

Infinity Remote (V1.1.0 & Above)

2 Way Wireless 4 Button Remote

Compatible with EC, EC-i, ESL & Runner control panels



Specifications

Wireless Range	Up to 500m Line of Sight
Frequency	916MHz OR 868MHz
Modulation Type	GFSK
Protocol	infinity 2 Way Encrypted
Indication	Haptic & LED Feedback
Battery Type	1 x CR2032 Lithium (included)
Battery Life	Up to 5 Years
Operating Temperature	-20 °C to 60 °C
Environment Humidity	85% max
Dimensions	63mm x 38mm x 11mm
Weight incl Battery	25g
Functions	Arm, Disarm, Panic, Output Control, Battery Low Reporting & Haptic Feedback

Overview

Function

Program up to 8 functions
Automatically pairs to 'infinity link' during learn procedure.

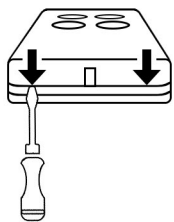


2 Way Feedback

Remote will vibrate & display a green LED to indicate a successful control panel operation.

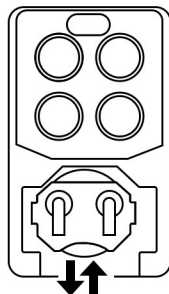


Battery Replacement



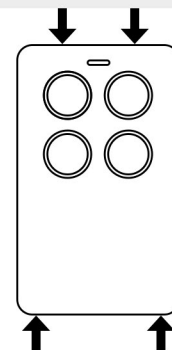
Remove Cover

Gently insert a small flat head screw driver into the 2 locations shown & twist



Change Battery

Remove old battery as shown and replace with a new CR2032



Re-fit Cover

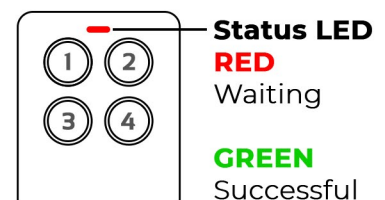
first place the cover over the top of the base unit & then clip both bottom corners by pressing firmly

Default Programming

If the 'infinity remote' has been previously learnt into a system it will require defaulting before being learnt into another panel or link.

1. To default: Press & hold button 1 (see Figure 1) until the **red LED** turns off.
2. As soon as the **red LED** turns off, keep holding button 1 while pressing button 2, then 4, then 3 in quick succession.
3. The **green LED** will flash momentarily to confirm that the default has completed successfully.

Figure 1



Delayed Press/Dual Press Function

The infinity remote can be programmed for instant press (default) **OR** delayed press (0.5sec delay). The 'Delayed Press' feature affects all buttons & also enables the 'Dual Press' function as follows:

*Changing the function will not work if the remote is communicating with the control panel.
To change to delayed press mode, temporarily disconnect the 'infinity link' before proceeding.*

1. Press & hold button 2 (see figure 1) until the RED LED turns off.
2. As soon as the RED LED turns off, keep holding button 2 while pressing button 1 five times in quick succession.
3. The GREEN LED will flash momentarily to indicate the function has changed.
4. Repeat steps 1 - 3 to change the function from 'Instant Press' to 'Delayed Press' & vice versa.

'Delayed Press' mode also enables the following button combinations, which can be learnt into the control panel as their own separate user slot. Ideal for dual panic or to enable up to 8 buttons on a single remote.



Learning Infinity Remotes into EC & EC-i Control Panels

Each button on an Infinity Remote can be learnt into a Radio User slot from User#101 to User#2000. User#140 up to User#189 have been pre-configured for remotes as detailed in the table below. *These defaults have been chosen to best represent the 4 icons on the Infinity Remote buttons.*

EC-i Pre-Configured User Slots Table *(The table below shows traditional keypad address programming (P18E etc). See next page for Installer Dashboard programming (recommended))*

Arm Users 140 - 149	Users 140 to 149 will ARM only Example: P 18 E 140 E E (learn beeps start) Press the remote button you wish to learn (learn beeps stop) <i>This button will now ARM the system</i>	
Disarm Users 150 - 159	Users 150 to 159 will DISARM only Example: P 18 E 150 E E (learn beeps start) Press the remote button you wish to learn (learn beeps stop) <i>This button will now DISARM the system</i>	
Output 3 Users 160 - 169	Users 160 to 169 will operate OUTPUT 3 & DISARM at the same time Example: P 18 E 160 E E (learn beeps start) Press the remote button you wish to learn (learn beeps stop) <i>This button will now DISARM the system & control output 3 at the same time</i>	
Output 4 Users 170 - 179	Users 170 to 179 will operate OUTPUT 4 & DISARM at the same time Example: P 18 E 170 E E (learn beeps start) Press the remote button you wish to learn (learn beeps stop) <i>This button will now DISARM the system & control output 4 at the same time</i>	
Panic Users 180 - 189	Users 180 to 189 will operate as a PANIC button Example: P 18 E 180 E E (learn beeps start) Press the remote button you wish to learn (learn beeps stop) <i>This button will now perform a PANIC function</i>	

Pre-Configured User Slot Information

- The examples shown use preconfigured user slots 140, 150, 160, 170, and 180, with five separate user slots assigned to one remote.
- A second remote performing the same functions would use slots 141, 151, 161, 171, and 181. Up to 10 Infinity Remotes can be added using the EC-i preconfigured user slots.

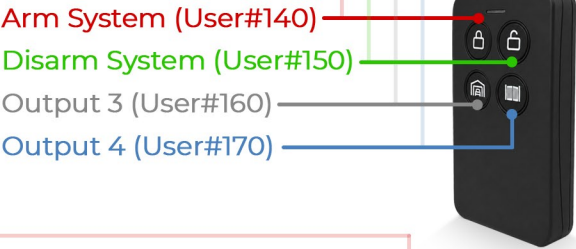
Important

If a remote is set to Delayed Press Mode, any button on the remote must be pressed & held for at least 0.5 seconds to operate.

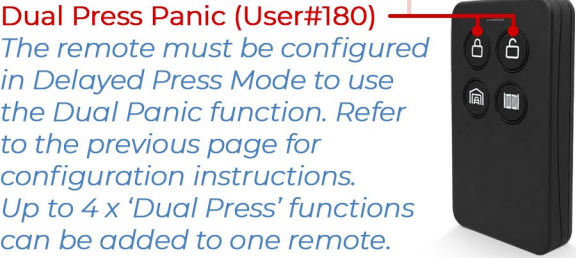
- Once 'Delayed Press Mode' has been configured, simply press both buttons at the same time during learning. You must also configure the user slot from installer programming within 'Code/Card Users' > 'Wireless' > 'Immediate Panic' from the installer dashboard, OR within P8E for traditional keypad address programming.

See next page for Infinity Remote learning procedure.

Default User Slot Example



Panic Default User Slot Example

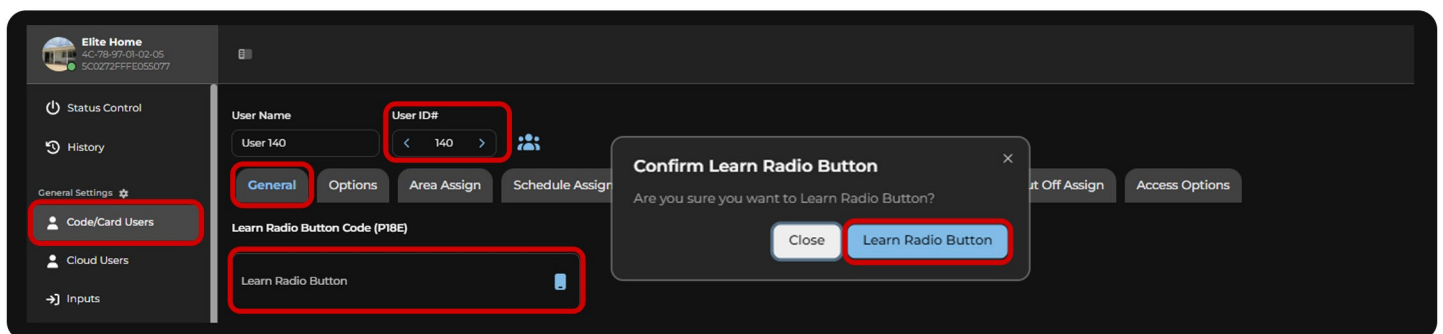


Infinity Remote Cloud Programming *(make sure you are within range of the Infinity Link transceiver)*

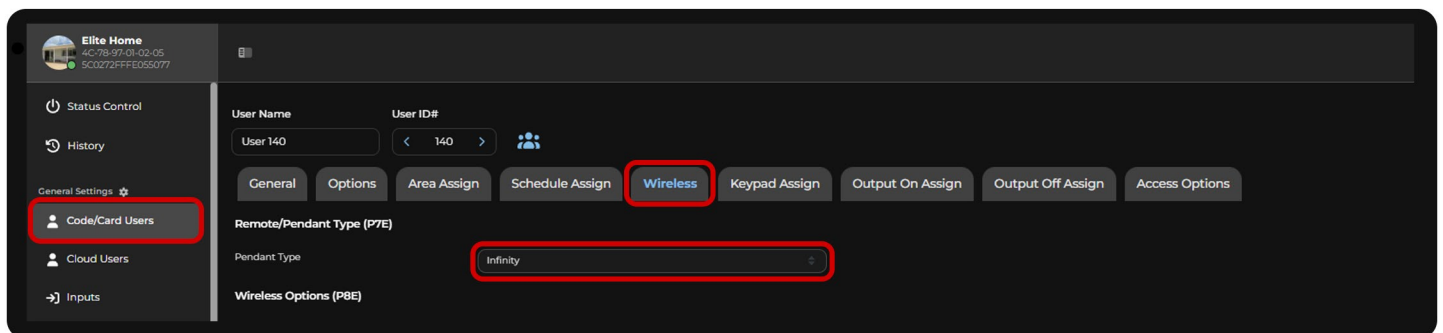
Infinity Remotes can be learnt into any User slot on the 'EC' or 'EC-i' control panel from 101 to 2000.

The easiest way to learn wireless devices is through the EliteAlarms Installer Dashboard.

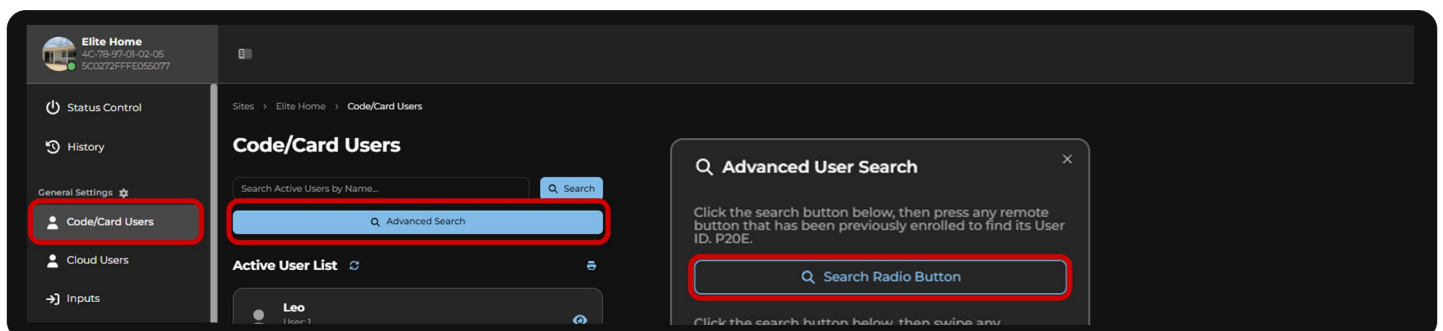
1. 'Sign In' to www.elitealarms.com with your 'Installer/Technician' account, then go to the site that you wish to program *(you must also have the 'Dashboard Plan' for cloud programming. This is free for the first 6 months & also free if you have 11 or more connected sites).*
2. Go to 'Code/Card Users', then navigate to a User ID# from 101 to 2000 that you wish to learn the first remote button into (see 'User ID# 140 in the example below). *User slots 140 to 189 are recommended as they are pre-configured for Infinity Remotes as per the table on pg2.*
3. Press 'Learn Radio Button', followed by the blue 'Learn Radio Button' as detailed in the example below: *The 'Learn Radio Button' button will turn blue & the alarm keypad will begin beeping to indicate that the system is waiting for an Infinity Remote button to be learnt.*
4. Press a button on the Infinity Remote & the keypad should stop beeping to indicate a successful learn. *Delete Radio Button can also be found within this same section.*



5. If the remote button does not learn, it is also important to make sure the Wireless Type is set to 'Infinity' as shown below. This is the default setting for EC & EC-i control panels. *Also if a remote has previously been learnt into another Infinity Link or Infinity Output, then it cannot be learnt into a second Link or Output without cloning. See Infinity Advanced Guide for more information.*



6. To find a remote that has been previously learnt, go to 'Code/Card User' > 'Advanced Search' > then 'Search Radio Button' as shown below. Next press the button you would like to find and the dashboard will automatically navigate to the user slot associated with that button.



See next page for traditional keypad address programming & troubleshooting.

Traditional Keypad Programming (Enter Installer Programming before proceeding)

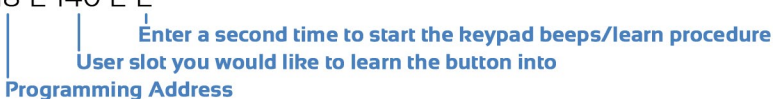
1. Learn Radio Button (P18E)

- Press PROG 18 ENTER then the user number you wish to learn, followed by ENTER & then ENTER again. (user slots 140 to 189 are pre-configured for Infinity Remotes. See pg 2 for more information).

The alarm keypad will begin beeping to indicate that the system is waiting for an Infinity Remote button to be learnt.

- Press a button on the Infinity Remote & the keypad should stop beeping to indicate a successful learn.

Example:

- P 18 E 140 E E


- To learn another remote, repeat the steps above using a different/unused user slot.

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

Troubleshooting & Other Information

Infinity Remote Won't Learn or Operate?

- Make sure the transceiver is plugged in and in range of the remote.
- Remote has possibly previously been learnt into another system. Default remote and try again.
Defaulting a remote will stop it from working with any devices that it was previously paired with.
- If delayed press is enabled then it can appear that the remote isn't working. Try pressing and holding the button. See pg1 for information on how to enable/disable Delayed Press function.

Infinity Remote Haptic Feedback not working?

- Haptic feedback is disabled when the battery is low, due to the remote entering power save mode.
- Power save mode will initiate at 2.2V and under. It is recommended to replace battery as soon as haptic feedback stops working.

Using more than one 'infinity link'?

Multiple 'Infinity Link' transceivers can connect to one control panel but must be cloned together. See 'Infinity Wireless Advanced Guide' for details.

Infinity Wireless Advanced Guide

elitealarms.com/manuals/installer/infinityadvanced



Web

elitealarms.com



LinkedIn

linkedin.com/company/elite-alarms

