



Square Configurable Wired Keypad Installation Guide

Supported Model

- C4-SKCB-XX Square Configurable Wired Keypad

Introduction

The Control4® Square Configurable Wired Keypad is intended for use in a Control4 system. It installs in a standard UK square wallbox. Communication to the Control4 system is via RS-485 protocol and wiring. For RS-485 wiring topologies, refer to the document *Keypad Bus Wiring Guide*.

Box Contents





- Square Configurable Wired Keypad
- Keycap Button Kit
- Pluggable Terminal Block
- Warranty Card

Specifications

The specifications are described below.


Model Number	C4-SKCB-XX
Power Requirements	48VDC
Power Consumption	Maximum 48VDC 1.2W Minimum 48VDC 0.7W
Environmental	
Operational Temperature	32°F - 104°F (0°C - 40°C)
Humidity	5% to 95% non-condensing
Storage	-4°F - 158°F (-20°C - 70°C)
Miscellaneous	
Control Communications	RS-485
Weight	0.1 lb. (0.045 kg)
Shipping Weight	0.3 lb. (0.14 kg)

Warnings and Considerations

-  **IMPORTANT!** Using this product in a manner other than outlined in this document voids your warranty. Further, Control4 is NOT liable for any damage incurred with the misuse of this product. See "Troubleshooting."
-  **IMPORTANT!** Do NOT use a power screwdriver to install this device. If you do, you may overtighten the screws and strip them. Also, overtightening the screws may interfere with proper button operation.
-  **IMPORTANT!** This is an electronic device with intricate components. Handle and install with care!
-  **CAUTION!** Do not exceed the number of keypads per power supply as indicated in the *Keypad Bus Wiring Guide*. Exceeding the maximum number of keypads will result in overheating the wires and/or failed devices.

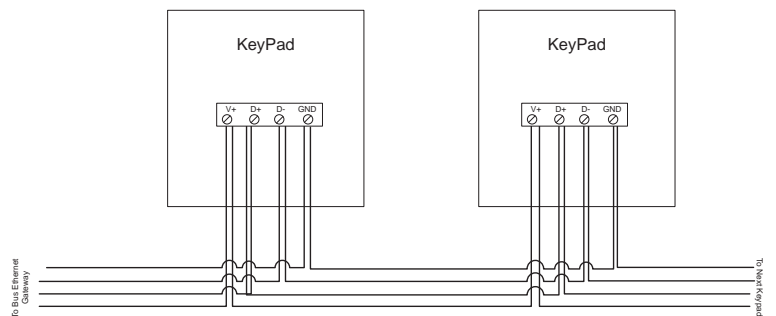
ATTENTION! Ne pas dépasser le nombre de claviers par bloc d'alimentation comme indiqué dans le Guide de câblage du clavier. Si vous dépasser le nombre maximal de claviers les fils et / ou dispositifs pourrai surchauffer.

Installation Instructions


-  **CAUTION!** When wiring the keypad, make sure that either:
 - The Bus Power Supply is **not** powered on.
 - OR -
 - The pluggable connector is disconnected from the Bus Power Supply.
- ATTENTION!** Lors du branchement du clavier, assurez-vous que
 - Le Bus d'alimentation n'est pas sous tension ou
 - La prise est déconnecté de l'alimentation.

- Prepare the cable for termination by stripping the outer sheath and individual wires, and then wire into the pluggable terminal block.
- Wire the keypads as shown below.

Figure 1. Keypad Wiring



- Fit the wires back into the wallbox.
- Align the keypad to the wallbox (observe the orientation direction arrow), then fasten it with the included screws.

-  **IMPORTANT!** Tighten the screws until the device is flush with the wall surface, but no further. Overtightening can warp the keypad and cause it to malfunction.

- 5 Install the buttons following the instructions in the *Keypad Buttons Installation Guide*.
- 6 Install the Control4 faceplate (sold separately) by placing the top of the faceplate on the device and firmly pressing the bottom until the faceplate snaps into place against the wall.



NOTE: To remove the faceplate, use a flathead screwdriver. Insert the screwdriver into the small gap on the bottom between the faceplate and the device. Twist the screwdriver blade to pop the faceplate off.

- 7 Ensure that the Bus Power Supply is installed correctly and powered on. For instructions, see the *Bus Power Supply, 48V Installation Guide*.

Wiring Diagrams

For bus wiring details, refer to the *Keypad Bus Wiring Guide*.

Operation and Configuration

On initial power up, all status LEDs on the keypad will illuminate green, indicating that the device has power. Until the keypad has been configured into a Control4 system, it will not control any loads. To set up this keypad for use with a Control4 system, refer to the *Composer Pro User Guide*.

Button Tap Sequences

The button tap sequences are defined in the table below. Button tap sequences that require a single (1) button should use the top-most button installed on the keypad. Button tap sequences requiring two (2) buttons should use the top-most and bottom-most (or bottom-left) buttons installed on the keypad.

Function	Button Sequence
Identify	4
Reboot	15
Factory Reset	9-4-9
Unidentify	13-4-13

Troubleshooting

If the LEDs do not light up indicating that the keypad is receiving power::

- Ensure that the Bus Power Supply is powered on.
- Ensure that the Bus Ethernet Gateway is powered on and connected.
- Check for proper wiring (see "Installation Instructions" above).
- For help on the installation or operation of this product, email or call the Control4 Technical Support Center. Provide your exact model number. Contact support@control4.com or see the website www.control4.com

Care and Cleaning

- Do NOT paint the keypad or its wall plate.
- Do NOT use any chemical cleaners to clean the keypad.
- Clean surface of the keypad with a soft damp cloth as needed.

Regulatory/Safety Information

To review Regulatory information for your particular Control4 products, see the information located on the Control4 website at: <http://www.control4.com/regulatory/>.

Patent Information

Applicable patents are available at: <http://www.control4.com/legal/patents>.

Warranty

For complete warranty information, including details on consumer legal rights as well as warranty exclusions, review the Warranty card or visit: www.control4.com/warranty.