Control4® Panelized Lighting Quick Start Guide

Supported models

The Panelized Lighting line of products consists of:

- 5-Slot Panel (C4-DIN-5PAN)
- 2-Slot Panel (C4-DIN-2PAN)
- 8-Channel Dimmer (C4-DIN-8DIM-E)
- 8-Channel Dimmer Terminal Block (C4-DIN-TB-8DIM)
- 8-Channel Relay (C4-DIN-REL-E)
- 8-Channel Relay Terminal Block (C4-DIN-TB-8REL)
- 8-Channel 0-10V Dimmer (C4-DIN-8TV-E)
- 8-Port Ethernet Switch (C4-DIN-8ESW-E)
- Decora® Wired Keypad (C4-KCB-xx)
- Square Wired Keypad (EU/UK) (C4-SKCB-xx)
- 4-Channel Bus Dry Contact Input Module (C4-DCIM4)
- Bus Ethernet Gateway (C4-DIN-BEG)
- 48V Bus Power Supply (C4-DIN-BPS48)
- Power/Override Terminal Block (C4-DIN-TB-PO) for 8-Port Ethernet Switch, 8-Channel 0-10V Dimmer, and 48V Bus Power Supply

Things to consider before you install Panelized Lighting products

1   Create a lighting plan with load types and panel locations. See the *Panelized Lighting Planning Guide for Dealers*. Ensure that your electrician reviews the *Panelized Lighting Reference Guide for Electricians*.

2   Attend the training sessions and view the Panelized Lighting videos on Control4 University or in the Resources pages at dealer.control4.com.

3   Create the Panel Report, Module Report, and the Load Schedule for the designers and electricians to use for reference. These reports are the blueprints for wiring the components together. See the *Composer Pro User Guide* or training videos on Control4 University for details.

4   Install the Panelized Lighting 5-Slot or 2-Slot Panel first. See the *5-Slot and 2-Slot Panel Installation Guide* for details.

5   Install and wire the terminal blocks after you install the panel. See the *Terminal Block Installation Guide* and *Terminal Block Wiring Guide* for details.

6   Install and wire the load control modules, Ethernet Switch, Bus Power Supply, and Bus Ethernet Gateway after you install the terminal blocks. See the *8-Channel Dimmer Installation Guide*, *8-Channel Relay Installation Guide*, *8-Channel 0-10V Dimmer Installation Guide*, *8-Port Ethernet Switch Installation Guide*, *48V Bus Power Supply Installation Guide*, or *Bus Ethernet Gateway Installation Guide* for details.

7   Install and wire the wired keypads and Dry Contact Input Modules after you install the panel modules. See the *4-Channel Bus Dry Contact Input Module Installation Guide*, *Decora Wired Keypad Installation Guide, Square Wired Keypad Installation Guide,* and the *Keypad Bus Wiring Guide* for details.

Things to consider when adding Panelized Lighting products to the Composer Pro project

> **Important**: Composer Pro 2.5.0 or later is required to install and configure Panelized Lighting products. We recommend that you always use the latest version of Composer Pro.

1 Use Virtual Director (Composer Pro 2.5.x) or Virtual System (Composer Pro 2.6.0 and later) to create floors, rooms, and add the drivers.

2 Add all of the Panelized Lighting "Light" drivers in each room. Set the Load # and Watts properties for each load in the Advanced Properties view of the driver or in the Light Properties agent.

3 Add the 8-Channel Dimmer, 8-Channel 0-10V Dimmer, 8-Port Ethernet Switch, 8-Channel Relay, Bus Power Supply, and Bus Ethernet Gateway to the project in System Design view. See the installation guides or *Composer Pro User Guide* for details.

4 Set the properties for each module in System Design view.

5 Connect the modules to the loads in Connections View.

6 Add the panels to the project in System Design view, then connect the modules to the panels in Connections view.

7 Generate the Panel Report, Module Report, and the Load Schedule.

8 Add the keypads and create the lighting scenes. Lighting scenes are defined through the Composer Pro Advanced Lighting Scenes agent.

9 Program the Panelized Lighting devices as required.

Resources

You can find some useful information in these documents and videos (in most cases, a dealer login is required).

Design and planning guides

- *Lighting Design Guide* (ctrl4.co/ldg)
- *Keypad Bus Wiring Guide* (ctrl4.co/buswiring)
- *Panelized Lighting Reference Guide for Electricians* (ctrl4.co/pl-rg)
- *Panelized Lighting Planning Guide for Dealers* (ctrl4.co/pl-pg)
- *Composer Pro Getting Started Guide* (ctrl4.co/cpro-gs) or *Composer Pro Getting Started* help (in the Composer Pro software)
- *Composer Pro User Guide* (ctrl4.co/cpro-ug)

5-Slot and 2-Slot Panels documentation

- *5-Slot and 2-Slot Panels Data Sheet* (ctrl4.co/panel-ds)
- *5-Slot and 2-Slot Panels Installation Guide* (ctrl4.co/panelinstall)

8-Channel Relay documentation

- *8-Channel Relay Data Sheet* (ctrl4.co/8chrelay-ds)
- *8-Channel Relay Installation Guide* (ctrl4.co/8chrelay-ig)
- *8-Channel Relay Wiring Guide* (ctrl4.co/8chrelay-wiring)

8-Channel Dimmer documentation

- *8-Channel Dimmer Data Sheet* (ctrl4.co/8chdim-ds)
- *8-Channel Dimmer Installation Guide* (ctrl4.co/8chdim-ig)
- *8-Channel Dimmer Wiring Guide* (ctrl4.co/8chdim-wg)
- *8-Channel Dimmer Operation and Configuration Guide* (ctrl4.co/8chdim-ocg)

8-Channel 0-10V Dimmer documentation

- *8-Channel 0-10V Dimmer Data Sheet* (ctrl4.co/8ch010dim-ds)
- *8-Channel 0-10V Dimmer Installation Guide* (ctrl4.co/8ch010dim-ig)
- *8-Channel 0-10V Dimmer Wiring Guide* (ctrl4.co/8ch010dim-wg)

8-Port Ethernet Switch documentation

- *8-Port Ethernet Switch Data Sheet* (ctrl4.co/ethsw-ds)
- *8-Port Ethernet Switch Installation Guide* (ctrl4.co/ethsw-ig)
- *8-Port Ethernet Switch Wiring Guide* (ctrl4.co/ethsw-wg)

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Terminal Block documentation

- *Terminal Block Data Sheet (ctrl4.co/block-ds)*
- *Terminal Block Installation Guide (ctrl4.co/blockinstall)*
- *Terminal Block Wiring Guide (ctrl4.co/blockwiring)*

Wired keypads and keypad bus documentation

- *Square Wired Keypad Data Sheet (ctrl4.co/sq-wrd-ds)*
- *Square Wired Keypad Installation Guide (ctrl4.co/sq-wrd-ig)*
- *Decora Wired Keypad Data Sheet (ctrl4.co/dec-wrd-ds)*
- *Decora Wired Keypad Installation Guide (ctrl4.co/dec-wrd-ig)*
- *Keypad Buttons Installation Guide (ctrl4.co/butn)*
- *4-Channel Bus Dry Contact Input Module Installation Guide (ctrl4.co/dciminstall)*
- *Bus Ethernet Gateway Installation Guide (ctrl4.co/beg-ig)*
- *Bus Power Supply, 48V Installation Guide (ctrl4.co/bps48)*
- *Keypad Bus Wiring Guide (ctrl4.co/buswiring)*

Videos and training

We are constantly adding new quick reference sheets and videos to support our products. Please check the Dealer Portal (dealer.control4.com) and Control4 University (go.bluevolt.com/control4/home) often to see what's new. In most cases, a dealer login is required.

- *Lighting Solutions Overview (ctrl4.co/vid-lso)*
- *Panelized Lighting: Panel Features (ctrl4.co/vid-pl-panel)*
- *Panelized Lighting, Part 1: Panels, Reports, and Terminal Blocks (ctrl4.co/vid-pl-p1)*
- *Panelized Lighting, Part 2: Wiring the Terminal Blocks (ctrl4.co/vid-pl-p2)*
- *Panelized Lighting, Part 3: Wiring the Modules (ctrl4.co/vid-pl-p3)*
- *Panelized Lighting, Part 4: Wiring the Bus Devices and Keypads (ctrl4.co/vid-pl-p4)*

More help

For the latest version of this guide and to view additional materials, open the URL below or scan the QR code. Your device must be able to view PDFs.

MOST RECENT VERSION

ctrl4.co/pl-qsg

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