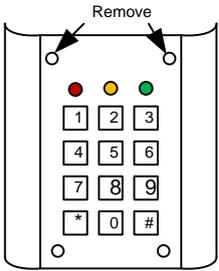


# Installation Manual

## Installation

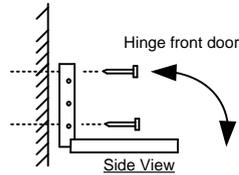
1) Before you install this equipment, please read this full manual.



2) Remove the top two security screws as shown. Do NOT remove the bottom screws.

The front door will hinge downwards to allow access for mounting holes and connection terminals.

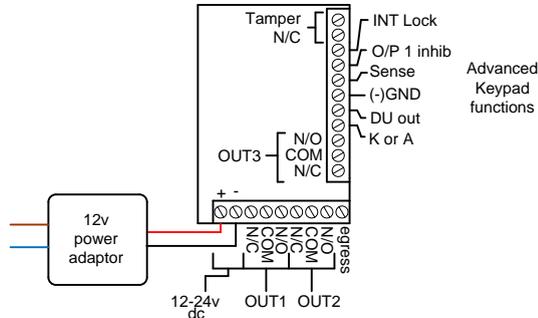
Note: The protective film on the front of the intercom should not be removed until fully installed.



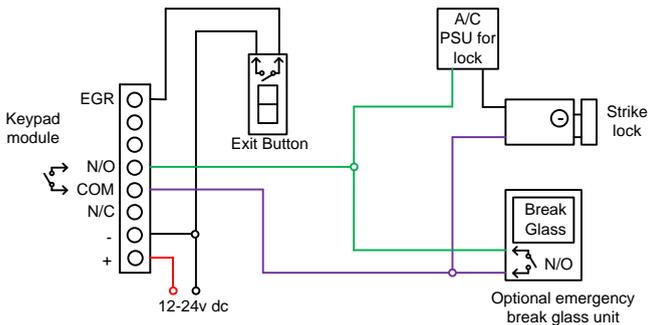
3) Use appropriate wall fixings. 8-10mm anchors, 75mm deep with M5 screw are recommended as a minimum.

## Wiring

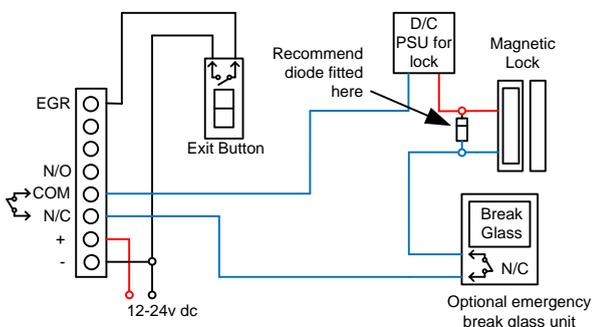
4) Carefully follow the wiring instructions. Additional wiring suggestions for electric strike lock and magnetic lock are shown below.



### Example Strike lock wiring

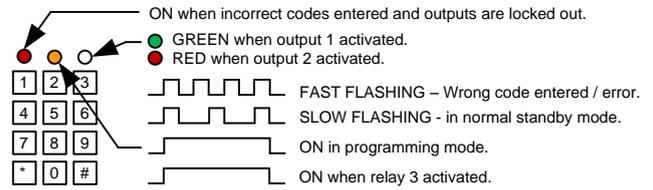


### Example DC Magnetic lock wiring



## Programming

### LED indicators



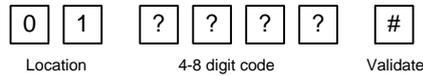
Note: Programming can only begin 60 seconds after power on.

### Enter Programming mode

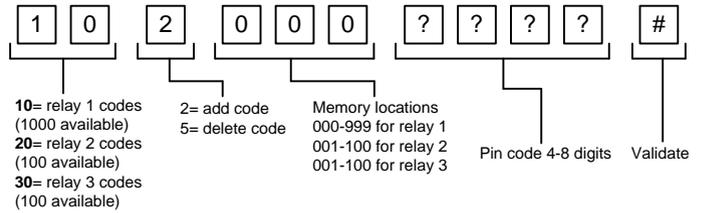


The unit is now in programming mode. Amber LED will remain ON. 0000 is default programmers code. Note: Pressing \*\* again will exit programming mode.

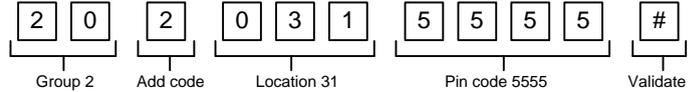
### Enter new programmers code



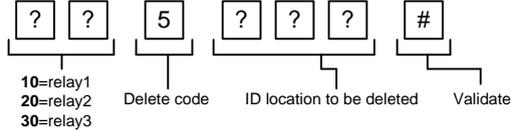
### Record or Delete user codes



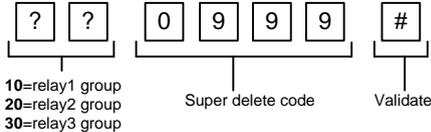
Example: Add user 31 to have access code 5555 operating relay 2....



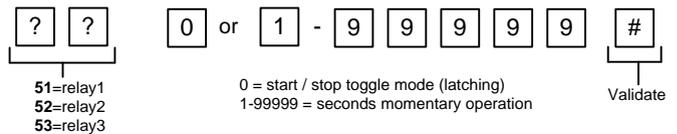
### Delete a code



### Delete all codes in a group

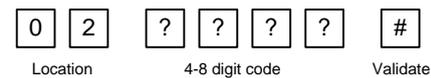


### Programming Relay output times & modes

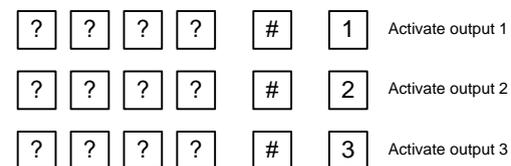


### Programming SUPER user code

Super user code is an optional feature which allows the same code to operate outputs 1, 2 or 3.



### Using super user code



# User Instructions

## Using standard user code

To use standard code, simply enter the 4 digit code. You do not need to press any other digits.  
Note: Remember to exit programming mode with \*\* before testing user codes.

## Using super user code

[?]	[?]	[?]	[?]	[#]	[1]	Activate output 1
[?]	[?]	[?]	[?]	[#]	[2]	Activate output 2
[?]	[?]	[?]	[?]	[#]	[3]	Activate output 3

# Advanced Features

## Restoring defaults

While in programming mode, enter the following to delete all codes and settings apart from the Master code.. (this can take up to 2.5 minutes)...

[9] [9] [9] [9] [#]

## When the master code is forgotten....

- 1) Wire a push button (or replicate with wire link) across the EG IN terminal and (-)GND.
- 2) Switch off power for 1 minute.
- 3) Switch ON power.
- 4) during the first 60 seconds, press the EG button once to enable the function.
- 5) Enter the following code..

[8] [0] [8] [0] [\*] [\*]

The keypad should now be in programming mode, ready to accept new data.

## Additional keypad information – Note: These features are not commonly used.

### EG IN (EGRESS INPUT)

Connect a push button between this terminal and (-)GND. When Egress button is pressed, output 1 will be activated for the programmed delay. Egress button is usually located inside a building and used as a push to exit.

### K or A. (KEYPAD ACTIVE OUTPUT)

An NPN transistor open collector output. It switches to (-) ground for 10 seconds on each key touching. This can be used to turn on lights, CCTV camera, or buzzer to notify a guard. The rating of this output is: Ic max: 100mA sink, Vc max: 24VDC

### DU OUT (DURESS OUTPUT)

An NPN transistor open collector output. It switches to (-) ground after the Duress Code is entered. Use it to trigger an alarm zone, or turn on a buzzer to notify a guard. Ic max: 100mA sink. Vc max: 24VDC

### DOOR SENSE

N/C connected to (-)GND, to be connected to a normally closed door contact. It can be used to generate a door open alarm or door forced open alarm.

### O/P 1 Inhibit

Normally open. When closed, this disables all codes for relay group 1 except super user and duress codes.

### Interlock Output

NPN transistor output, open collector, max power 24v dc, 100mA sink. Used to operate a door in conjunction with another keypad, or prevent two doors being opened at the same time.

### Tamper N/C

Normally closed tamper switch. This can be used in conjunction with a tamper switch on a box or enclosure to prevent tampering. This can be connected to an alarm system.