

# Programming

The APX18 can be programmed in one of two ways with up to 2000 proximity fobs.

1. Using the **Master Add Card** you can add a user fob without assigning it an ID number, if a fob is lost and needs to be replaced then all fobs will need to be reprogrammed
2. If you wish to assign fobs to individual numbers so that an individual fob can be deleted if it is lost, then you can use the accompanying remote control to do this. You will need to keep a record of the ID numbers and which users fob is programmed into that ID number

**Note:** Which every method is chosen this must be the method used to programme all fobs it is not possible to mix both methods.

## Adding fobs using the Master Add Card

1. Present **Master Add Card** to the reader - *the green LED will light up*
2. Present a new fob to the reader - *the green LED will stay lit and the red LED will flash once*
3. Continue presenting new fobs one at a time - *each time the red LED will flash once*
4. To leave programming mode present the **Master Add Card** to the reader

## Deleting fobs using Master Delete Card

1. Present **Master Delete Card** to the reader - *the green LED will light up*
2. Present an existing fob to the reader - *the green LED will stay lit and the red LED will flash once*
3. Continue presenting existing fobs one at a time - *each time the red LED will flash once*
4. To leave programming mode present the **Master Delete Card** to the reader

## Deleting all fobs using the remote control

1. Enter programming mode press the \* master code (default master code = 123456) # - *the red LED will be flashing*
2. Press 2 - *both the green and red LEDs will be lit solid*
3. Enter the master code followed by # - *the green LED will go out and the red LED will flash*
4. Exit programming mode by pressing \* - *only red LED will be lit*

## Adding fobs using the remote control

1. Enter programming mode press the \* master code (default master code = 123456) # - *the red LED will be flashing*
2. Press 1 followed by the ID number (1-2000) i.e. 11 for ID 1, 12 for ID 2 - *both the green and red LEDs will be lit solid*
3. Present fob to the reader, the red LED will flash, then press # on the remote control, *the green LED will go out and the red LED will be flashing*
4. Repeat for each fob/ID required
5. Exit programming mode by pressing \* - *only red LED will be lit*

## Deleting individual fobs using the remote control

1. Enter programming mode press the \* master code (default master code = 123456) # - *the red LED will be flashing*
2. Press 2 followed by the ID number (1-2000) i.e. 21 for ID 1, 22 for ID 2 - *both green and red LEDs will be lit solid*
3. Press # on the remote control - *the red LED will flash once*
4. Repeat for each ID required
5. Exit programming mode by pressing \* - *only red LED will be lit*

## Setting the relay configuration

Pulse mode:- the relay will be open for a set time (1-99 seconds) default is 5 seconds

Latch mode requires a fob to be present to open and close the relay

Pulse mode

1. Enter programming mode press the \* master code (default master code = 123456) # - *the red LED will be flashing*
2. Press 3 followed by the number of seconds, *both the green and red LED will be lit solid*
3. Press # - *green LED will go out and the red LED will flash*
4. Exit programming mode by pressing \* - *only red LED will be lit*

Latch mode

1. Enter programming mode press the \* master code (default master code = 123456) # - *the red LED will be flashing*
2. Press 30 *both green and red LEDs will be lit solid*
3. Press # - *green LED will go out*
4. Exit programming mode by pressing \* - *only red LED will be lit*

## Changing the Master code

1. Enter programming mode press the \* master code (default master code = 123456) # - *the red LED will be flashing*
2. Press 0 - *both green and red LEDs will be lit*
3. Enter new 6 digit code followed by # - *the red LED will flash once*
4. Repeat the new 6 digit code followed by # - *the red LED will flash and the green LED will go out*
5. Exit programming mode by pressing \* - *only red LED will be lit*

## 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.



# AKT4254

## No touch

## Internal/External 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 AEM10001: Unmonitored slim line electro magnetic lock

1 x AEMBR089F: Z & L bracket for use with the magnetic lock

1 x APX18: IP 66 Internal/External reader 125kHz

10 x AC7101: Proximity fob

1 x FP3/GR: Green manual call point

1 x AEB37: touch free request to exit button

1 x Graphite intumescent strip for magnet

20m x 6 core multi-stranded cable

The keypad can be installed either internally or externally to meet with your requirements, all other components must be fitted internally.

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

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

The keypad can be programmed manually using 2 pre-programmed cards or via an infrared remote control.

## Operating

Place a valid fob/card within 5cm of the reader, the green LED on the reader will illuminate for the pre-set door open/ relay time (default 5 seconds), after the time has expired the green LED will go out, while the green LED is lit the electro magnetic lock will be released allowing you to open the restricted door.

Momentarily press and release the 'Request to Exit button', the green LED on the reader will illuminate for the pre-set door open/relay time, allowing you to open the restricted door, after the pre-set 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 an 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

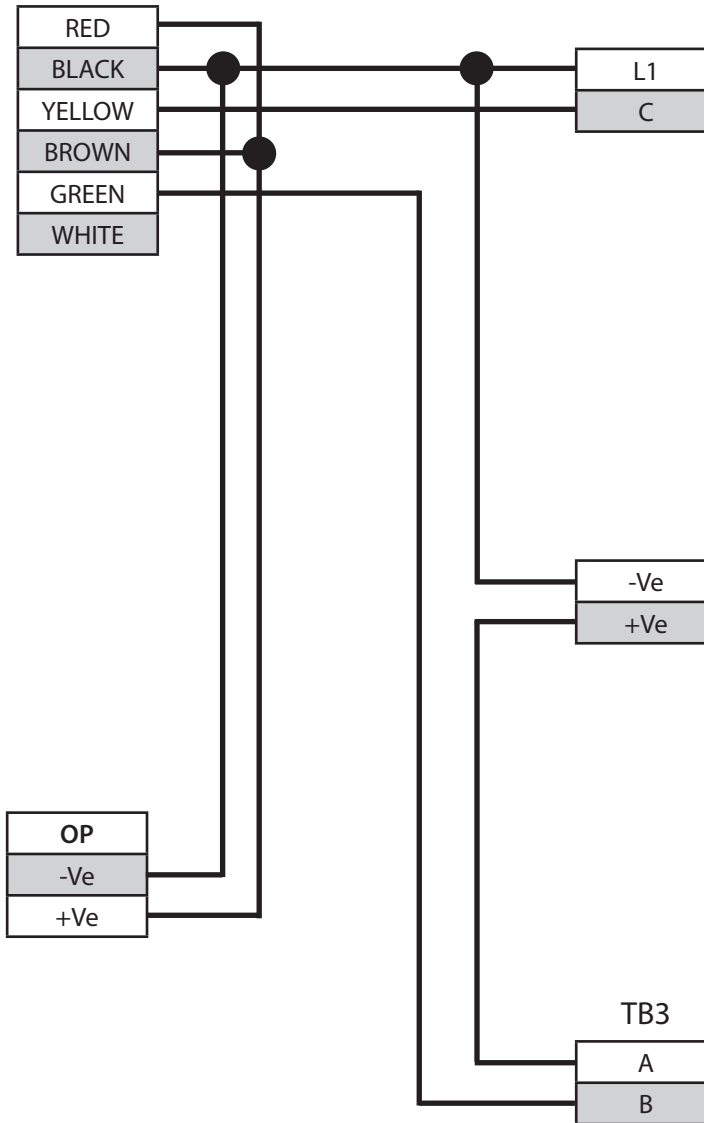
Explanation of wire colours	
Colour	Function
RED	+Ve12 or 24Vdc
BLACK	-Ve Ov
YELLOW	exit button input
BROWN	COM (Common)
GREEN	NC (normally closed)
WHITE	NO (normally open)



APX18



ADP121A



AEB37



AEM10001



FP3/GR