



EliteControl EC-KP Slimline Hardwired Keypad Instruction Manual

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EC-KP v1.0

 **infinity series**
powered by **EliteControl**

Slimline Hardwired Keypad for EC-i, ESL, Runner & ESX-V2

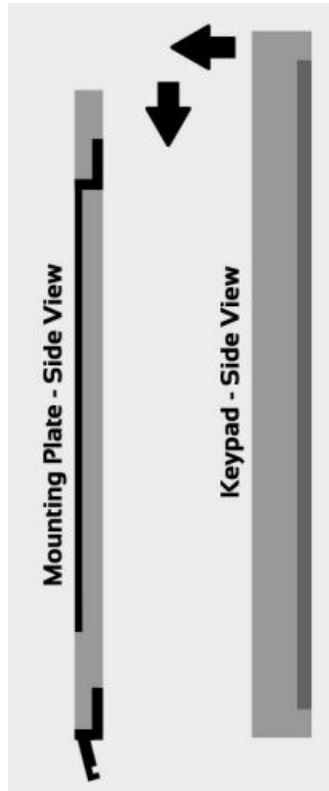
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Specifications

Voltage 72VDC
Current Draw 70mA max
Mounting Height (Recommended) 7.2m to 7.5m
Push Terminals 0.2mm² – 0.5mm² security cable
IP Rating IPX0 (indoor use only)
Tamper Calibration & alarm (optional)
Backlighting 3 programmable options
Mounting Vertical flush box or direct fix
Dimensions H118 x W74 x D72mm
Warranty 5 years

Fitment



- Fit mounting plate level on the wall.
- Make sure the entire system is powered down.
- Terminate POS, NEG, CLK & DAT as detailed in the 'Hardware & Cabling Overview' below
- Place keypad over mounting plate as shown then slide down until a click is heard from the securing clip.

Compatible Control Panels

EC-i, ESL-2, ESL, Elite S, Elite S Lite, ESX V2 & Runner

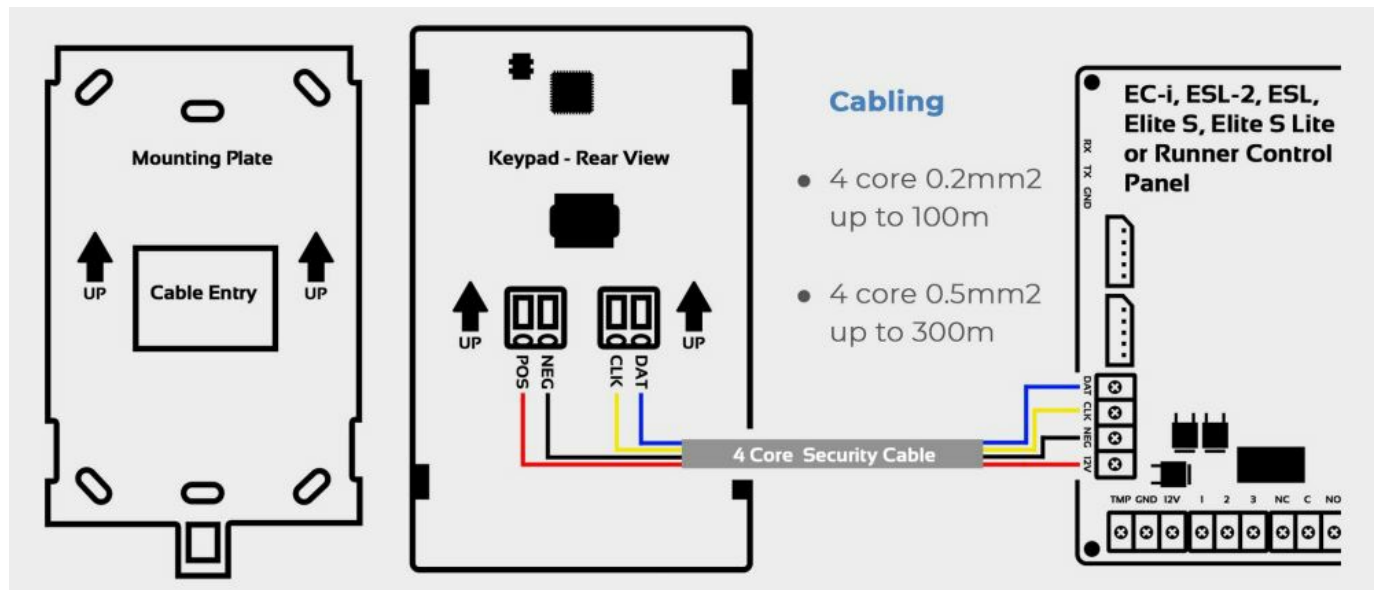
Programming & Display

Ensure the keypad is mounted to its backplate (on the wall) before use. This is imperative to ensure the capacitive touch calibrates correctly.

The EC-KP best programs & displays up to 8 x Inputs, 8 x Outputs, 8 x Areas, 8 x Keypads, 8 x Schedules & 8 x Holidays. Some programming values over '8' are available, however these are not recommended on the EC-KP due to the nature of the display.

Systems greater than 8 inputs, 8 outputs etc are best programmed via the EC-TOUCH, EC-LCD, web browser or EliteCloud dashboard (coming soon). It is recommended to use the EC-KP along with the EliteCloud smartphone app for the best user experience.

Hardware & Cabling Overview



Button & Icon Overview

AC/Battery Icon

Invisible = No power fault.
Solid Red = AC &/or battery failure is present.

Away Arm Button **Arm**

Solid White = Away disarmed for all areas.
Solid Red = One or more areas are armed.

Stay Arm Button **Stay**

Solid White = Stay disarmed for all areas.
Solid Red = One or more areas are stay armed.

Cancel Button **Cancel**

Press to perform the following functions:
Clear an incorrect code.
Cancel arming during exit delay.
Return back to the home screen.

Running Person Icon

Invisible = No open/active inputs.
Solid White = An input from 1-248 is open/active
Flashing White = Currently displaying open/active inputs (from 1-8 only).

Info Button

Solid White = Everything OK.
Solid Red = There is a current system fault.

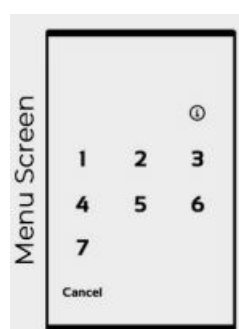
Code Entry Indicators

Displays how many digits are currently input on the keypad. Press Cancel button to clear.

Enter/Confirm Button

Must be pressed after code entry for code to be accepted or action to be performed.

Menu (Programming & Diagnostics)



- Press the Info icon (i) found on the home screen to access the menu.

- Each number represents the following functions from within the menu:

1. **Installer Programming** – Requires installer code to access this function.
2. **Alarms/Activations** – Shows activated inputs from the previous arm cycle (only displays inputs 7 – 8).
3. **Current System Faults** – Each fault within option 3 is indicated by a number as detailed below:
 1. System Tamper Alarm
 2. Input Tamper Alarm (wired or wireless)
 3. Supervision Alarm
 4. Fuse Failure
 5. Communicator Failure
 6. Wireless Device Battery Low
 7. Remote Battery Low
 8. Excessive Wrong Code Attempts
4. **Sleep Options** – Select the preferred option from 7 – 3 below then press ✓ to confirm.
 1. Illumination will time out after 30 seconds & will only wake when touched.
 2. Illumination will time out after 30 seconds & will wake with any sensor movement.
 3. Illumination is on continuously.
5. **Brightness** – 7 = Least bright & 6 = Most bright. Once selected, press .✓ to confirm.
6. **Beep/Buzzer** – 7 = Lowest frequency & 9 = Highest frequency. O = Beep/Buzzer OFF Select the preferred option followed by ✓ to confirm.
7. **Open/Active Inputs** – Displays any input (from 7 – 8 only) that is open/active. Open/Active inputs above 8 can not be viewed on the EC-KP due to the nature of the display.

The best UX is achieved by pairing the EC-KP with the EliteCloud smartphone app.

Installer Programming

→] Enter Installer Programming from the home screen

- Press the 'Info Button ' (i) & options 1 – 7 will appear.
- Press option 1 to access installer programming & (i) will slow flash white.
- Enter the correct installer code (default 000000) followed by ✓ to confirm.
- (i) will fast flash white to indicate you are in installer programming.

←] Exit Installer Programming

- Press the 'Cancel' button several times until you return to the 'Home Screen'.

Keypad Address

Setting or Retrieving the Keypad Address

- Enter installer programming as detailed above:
Make sure (i) is fast flashing white to indicate that you are in programming mode before proceeding.

- Press 902 followed by the ✓ icon & the current keypad address will flash back on the numeric display.
- Next enter the new keypad address followed by the ✓ icon to confirm. The new address will flash back.

Note: All keypads on one system must be set to their own independent address to help avoid bus conflict.

- Press the 'Cancel' button 2 times to exit back to the 'Home Screen'.

Address Type Programming

Address programming is available via the EC-KP, however some addresses are restricted on this keypad. Below is a summary of the most common programming addresses for ESL & EC-i. Make sure you are in installer programming as detailed above before proceeding.

User Codes

Cancel 1 ✓ 1 ✓ New Code (1 to 6 digits) ✓ - This example is to set/change 'User 1'.

Cancel 1 ✓ 2 ✓ New Code (1 to 6 digits) ✓ - This example is to set/change 'User 2'.

Input Entry Delays

Cancel 144 ✓ 1 ✓ Delay Time (0 to 9999 Seconds) ✓ - This example is to set/change 'Input 1'.

Cancel 144 ✓ 2 ✓ Delay Time (0 to 9999 Seconds) ✓ - This example is to set/change 'Input 2'.

Exit Delay

Cancel 60 ✓ 1 ✓ Delay Time (0 to 255 Seconds) ✓ - This example is to set/change 'Area 1'.


See our ESL, EC-i or ESX V2 control panel manuals for a complete list of programming options.

Important

IPXPO (indoor use only) 

Keep away from high voltage & inductance. 

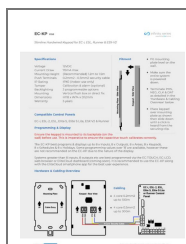
Avoid installing in direct sunlight. 

Avoid installing in high humidity. 



Manufactured by Arrowhead Alarm Products Ltd – www.aap.co.nz

Documents / Resources



[EliteControl EC-KP Slimline Hardwired Keypad](#) [pdf] Instruction Manual
EC-KP Slimline Hardwired Keypad, EC-KP, Slimline Hardwired Keypad, Hardwired Keypad, Keypad

References

- [User Manual](#)

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