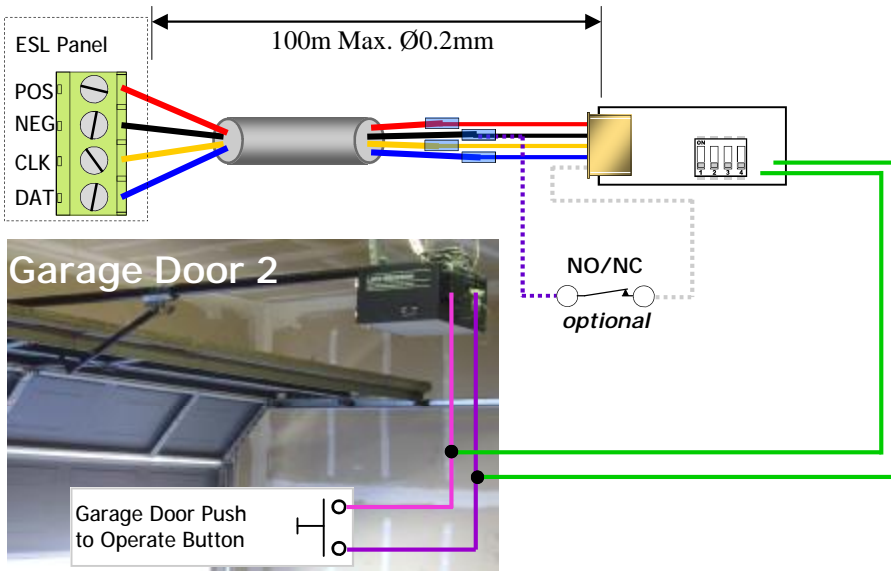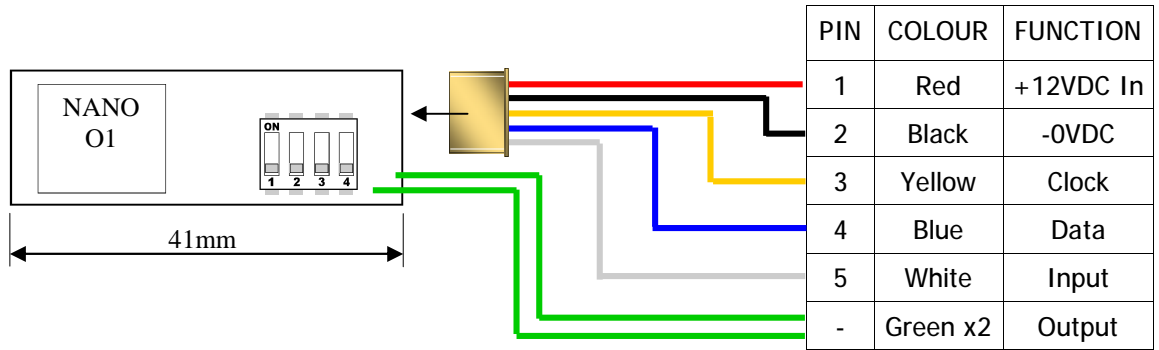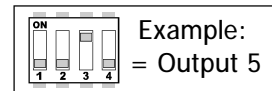# NANO-O1 INSTRUCTIONS

Single output expander module for ESL system.
This module wires directly onto the ESL keypad bus. It features a single clean normally open contact, rated to 30VDC 100mA, making this device ideal from controlling garage doors and gate controllers.
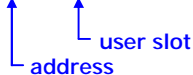

PIN	COLOUR	FUNCTION
1	Red	+12VDC In
2	Black	-0VDC
3	Yellow	Clock
4	Blue	Data
5	White	Input
-	Green x2	Output

Follow	Dip 1	Dip 2	Dip3
Out 1	off	off	off
Out 2	on	off	off
Out 3	off	on	off
Out 4	on	on	off
Out 5	off	off	on
Out 6	on	off	on
Out 7	off	on	on
Out 8	on	on	on

Example: = Output 5

Learning Optional Input

For the Input of a NANO-O1 to work on the Elite system, you need to learn it in to a user slot. This is done at address 18. In Installer mode press <PROGRAM> <18> <ENTER> then choose the user slot <21-100> and <ENTER><ENTER>, trigger the device. (this should stop the keypad beeping.)
i.e.   **P 18 E 30 E E**   (device is now learnt in to user 30).

address
user slot

The User Slot can then be configure to, Trigger an output, Arm/Disarm, Panic Alarm.
Please see the full programming manual for more information. www.aap.co.nz

Dipswitch 4 On to enable input