



infinity AAP041 1-Channel Wireless Output Module for ESL or ESX User Manual

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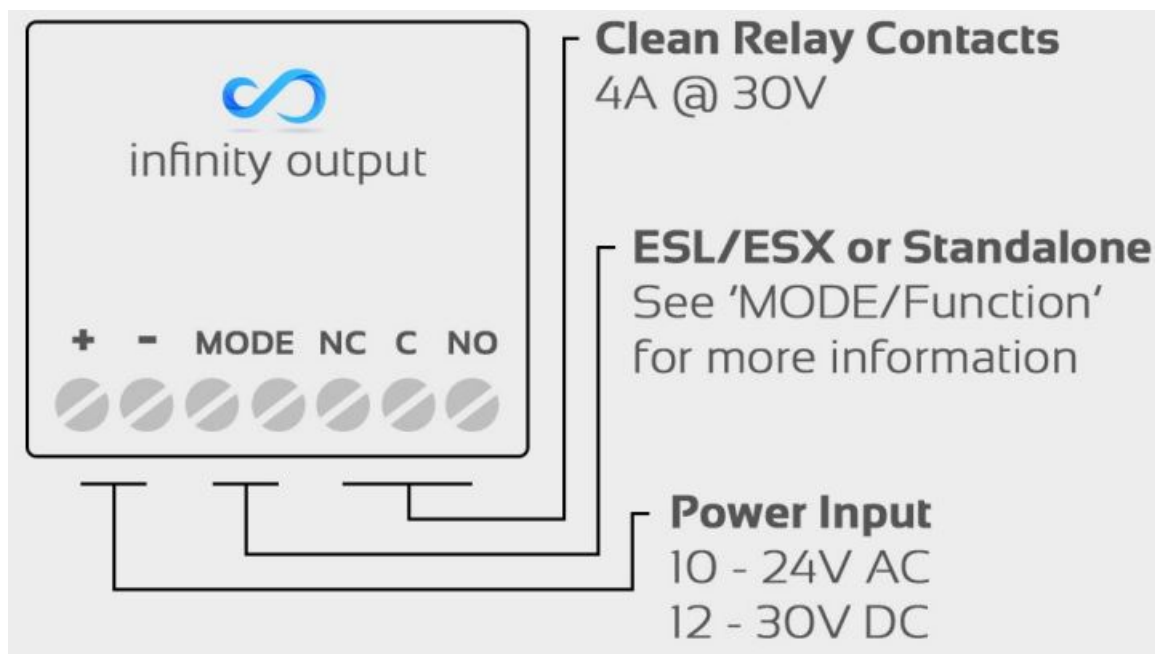
infinity AAP041 1-Channel Wireless Output Module for ESL or ESX



Specifications

- **Power Input:** 10 – 24VAC / 12 -30VDC
- **Standby Current:** 30mA
- **Operating Current:** 40mA
- **Relay Contacts:** Clean – 4A@ 30V
- **Relay Function:** Momentary & Latching
- **Frequency & Modulation:** 915MHz / GFSK
- **Wireless Range:** Up to 500m Line of Sight
- **Protocol:** infinity 2 Way Encrypted
- **Indication:** Relay & Program LEDs
- **Operating Temperature:** -20°C to 50°C
- **Environment Humidity:** 85% max
- **Weight:** 25g
- **Dimensions:** 42 x 36 x 20mm
- **Supports:** Up to 250 infinity remotes
- **IP Rating:** IP20 (indoor use only, or in an approved enclosure)

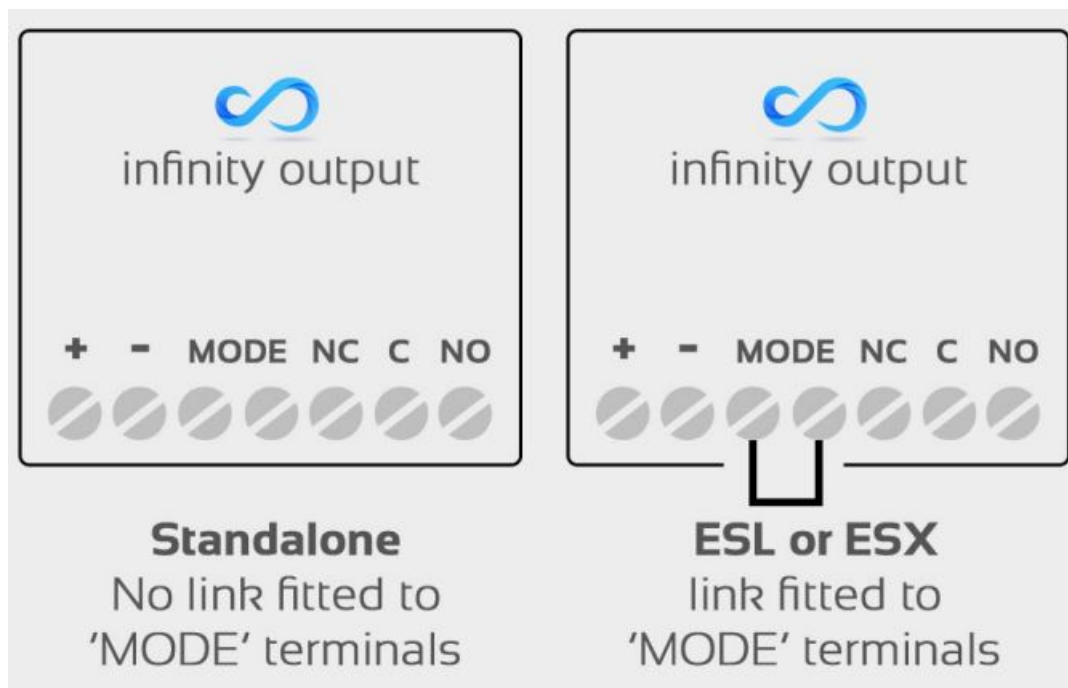
Terminal Overview



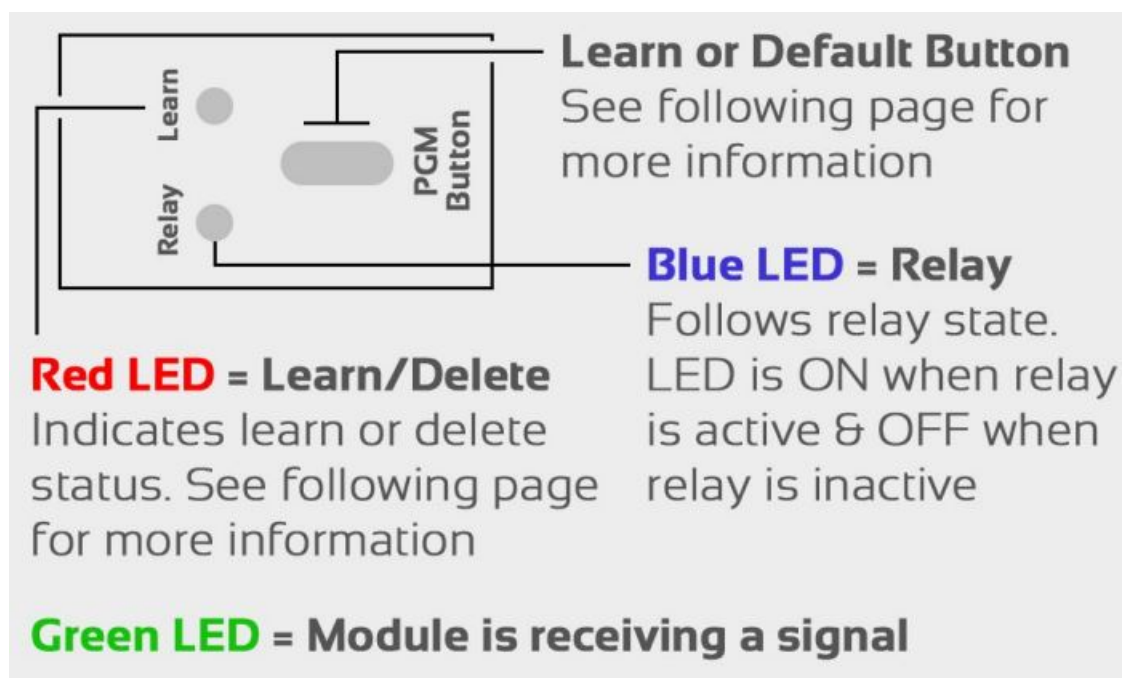
MODE/Function

Follow the diagram below to configure the infinity output for ESL/ESX OR standalone functionality.

- A power cycle is required after changing the 'MODE' of this device.



Learn Button & LED Indicators



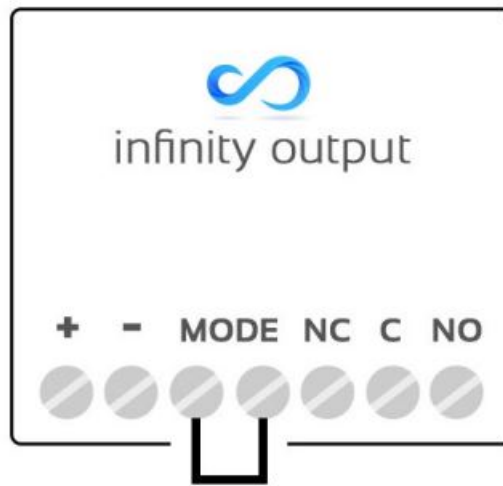
Defaulting infinity output Programming (important before proceeding to programming section)

- If the 'infinity output' has previously been learnt to another device it may require defaulting.
- To do so, press and hold the 'PGM' button while powering up the device & continue to hold.
- The LED will display solid red and turn green when default is successful.
- Once default is successful you can proceed to programming instructions on the next page.

Note: If you are installing a completely new system we also recommend defaulting the infinity link using the same method described above. Warning: Defaulting the infinity link will unpair any previously learnt devices.

ESL or ESX Mode

(Requires wire link)



(Requires ESX firmware v10.2.468 & infinity link v1.1.0 or higher)

When an infinity output is learnt into the ESL or ESX it directly follows the programming of the control panel & therefore can be operated by any user interface connected to the system. I.e. App, Keypad, remote or time schedule.

Learning

Make sure you are in installer programming & the infinity link is connected to the ESL or E5X keypad bus before proceeding.

- Press PROG 99 ENTER, then the output# you want the infinity output to follow, then press ENTER. Now press ENTER again & the Keypad should start beeping, indicating that the ESL or ESX is waiting for an infinity output to be learnt
- Next press the PGM Button on the infinity output module & its LED will flash RED, then GREEN 2 times, indicating that the learn was successful.
- Providing the control panel programming is correct, the infinity output can now operate the garage door, gate or other device it is connected to.

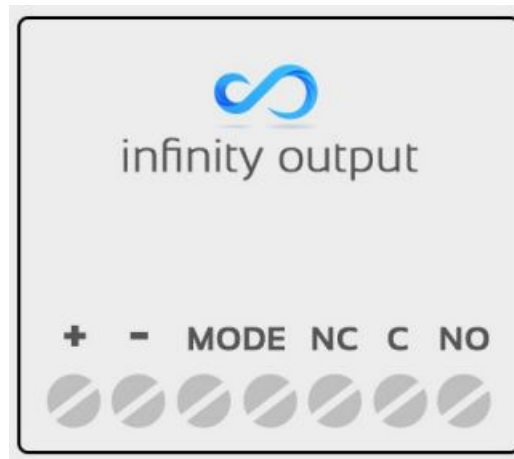
Example:

P 99 E 4 E E - Then press 'PGM Button' on the infinity output & the learn is complete.

Enter 2 times to start keypad learn beeps
Output you would like the infinity output to follow on the ESL or ESX
Programming Address

Standalone Mode

(no wire link)







Infinity remotes can be learnt directly into the infinity output module (with connected power supply) to operate garage doors, gates & more.

Learning

- The infinity output 'PGM Button' performs multiple learn/delete functions as detailed below. Once the required function has been selected, press a button on the infinity remote to learn.
- Each time a button is learnt the infinity output will exit programming mode.

Note: If a remote has been previously learnt into an infinity link or output, it CAN NOT be learnt to another link or output without cloning the modules alike. Visit www.aap.co.nz/out for cloning instructions.

PGM Button Functions

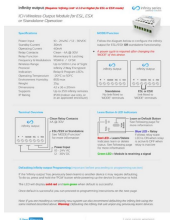
1.  **1st Press:** 2 Flashes Per Second= Button will learn a momentary (2 second) relay operation.
2.  **2nd Press:** 1 Flash Per Second= Button will learn a latching/toggle relay operation.
3.  **3rd Press:** 10 Flashes Per Second = Delete any remote button by pressing the button you wish to delete.
4.  **4th Press:** Exits program mode and returns the infinity output to normal operation. Automatically times out of programming mode after 30 seconds.

Cloning Modules (Required when using multiple standalone modules OR standalone modules along with E5L/E5X modules, all paired to the same remote). Visit www.aap.co.nz/out for cloning instructions.



Manufactured by AAP Ltd – www.aap.co.nz

Documents / Resources



[infinity AAP041 1-Channel Wireless Output Module for ESL or ESX](#) [pdf] User Manual
AAP041 1-Channel Wireless Output Module for ESL or ESX, AAP041, 1-Channel Wireless Out
put Module for ESL or ESX, AAP041 1-Channel Wireless Output Module, 1-Channel Wireless
Output Module, Wireless Output Module, Output Module, Module