



# AN1004 - How to program a Switch2 with TOUCHLOCK

## Programming Switch2 with TOUCHLOCK

TOUCHLOCK keypads connected to Switch2 controllers are programmed by the system administrator using a menu. This is accessed by a programming code defined when the keypad is initialised.

## Initialising the keypad

When the system is powered up for the first time the keypad will beep 3 times a second. This indicates that the keypad is waiting to be initialised. The **red** LED will be steady, the **amber** LED will flash slowly and the **green** LED will flash quickly.



Press the bell button. The unit will stop beeping and the green LED will flash



Enter your chosen 6 digit programming code\* and press the bell button (The green LED will flash faster still)



Confirm your programming code by entering the same 6 digit code and pressing the bell button (The green LED goes out and the unit will acknowledge that the programming code has been accepted by beeping twice after a short pause. All the LED's are now on)

**\*Note that the programming code SHOULD NOT contain the sequence of numbers 1234, as this is the default user code**

The keypad has a default user code of 1234. The programming code you just entered will now let you into the menu where additional alterations can be made.

## Programming the keypad

**How do I enter the programming mode?** - To change any of the settings on the keypad you must enter the programming menu. To do this, enter the 6 digit programming code. The keypad will beep twice and the green LED will flash.

**How can I enter more than one user code?** - You need to set the keypad into 'multi user mode'. First enter the programming mode, hold down '2' for 3 seconds then press '6'. In this mode, old codes must be deleted when they are no longer required.

**How can I change a user code?** - If the keypad is in 'single user mode' a new code will replace the old one. In 'multi user mode', codes must be added and deleted individually.

First enter programming mode and then hold down '8' for 3 seconds. Enter the new user code followed by the bell button. Enter the new code again followed by the bell. A final key press defines the action type This will be a '4' to enter the code as a normal code; '6' for a toggle code and '8' for a duress code. Entering a '2' will delete the code from the keypad.

**How can I change the programming code?** - Enter programming mode and hold down "6" for 3 seconds. Enter the new programming code followed by the bell button. Re-enter the new code to confirm the change followed by the bell button. The new code is now programmed; the old programming code will no longer work.

**How can I change the door open time?** - Enter programming mode and hold down "5" for 3 seconds. Enter the time required door open time, in seconds between 1 and 60 e.g. for 5 seconds type in "0" then "5". The default value is 7 seconds

**How can I stop the keypad from beeping?** - The keypad can be made to work in silence if, for example, it is located near to where someone is working. Enter the programming code and hold down "3" for 3 seconds. Press the "6" button and the keypad will no longer beep when keys are pressed.

**How can I use the exit button wires?** - The exit button wires can be used as either a standard exit button, where the door opens for the door open time following a button press, or as a toggle device where the button will toggle the door open until it is pressed again or a toggle code is entered on the keypad. Enter the programming code and hold down "7" for 3 seconds. Press the "4" button to set the button to toggle the lock.

**How can I stop people trying to guess the entry code?** - Lockout is a function where the keypad will lock to prevent someone from continually trying to guess the entry code. After 20 incorrect keys have been pressed the keypad will lock out for a period of 1 minute. To activate lockout, enter programming mode and hold down "4" for 3 seconds then press "6".

**What can I do if it all goes wrong?** - The keypad can be reset back to factory defaults with the exception of the programming code. Enter programming mode and hold down "9" for 3 seconds. Re-enter the programming code and hold down "9" for a further 3 seconds. The keypad will now be reset. If the master code becomes lost the Switch2 must be reset to the factory settings.

#### To set the Switch2 control unit back to its factory setting:



Turn off the power and disconnect the **Green** and **Mauve** keypad wires from the terminals on the Switch2



Insert a wire link between the **Green** and **Mauve** terminals



Reconnect the power (the unit will beep 4 times)



Disconnect the power and remove the link wire, reconnect the **Green** and **Mauve** wires



Reconnect the power (the unit will beep 3 times per second).  
The unit is ready to be enrolled

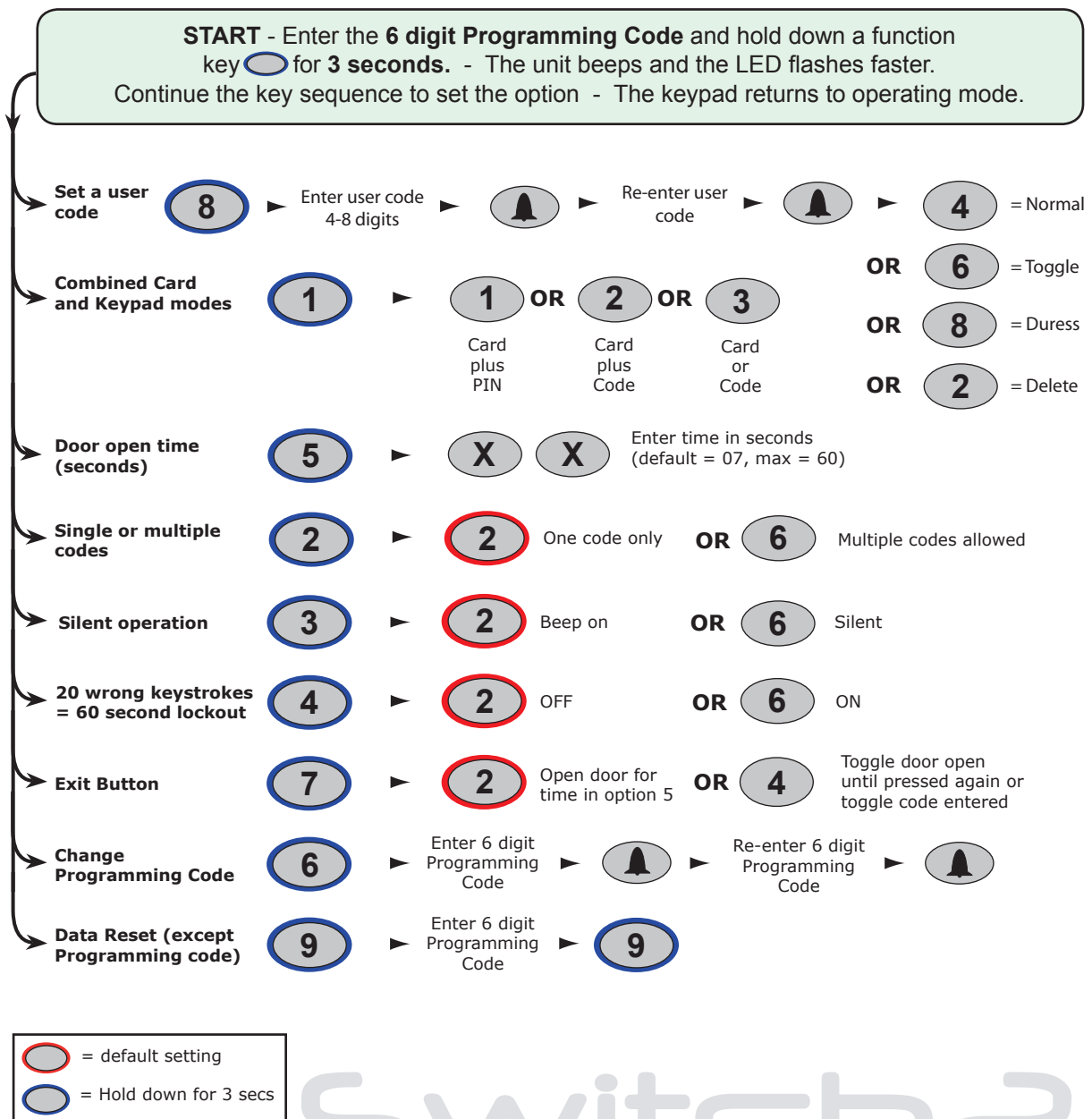
## Combined Card and Keypad modes

By fitting a KP (keypad and proximity) reader additional security can be added to the system by requiring a proximity card to be presented before the keypad will accept data.

Card plus PIN, Card plus Code and Card or Code modes are available.

See also: [AN1069 - How to program a Switch2 with a Proximity KP keypad](http://paxton.info/515) < <http://paxton.info/515> >

## Programming chart



Switch2