

ELITE S LCD KEYPAD INSTALLATION

Arrowhead LCD Keypad:

To Separate the two keypad halves carefully inserting a small flat blade screwdriver into the release slots on the bottom edge of the keypad and applying a gentle pressure. This will release the bottom edge of the housing enough for you to unclip the top. Screw the base to the wall using the mounting holes provided. These holes will match the standard single switch plate spacing. Ensure the base is mounted right side up. The back is labelled TOP. Once the back is fixed and the keypad is wired, align the two top clips first then push the bottom firmly in to the back.

Crow LCD Keypad:

To separate the two keypad halves of the Crow LCD KP, unscrew the fastening screw at the bottom of the keypad and pull from the bottom out. Screw the base to the wall using the mounting holes provided. These holes will match the standard single switch plate spacing. Ensure the base is mounted right side up. The screw should be at the bottom on the base. When fixing the base to the wall make sure the top of the screw heads will not touch or short out the underside of the PCB when the top half of the keypad is reinstalled. Bring the cables through the centre of the base.

Wiring:


Connect the 4 wires to the 5 way terminal block on the rear of the keypad PCB making sure to match the cables up with the terminals as marked on the control panel's keypad port. The 5th wire is an optional "Listen-in" connection. It is connected from the "LIN" terminal of the keypad to the "Lin" terminal of the panel keypad port. With the Listen-in wire connected the user to hear the call progress during dialling at the keypad (provided the desired program options at address P175E 6E are turned on).

The maximum recommended cable distance using standard 0.2mm security cable is 50m. Cable runs exceeding this distance may require 0.5mm cable. Always use good quality cable. Some installations may require CAT5 data cable to ensure data integrity in noisy sites.


Addressing the Keypad:

A total of 8 devices (keypads or proximity readers) can be connected to the panel. Each keypad must be addressed individually to avoid BUS conflicts when multiple users are operating different keypads simultaneously. By default, each keypad comes addressed as KP # 1. Setting the LCD keypad address is done in "Local Program Mode".

To enter "**Local Program Mode**" on the LCD Keypad you must press and hold the <CONTROL> button down and within 3 seconds press and also hold the <ARM> button until the display shows "Local Mode".

When in Local Program Mode the display will show  local mode kb 1
with the number 1 meaning the keypad address is currently 1.

To change the keypad address to be different to others connected on the panel press;

<PROGRAM> 996 <ENTER>
The display will now show  Keypad number
1

Select an unused address, eg "2" then press <ENTER> to save.

To Exit "Local Program Mode" press and hold the <PROGRAM> Button for two seconds.

Local Program Mode is also used to customize zone, output, panel and user names and text. Use the navigation arrows whilst in local program mode to move through the different fields. For more described details go to page 21 for the Installation Manual.

If you do not assign a unique address to every keypad and reader connected to the keypad buss, a conflict will exist that will cause erratic operation. Each reader or keypad MUST have a different address