EliteControl Infinity Series Wireless Door/Window Contact and Input Instructions

infinity input
Wireless Door/Window Contact & Input
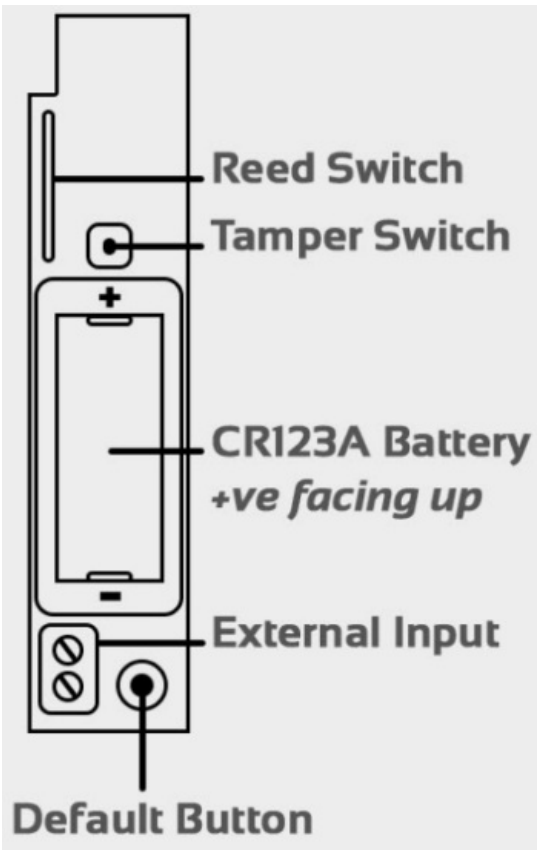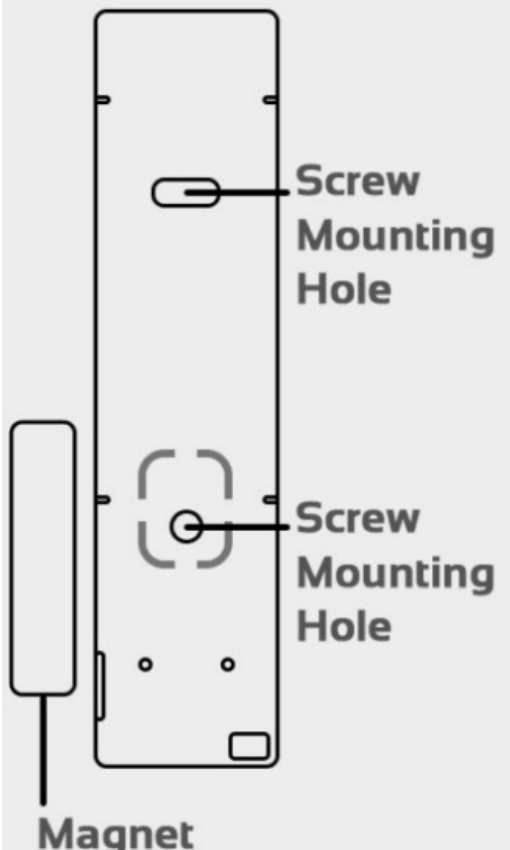
Contents

Specifications

Detection Method	Magnet or External Input
Wireless Range	Up to SOOm Line of Sight
Frequency	915MHz
Modulation Type	GFSK
Supervision	7 Minutes
Protocol	infinity 2 Way Encrypted
LED Indicator	Low Battery & Default
Tamper Switch	Front Cover Er Bath Tamper
Battery Type	1 x CRI23A Lithium
Battery Life	Up to 5 Years
Operating Temperature	-200ºC to 500ºC
Environment Humidity	85% max
Dimensions	97mm x 22mm x 21mm
Weight incl Battery	40g
Event Transmission	Alarm, Tamper, Low Battery & Supervision

Overview

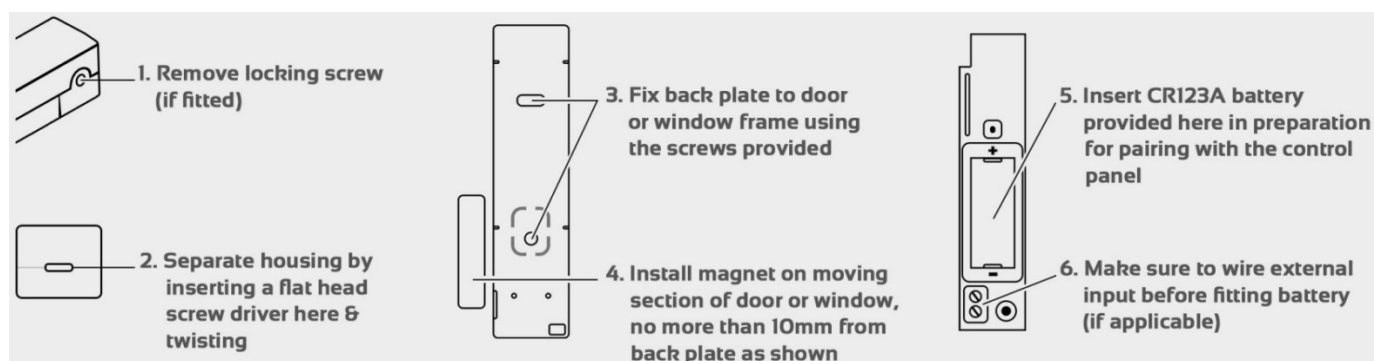| Circuit Board	Bach Plate
Reed Switch Tamper Switch CR123A Battery +ve facing up External Input Default Button	Screw Mounting Hole Screw Mounting Hole Magnet

Mounting Requirements

- Attach the transmitter to the door/window frame and the magnet to the moving section of the door or window
- Avoid installing in close proximity to metal materials (aluminum excluded) as this can negatively affect the transmission range & reed switch operation
- Only use the screws provided (and do not overtighten) as larger screws could damage the circuit board 6 and also prevent the tamper switch from working correctly
- Mount the device vertically on a flat surface to allow a maximum range
- Do not install the device onto or next to Ferromagnetic materials

10mm gap maximum

Hardware Mounting

1. Remove locking screw (if fitted)
2. Separate housing by inserting a flat head screw driver here & twisting
3. Fix back plate to door or window frame using the screws provided
4. Install magnet on moving section of door or window, no more than 10mm from back plate as shown
5. Insert CR123A battery provided here in preparation for pairing with the control panel
6. Make sure to wire external input before fitting battery (if applicable)

Detection Method Setup

This device will automatically configure the detection method during power-up

- **If the external input is open during power up the device will operate in 'Magnetic Mode'**
- **If the external input is sealed/closed during power up the device will operate in 'External Input Mode'**

Magnetic mode	External

Learning Procedure (make sure you are in installer programming before proceeding. Default P000000E)

Enable Wireless Input (P122E)
Press PROG 122 ENTER then the input number you wish to make wireless, followed by entering. Next, make sure options 19 and 5 are on. This makes the input active Ey wireless, then press ENTER to save
Example:

P 122 E 9 E turn 1 & 5 on E
Option 1 = Input is active   Option 5 = Input is wireless
Input you are working on
Programming Address

Learn Device into an Input (P164E) (ensure battery is correctly installed in the device before proceeding)

- Press PROG 164 ENTER then the input number you wish to enroll the device into, followed by entering
- Press ENTER again to start the learn beeps, indicating that the system is waiting to learn a device
- Activate the device tamper switch to complete the learning process and the head should stop beeping
- The keypad will now display the input number you learned from the device.
- Repeat the steps above using a different input (that is not in use) to learn another device or exit programming to test

Battery Status Indication
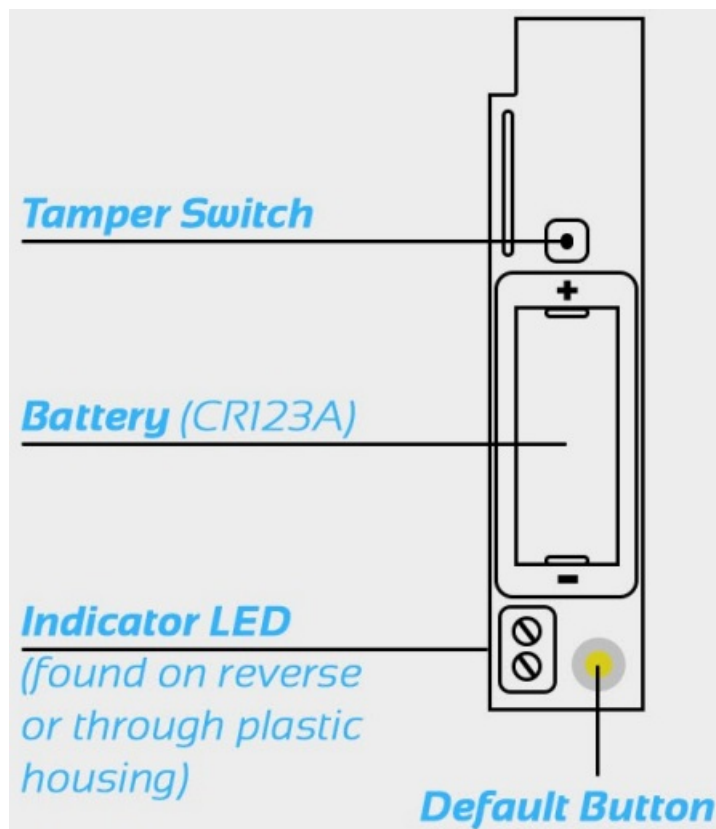
During normal operation, the LED indicator will display `green` if the battery level is OK. The same LED indicator will display as `red` if the battery requires replacement.

Battery low will be indicated at 2.2V 6 under.

Default Programming

If the 'infinity input' has previously been learned into a system it may require defaulting. To do so, press and hold the gold 'Default' button while inserting the battery 6 continue to hold.

The LED will display `solid red` and `turn green` when the default is successful

Note: If system defaults have changed you may need to reference the control panel manual for more information

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

Documents / Resources

EliteControl Infinity Series Wireless Door/Window Contact and Input [pdf] Instructions
Infinity Series, Wireless Door Window Contact and Input, Infinity Series Wireless Door Window Contact and Input