

Kensington Control Panel

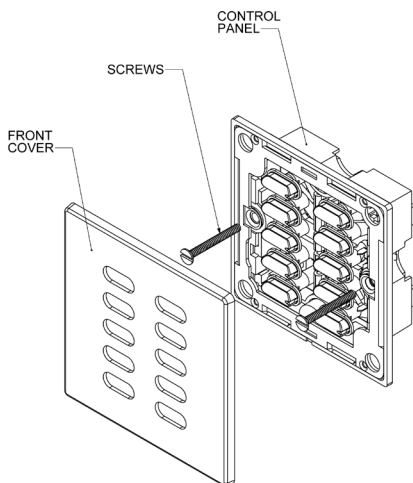
Installation guide



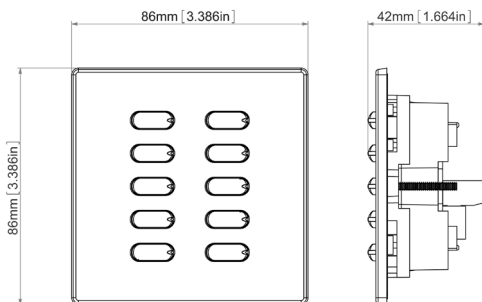
Introduction

The Kensington Control Panel provides an elegant and flexible solution for control of lighting systems. The adaptable design allows you to choose from a range of button combinations, which can be fitted and changed at any time. Where fitted, raise and lower buttons compliment the usual selection buttons to allow immediate changes to the intensity of any scene.

An optional infrared remote control allows similar functionality from anywhere within the room via the optional detector built into the front face plate of the panel. The Kensington Control Panel is connected to the source controllers using an iCANnet connection on the rear of the panel.



Dimensions



Fixing to a wallbox

The Kensington Control Panel fits into standard single gang 47mm deep UK backbox. Backboxes available from Eaton.

Hartland CFX (Clip-on Cover)

Use the screws provided to attach the panel to the backbox before clipping the front cover onto the assembly.

Care and Maintenance

The front cover plate should only be cleaned gently with a clean, damp cloth. Abrasive cleaners, polishes, solvent based cleaning agents, or alkali based cleaners should not be used.

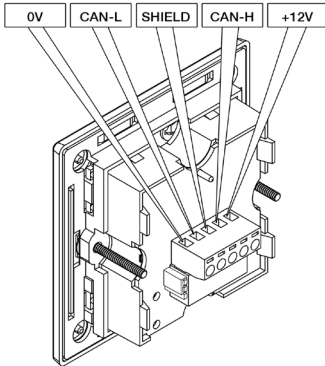


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Control wiring

The Kensington Control Panel uses iCAN network connections to ensure reliable and responsive transfer of control signals between multiple devices.

Cable connections are made to a removable 5-way connector block located at the rear of the Kensington Control Panel main body:



Function	Cable Colours
0V	Black
CAN L	White
Shield	Silver
CAN H	Blue
+12Vdc	Red

The following cable strategies may be used for wiring the iCAN network.

It is not recommended to mix cable types in a single installation.

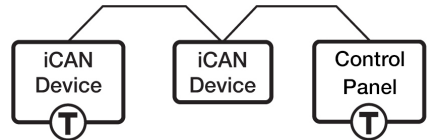
Network Cable

Maximum cable length: 1000m (3275 ft.)

Devices per segment: 100 (without bridge or repeater)

Termination

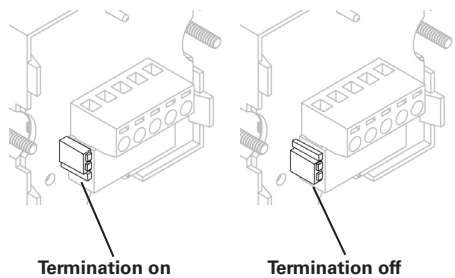
The iCANnet link is a 'daisy chain' protocol that requires termination on the device located at either end of the chain.



T - Indicates where a termination is required.

The Kensington Control Panel is supplied with termination disabled as standard. If the Kensington Control Panel is connected as an end device in the chain, you will need to enable termination.

To enable termination, move the jumper from the lower two pins to the upper pins, as shown here:



Button Configuration

It is possible to modify the button configuration to suit different front panels by moving button caps to any of the 9 or 10 (depending on panel type) available positions. To remove, pull the button cap gently away from the button actuator. To replace, push into the actuator cavity ensuring that the moulded key in the cap aligns with the actuator slot.

Programming Socket

Where fitted on appropriate 9 button panels, an RJ12 connector is available to allow configuration and programming using iLight software. To access the connector, remove the front cover - the connector is located in the bottom right of the panel (absent on 10 button and IR capable versions).

Scene Selection

To select a scene press one of the buttons identified by either a number, indicated by a specific legend or that is blank.

To turn lights off press the button marked Off or O.

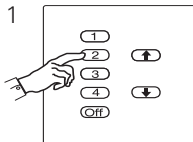
To raise the level of scene press \blacktriangle (when fitted).

To lower the level of scene press \blacktriangledown (when fitted).

Programming Lighting Scenes

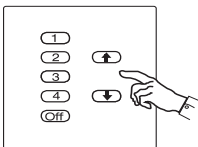
To enter programming mode - press buttons 7 and 9 together for 10 seconds. To enter programming mode on Architrave panels - press buttons 6 and 7 together for 10 seconds. This avoids accidental or unauthorised re-programming. If a variant is not fitted with external buttons at the positions mentioned, the switches will still be fitted to the circuit board. This means that programming can still be performed using panels with few buttons. Where control panels are fitted with the IR receiver, the programming may be carried out using the hand held remote control device. The example below is for a 7 button European panel.

Step 1



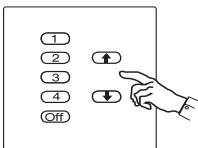
Select preset scene to be changed by pushing button 1 - 4. The button LED will indicate current scene.

Step 2



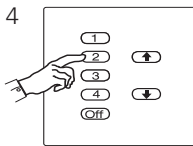
Hold down the raise \blacktriangle and lower \blacktriangledown buttons together until all the button LEDs light up (approximately 10 seconds)

Step 3



To increase or decrease the brightness of all channels at the same time press the raise \blacktriangle , lower \blacktriangledown , or off **Off** buttons until the required brightness is reached.

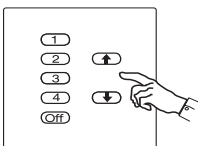
Step 4



To set the levels of an individual channel, press 1 - 4 to select channels. The button LED will indicate which channel you have selected. When more than 4 Channels are to be set press 1 twice for channel 5, press 2 twice to select channel 6, press 1 three times to get channel 9 etc. (each press of the button increases the active channel number by 4).

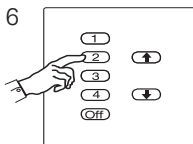
Note: this is only possible for XRP042 & XRP043 panels if the front cover is removed first.

Step 5



Press the raise \blacktriangle , lower \blacktriangledown , or off **Off** buttons until the lamps on the selected channels reach the desired level. Select the next channel and change in the same way.

Step 6



When all channels of the preset scene have been established, press buttons 1 and 2 together and the levels will be stored to the current preset. To program another preset repeat steps 1 - 6. To leave programming mode, without saving changes, press buttons 3 and 4 together.

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CE compliant to all relevant standards



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