening in Public Function. The lock is ideal for replacing keyed cam locks commonly supplied on a wide range of lockers, cabinets and cupboards.

## Codes - The Basics

- The KitLock has four code levels available:
  - i) Master Code
  - ii) Sub-Master Code
  - iii) User Code
  - iv) Technician Code
- The KitLock is supplied with two factory set codes:  
Master Code: 11335577  
User Code: 2244
- 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.
- All Technician Codes are 6 digits long.
- The lock 'open' time is set at 4 seconds.

## Functions

Before programming, select the most appropriate function for the application: A) or B) - See special Master Code set up commands.

### A) PRIVATE USE Important Note: This is the default function and is already pre-programmed in new locks.

Once set, the User Code allows repeated unlocking of the lock. The lock will always re-lock automatically. This function is used for long term usage where a locker is typically allocated to an individual. User Codes are 4 digits in length.

### B) PUBLIC USE

The user enters their own personal four-digit code to lock the lock. Entering the same code will open the lock and clear the code, ready for the next user. This function is used for short term, multi occupancy applications, e.g. a locker in a leisure centre. User Codes are 4 digits in length.

## Operating Instructions

Note: The KitLock has a 10 button keypad and a # button.

The # button is hidden beneath the handle when in the locked position.

 Blue LED = Code accepted

 Red LED = Code rejected

### MASTER CODE

The Master Code can:

- Open the lock
- Change the Master Code
- Set / Change / Delete the Sub-Master and User Code
- Select between Private and Public Functions
- Activate/deactivate Technician Code

## SUB-MASTER CODE

The Sub-Master Code can:

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

## USER CODE

The User Code can:

- Open the lock
- Change the User Code

• Blue LED = Code accepted  
 • Red LED = Code rejected

## TECHNICIAN CODE

The Technician Code can:

- Open the lock

*A code cannot be programmed into more than one level*

## PENALTY TIME

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

## BATTERY POWER

- The KitLock 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 lights, accepting the code. Fit new batteries as soon as this happens. The lock will operate for 100 times with low battery.
- When in Public Use, both LEDs will flash indicating that the lock is suspended due to insufficient power. New batteries must be fitted to return to normal operation.



## BATTERY FAILURE OVERRIDE

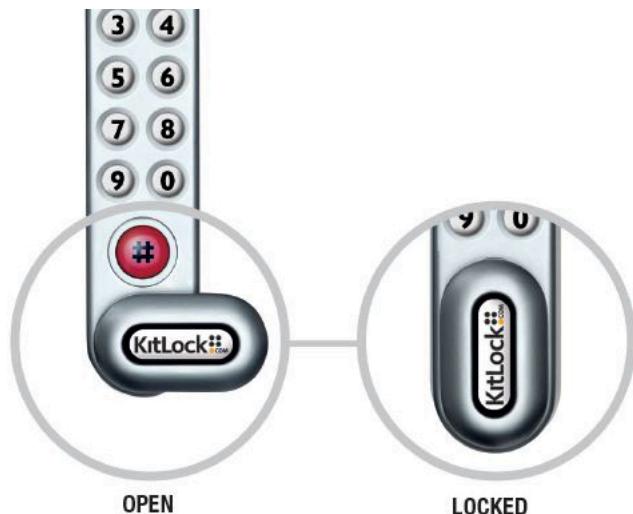
The KitLock has been designed so an external PP3 battery can be placed against the contact points surrounding the Blue and Red LED's so the lock can be opened to replace the batteries should they fail.

The procedure is as follows:

- Place the contact points of the PP3 battery against the contact points surrounding the Blue and Red LED's.
- The positive + PP3 terminal against the Red LED contact point and the negative - PP3 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.

## Programming

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

### Master User

The Master User is effectively the administrator of the lock. All programs are available to the Master User.

### CHANGE THE MASTER CODE

#Master Code • 01 • New Master Code • New Master Code ..

**Example:** #11335577 • 01 • 12345678 • 12345678 ••

**Result:** Master Code has been changed to 12345678

Standard User

#### **SET OR CHANGE THE USER CODE**

#Master Code • 02 • User Position • User Code ••

**Example:** #11335577 • 02 • 01 • 1234 ••

**Result:** The User Code 1234 has been added to position 01

**Note:** A user can change their own code using the program below:

#User Code • New User Code • New User Code ••

**Example:** #1234 • 9876 • 9876 ••

**Result:** The user's code has now been set to 9876.

#### **DELETE USER CODE**

#Master Code • 03 • User Position ••

**Example:** #11335577 • 03 • 06 ••

**Result:** The User Code in position 06 has been deleted.

**Note:** Entering 00 as position will delete all User Codes.

Sub-Master User

#### **SET OR CHANGE SUB-MASTER CODE**

#Master Code • 04 • New Sub-Master Code • Confirm New Sub-Master Code ••

**Example:** #11335577 • 04 • 99775533 • 99775533 ••

**Result:** The Sub-Master Code 99775533 has been added.

#### **DELETE THE SUB-MASTER CODE**

#Master Code • 05 • 05 ••

**Example:** #11335577 • 05 • 05 ••

**Result:** The Sub-Master Code has been deleted.

Technician User

#### **SET TECHNICIAN CODE**

#Master Code • 13 • New Technician Code • Confirm New Technician Code ••

**Example:** #11335577 • 13 • 555777 • 555777 ••

**Result:** The Technician Code 555777 has been added.

#### **DELETE TECHNICIAN CODE**

#Master Code • 13 • 000000 • 000000 ••

**Example:** #11335577 • 13 • 000000 • 000000 ••

**Result:** The Technician Code has been deleted.

## **SUB-MASTER CODE COMMANDS**

Sub-Master User

The Sub-Master has access to the majority of the programs but cannot change or delete the Master User. The Sub-Master User is not required for operation.

#### **CHANGE THE SUB-MASTER CODE**

#Sub-Master Code • 04 • New Sub-Master Code • Confirm New Sub-Master Code ••

**Example:** #11335577 • 04 • 99775533 • 99775533 ••

**Result:** The Sub-Master Code 99775533 has been added.

Standard User

#### **SET OR CHANGE THE USER CODE**

#Sub-Master Code • 02 • User Position • User Code ••

**Example:** #11335577 • 02 • 01 • 1234 ••

**Result:** The User Code 1234 has been added to position 01.

**Note:** A user can change their own code using the program below:

#User Code • New User Code • New User Code ••

**Example:** #1234 • 9876 • 9876 ••

**Result:** The user's code has now been set to 9876.

#### **DELETE USER CODE**

#Sub-Master Code • 03 • User Position ..

**Example:** #11335577 • 03 • 06 ..

**Result:** The User Code in position 06 has been deleted.

**Note:** Entering 00 as position will delete all User Codes.

Technician User

#### **SET TECHNICIAN CODE**

#Sub-Master Code • 13 • New Technician Code • Confirm New Technician Code ..

**Example:** #11335577 • 13 • 555777 • 555777 ..

**Result:** The Technician Code 555777 has been added.

#### **DELETE TECHNICIAN CODE**

#Sub-Master Code • 13 • 000000 • 000000 ..

**Example:** #11335577 • 13 • 000000 • 000000 ..

**Result:** The Technician Code has been deleted.

## TECHNICIAN CODE COMMANDS

Technician User

The technician can open a lock. After opening, the lock will automatically re-lock after four seconds. In public function, the active user code will remain valid. In private function, the technician is essentially an additional standard user.

#### **SET TECHNICIAN CODE**

#Master Code • 13 • New Technician Code • Confirm New Technician Code ..

**Example:** #11335577 • 13 • 555777 • 555777 ..

**Result:** The Technician Code 555777 has been added.

#### **DELETE TECHNICIAN CODE**

#Sub-Master Code • 13 • 000000 • 000000 ..

**Example:** #11335577 • 13 • 000000 • 000000 ..

**Result:** The Technician Code has been deleted.

## USER COMMAND

### **CHANGE THE USER CODE**

# User Code • New User Code • New User Code ..

**Example:** #1234 • 9876 • 9876 ..

**Result:** The user's code has now been set to 9876.

## SPECIAL MASTER CODE COMMANDS

### **PRIVATE USE**

The default state of the lock is locked. A single default user is registered with a code of 2244. A total of 20 user codes can be added to the lock. Entering a valid user code will unlock the lock. The lock will automatically re-lock after four seconds.

#Master Code • 26 ..

**Example:** #11335577 • 26 ..

**Result:** The lock will remain locked until a User, Technician, Sub-Master or Master Code is entered.

### **PUBLIC USE – SINGLE CODE ENTRY (DEFAULT)**

The default state of the lock is unlocked. To lock, the user must enter a 4 digit code of their choice. The user does not need to confirm their code. After locking, on re-entering their code, the lock will unlock and remain unlocked ready for the next user.

#Master Code • 24 ..

**Example:** #11335577 • 24 ..

**Result:** The lock will remain open until the next user enters a 4 digit code. The user will not be required to confirm their code. Once entered, the lock will lock.

**Note:** On re-entry of the same 4-digit code, the lock will open.

#### PUBLIC USE – DOUBLE CODE ENTRY

The default state of the lock is unlocked. To lock, the user must enter a 4 digit code of their choice and repeat for confirmation. After locking, on re-entering their code, the lock will unlock and remain unlocked ready for the next user.

**Note:** Entering the Master or Sub-Master code when the lock is in Public Function will clear the active user code and put the lock into an unlocked state ready for a new user.

#Master Code • 22 •

**Example:** #11335577 • 22 •

**Result:** The lock will remain open until the next user enters a 4 digit code. The user will be required to confirm their code (double entry).

**Note:** On re-entry of the same 4-digit code, the lock will open.

## CONFIGURATION

### LOCKED LED

When enabled (default), the red LED will flash every 5 seconds to indicate locked status

#Master Code • 08 • Enable/Disable <00|01> •

**Enable**

**Example:** #11335577 • 08 • 01 •

**Result:** Enables locked LED indication.

**Disable**

**Example:** #11335577 • 08 • 00 •

**Result:** Disables locked LED indication.

### AUTO UNLOCK AFTER X HOURS

Unlocks the lock automatically after a pre-determined time of being locked.

#Master Code • 10 • Time <01-24> •

**Example:** #11335577 • 10 • 06 •

**Result:** The lock will unlock 6 hours after locking.

**Disable**

#Master Code • 10 • 00 •

### KEYPAD ROTATION

The orientation of the keypad can be set to vertical, left or right. A new keymat/buttons may be required.

1. Disconnect power
2. Press and hold 8 button and reconnect power
3. Within 3 seconds, enter sequence: 1 2 3 4
4. Blue LED will flash twice to confirm

**Note:** If NetCode is enabled prior to changing the keypad orientation, the lock will require re-initialisation after the orientation has been changed.

## ENGINEERING FUNCTIONS

### BATTERY LEVEL CHECK

#Master Code • 87 •

**Example:** #11335577 • 87 •

**Result:** Red and Blue LEDs will flash to indicate current battery status.

#### BATTERY LEVEL CHECK

#Master Code • 09 • •

**Example:** #11335577 • 09 • •

**Result:** Both • Red LED and • Blue LED will flash to indicate current battery status.

More than 80% charged	• •	• •	• •	• •	• •
Between 50%-80% charged	• •	• •	• •	• •	• •
Between 20%-50% charged	• •	• •	• •	• •	• •
Less than 20% charged	• •	• •	• •	• •	• •

## FACTORY RESET

**Note:** The procedure requires the door to be open.

### VIA KEYPAD

#Master Code • 99 • 99 ..

**Example :** #11335577 • 99 • 99 ..

**Result :** The motor will engage and both LEDs will flash to indicate the lock has reverted to factory settings.

### VIA POWER RESET

1. Disconnect power
2. Press & hold **1** button
3. Reconnect power whilst holding down **1** button
4. Release **1** button & within three seconds, press **1** three times
5. The Blue LED will flash twice and the lock will have reverted to the factory Master Code 11335577 and all other stored settings will be erased.

KITLOCK2020POI

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