

Programming the keypad

The APX-16 can be programmed with user codes & proximity fobs/cards into 1200 individual User ID numbers .

When adding codes and fobs you should programme codes into an ID number and the following number should be used for a Fob i.e. if a code is entered into ID number 3, then the Fob should be programmed into ID number 4

The factory default settings are as follows:

Programme code = 888888
User code or fobs = None programmed
Door open timer = 5 seconds
Either User Code or proximity fob/card can be used to unlock

To Enter programming mode

The LED indicator should be a flashing red, press * following the programming code, followed by # the LED should flash green then go to a solid red.

To leave programming mode

Press * the LED indicator should go back to a flashing red.

To Program a code to unlock the door using relay 1

Enter programming mode
Press 1 followed by the required User ID number (1-1100) followed by #, then enter the code (*must be a 4 digit code - 1234 cannot be used*) then press #, adds the code into the selected User ID number, Repeat for each User
Press * to leave programming mode

To enrol a fob/card to unlock the door

Enter programming mode
Press 1 followed by the required User ID number (1-1100) followed by # present fob/card to reader and take away pressing # adds a fob/card into the selected User ID number.
Press * to leave programming mode

To change the lock open time

Enter programming mode
Press 41 then the required time in seconds (*1- 99 seconds - 5 is the default*)
Press the # to enter the time
Press * to leave programming mode

To delete a User code or Fob

Enter programming mode
Press 2 followed by the User ID number followed by the #
The code will be deleted
Press * to leave programming mode

To delete all codes and fobs/cards

Enter programming mode
Press 2 followed by 0000 # (deletes all fobs and code)
Press * to leave programming mode

To change the programming code

Enter programming mode
Press 0 followed by the new code (must be 6 to 8 digits followed by the #, enter new code again followed by the #
Press * to leave programming mode

To reset the programming code

Power down the keypad
Power up the keypad whilst press the * Key after 2 short bleeps release it a 3 bleep should be heard
Programming code is now 888888 again

For all other functions please refer to the full manual.

LED colour indicates the following	
Slow flashing RED	Normal operating mode
Solid RED	Programming mode
Solid GREEN	Valid code entered Valid fob/card presented 'Press to Exit' operated

Environmental Advice.

This product is covered by current WEEE regulations.
Please consider the effect on the environment when disposing of it.
Do not put in a domestic waste bin. Only dispose of at an appointed recycling centre.



AKT4252

External Gate kit

Start-up guide

This kit contains all the equipment required to install a single door access control system.

1 x ADP121A: 12V 1A power supply

1 x AEMGATE/F/S: External Unmonitored electro magnetic lock

1 x AEMBR046: Z bracket for use with the magnetic lock

1 x APX-16: IP 65 External keypad, 2 x relays

1 x AKA-WCP3AG-SG: External MCP

1 x AEB44: IP67 Green dome Exit button

20m x 6 core multi-stranded cable

The keypad, magnetic lock, request to exit button and green call point are designed to be installed externally to meet with your requirements, the power supply **MUST** be fitted internally.

The electro-magnetic lock can be fitted direct to the frame for outward opening doors or with the Z bracket for inward opening doors/gates.

The green call point and 'PRESS TO EXIT' button should ideally be fitted at a height of 1.2m from the floor level to allow for ease of access.

The keypad is programmed manually, with up to 1200 individual users (1100-relay 1+100-relay 2) which can be programmed with either codes or fobs/cards

Operating

To use the keypad either enter a valid code followed by the # or present an enrolled fob/card, the LED will change to green for the pre-programmed lock open time, then change back to a slow flashing red when the lock open time has expired, while the LED is green the electro magnetic lock will be released allowing you to open the restricted door.

Momentarily press and release the 'Request to Exit button', the LED on the keypad will change to green for the pre-programmed lock time, allowing you to open the restricted door, after the lock time has expired the electro magnetic lock will be re-engaged, the door must be in the correctly closed position, therefore holding the door secure.

In the event of a emergency the green manual call point must be pressed, this will ensure that the electro magnetic lock is not active and therefore will not restrict access.

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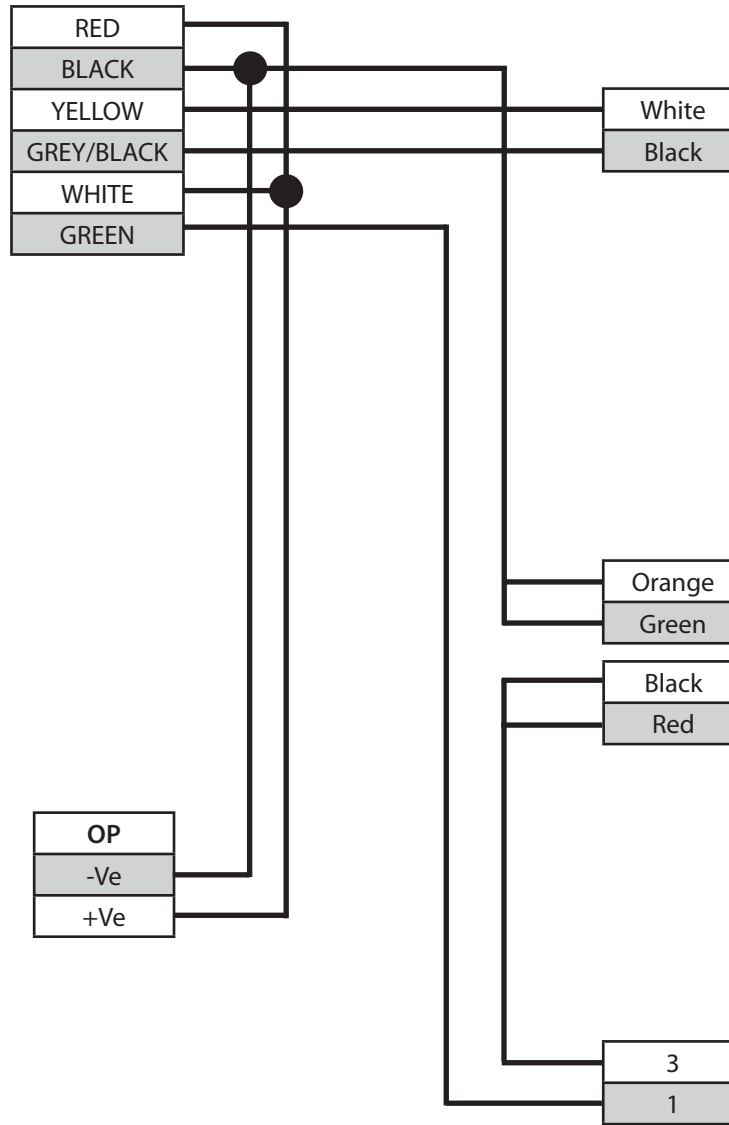
Connection Diagram

Please use a multi strand cable for all connection Do not use Cat 5 or 6 cabling

Explanation of wire colours		
Colour	Function	
RED	+Ve12	
BLACK	-Ve Ov	
YELLOW	exit button input	
GREY/BLACK	exit button ground	
RELAY 1	WHITE	COM (common)
	GREEN	NC (normally closed)
	BLUE	NO (normally open)
RELAY 2	WHILTE/BLACK	COM (common)
	GREEN/BLACK	NC (normally closed)
	BLUE/BLACK	NO (normally open)



APX-16



ADP121A

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AEB44



AEMGATE/F/S



AKA-WCP3A-SG

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