



KITSEC Wireless Remote Manual

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.

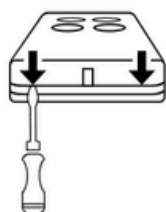


2 Way Feedback

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

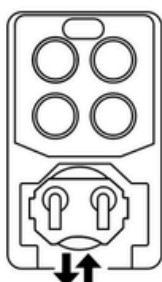


Battery Replacement



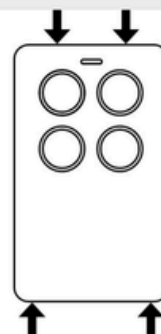
Remove Cover

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

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.

Default User Slot Example

Arm System (User#140)

Disarm System (User#150)

Output 3 (User#160)

Output 4 (User#170)



Panic Default User Slot Example

Dual Press Panic (User#180)

The remote must be configured in Delayed Press Mode to use the Dual Panic function. Refer to the previous page for configuration instructions. Up to 4 x 'Dual Press' functions can be added to one remote.



Traditional Keypad Programming (Enter Installer Programming before proceeding)

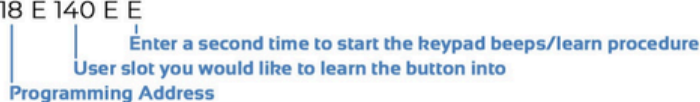
1. Learn Radio Button (P18E)

- 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.

Other Useful information

1. Infinity Motion Battery Draining Quickly?

Ensure the Walk Test jumper pins are not shorted during normal operation. When Walk Test mode is enabled, the Infinity Motion triggers every time movement is detected, causing excessive battery drain.

In normal mode, with the jumper removed, the sensor enters a two-minute sleep period after detecting movement to conserve battery power.

2. Moving an Existing Wireless Sensor to Another Control Panel Input?

Existing Infinity Motion and Infinity Input devices must first be deleted from the control panel before they can be enrolled into a different input.