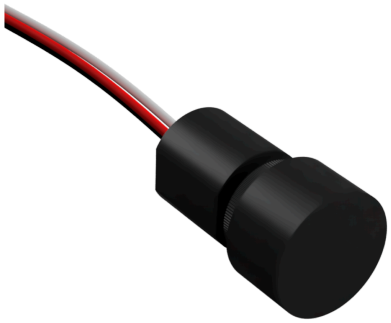
Data sheet

XWD-ID-K

Inline knob dimmer for constant-voltage LED loads



PRODUCT OVERVIEW

The XWD-ID-K is a wired inline knob dimmer for remote, localized control of constant-voltage LED loads in X-PoE® lighting systems.

Installed between an X-PoE® switch, an XPD, and the connected LED load, it accepts 30-60VDC input power and provides PWM dimming on the output.

The panel-mount knob combines tactile click feedback with rotary dimming control, giving occupants a physical local control point without adding an additional smart device to the room.

It is well suited for hospitality reading lights, task lighting, and under-cabinet lighting where a tactile knob interface is preferred near the illuminated work area.

When paired with the XPD system, the XWD-ID-K supports room-level occupancy control while preserving individual localized control at the panel.

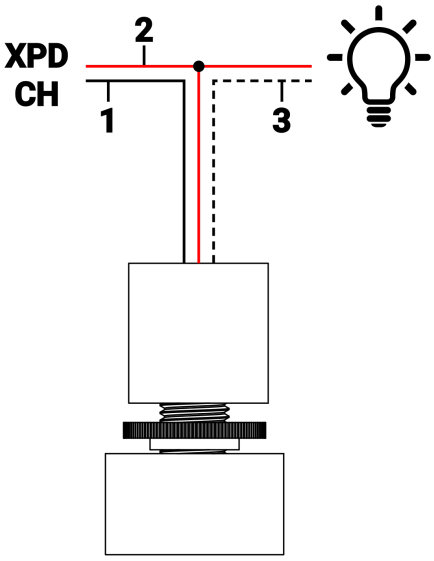
CONFIGURATIONS

XWD-ID-K: Panel-mount inline knob dimmer with tactile click feedback, rotary dimming control, black metal finish, three-wire pigtail connection, and 0-7A output rating.

FEATURES

Inline dimming	PWM dimming for constant-voltage LED loads
	30-60VDC input range
	0-7A wired output rating
Localized control	Rotary knob control with tactile click feedback
	Low-cost remote-control option without adding another smart device
	Works in line with an X-PoE® switch and XPD
Panel-mount construction	Black metal finish
	Compact panel-mount form factor for reading-light and task-light control locations
	Front backing nut for straightforward installation
System behavior	On power-up, the connected light remains off until commanded locally
	Coordinates with X-PoE® room occupancy: off at power-up and when vacant; local touch and dimming when the space is occupied, with the blue LED showing the control is live.
Warranty	2-year limited warranty

WIRING DIAGRAM



1. Input (BLACK): V_{in}-
2. Input/Common (RED): V_{in}+; common feed to LED V+
3. Output (WHITE): dimmed output to LED V-

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TECHNICAL SPECIFICATIONS

Category	Specification	XWD-ID-K
MECHANICAL	Dimensions	38 mm x 23 mm x 23 mm (1.5 in x 0.91 in x 0.91 in), not including wires
	Panel Cut-Out	10 mm (0.39 in)
	Maximum Panel Thickness	5 mm (0.2 in)
	Mounted Profile	Maximum 19 mm (0.75 in) proud of panel
	Finish	Black metal finish
	Weight	0.05 lb (0.02 kg)
INTERFACES	Control Type	Rotary knob control with tactile click feedback and stepless dimming
	Conductors	Three-wire pigtail: (1) black input negative conductor, (1) red input/common positive conductor, (1) white output negative conductor
	Wiring	Input: Black (V_{in}-); Output: White (V_{in}-); Common: Red ($V_{in/out}$+)
ELECTRICAL	Power Input	30-60VDC
	Power Output	0-7A
	Load Type	Constant-voltage LED loads
	Dimming Method	PWM output dimming
SYSTEM	System Role	Inline local dimming control used with an X-PoE® switch and XPD
	Occupancy Integration	Enables room-level occupancy control through the X-PoE® system while providing individual localized control
ENVIRONMENT	Environment	Indoor dry locations
GENERAL	Warranty	2-year limited warranty

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