

**Important: Read all instructions prior to installation.**

**Wireless LED Dimmer Push Button Switch for EZ Dimmer Series Controllers**

**Parts Included**

- 1 - 868MHz LED Dimmer Push Button Switch
- 1 - 3V CR2025 Battery
- 2 - Mounting Screws

**Push Button Switch**

**1 On/Off/Brightness Push Button**

Press switch for remotely activating / controlling LED products.

**Button Actions:**

Single Press	Turns LEDs on/off. If the Controller Pairing Switch has been depressed, a single press on the Push Button Switch pairs the switch to the Controller.
Hold Press	Increases or decreases LED intensity until you release, turning Controller on will remember the last memory position

**Controller**

**2 Pairing Switch**

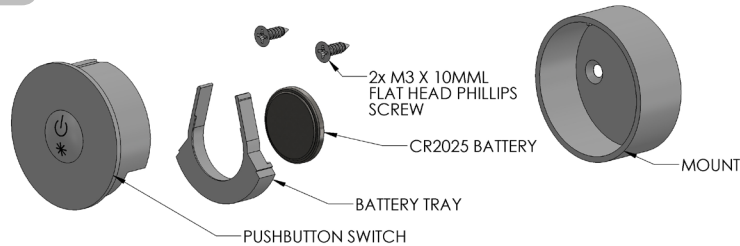
To pair Push Button Switch to Controller, press the Controller Pairing Switch once and then press Push Button Switch. Lights will blink once to indicate pairing. To unpair Push Button Switch(es), press and hold Controller Pairing Switch until lights blink twice.

**3 Master/Slave Jumper**

Set Jumper to Master for main Controller. Master emits synchronization signal to Slave Controllers. Set Jumper to Slave to receive synchronization signal from Master Controller. Use Master for the first Controller in each zone. To achieve precise synchronization between Controllers in one zone, set additional Controllers to slave.

**Battery Replacement Instructions**

- Follow illustrated steps to replace the battery.
- Locate notch in the back plate. Use a flat-head screwdriver to remove back plate from the housing.
- Remove PCB board completely from the front housing.

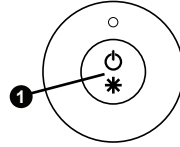


- If replacing battery: Push old battery down-and-out of it's slot.
- Insert the 3V (CR 2025) battery, push PCB board back into front plate along with the power button. Push back plate into place to complete the assembly.

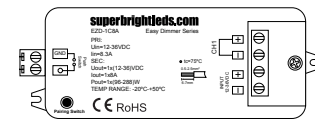
**Battery Safety**

- Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- Even used batteries may cause severe injury or death.
- Call a local poison control center for treatment information.
- Non-rechargeable batteries are not to be recharged.
- Do not force discharge, recharge, disassemble, heat above (manufacturer's specified temperature rating) or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.
- Ensure the batteries are installed correctly according to polarity (+ and -).
- Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.
- Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
- Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.

**EZD-1C-PB Push Button Switch**

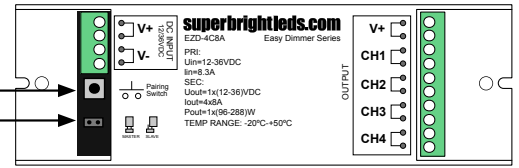


**EZD-1C8A Controller**



EZD-1C-PB Push Button Switch	
Operating Voltage	3 VDC
Battery Size	CR2025
Operating Frequency	868 MHz
FCC ID#	2AHST-RF28XX01

**EZD-4C8A Controller**



EZD-4C8A Controller		
Input Voltage	Current	Output Wattage
12~36 VDC	4 X 8A	384W(12V) 768W(24V) 1152W(36V)

EZD-1C8A Controller		
Input Voltage	Current	Output Wattage
12~36VDC	1 X 8A	96W(12V) 192W(24V) 288W(36V)

**FCC Statement**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Set-Up Instructions**

**Remote**

- Follow illustrated steps to remove the Battery Tray. Insert the 3V battery included with the Push Button Switch.

**Controller**

- Make sure power to the Controller is disconnected.
- Using a small flathead screwdriver, loosen the labeled terminal screws visible on the top of the controller.
- Matching light strip wires with labeled slots on the Controller, insert wires and tighten terminal screws. Be sure wire conductor, not wire insulation, is secured in terminal.
- Turn power on and wait until light strip illuminates. If it does not come on, check light strips and wiring connections.

**Safety**

- DO NOT install with power applied to controller.
- DO NOT expose the Push Button Switch or Controller to moisture.

**WARNING**

- INGESTION HAZARD:** This product contains a button cell or coin battery.
- DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- KEEP** new and used batteries **OUT OF REACH OF CHILDREN**
- Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.

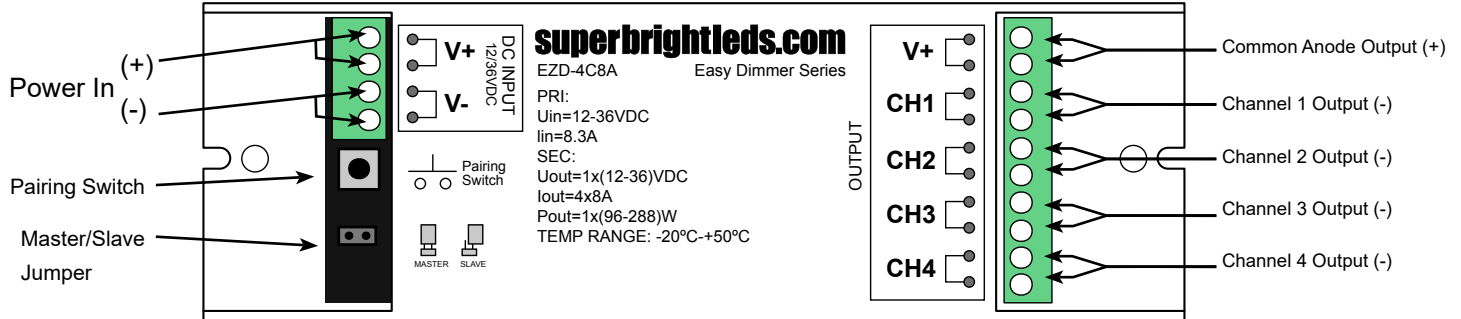


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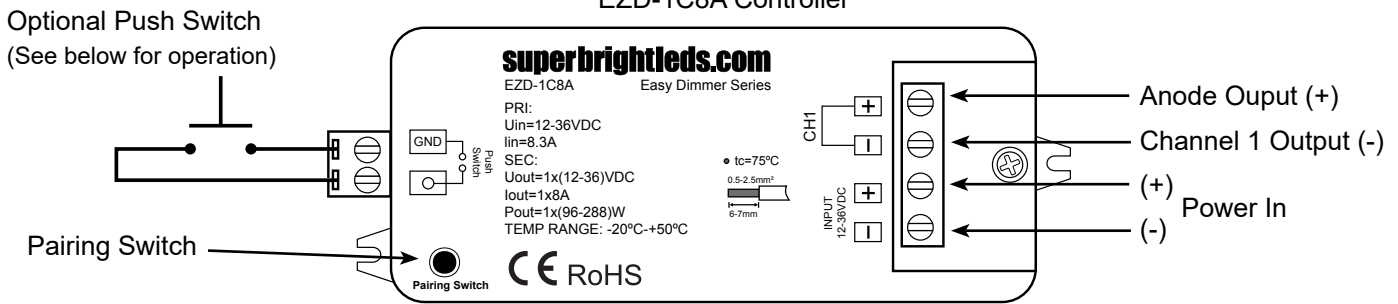
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### Connection Diagram

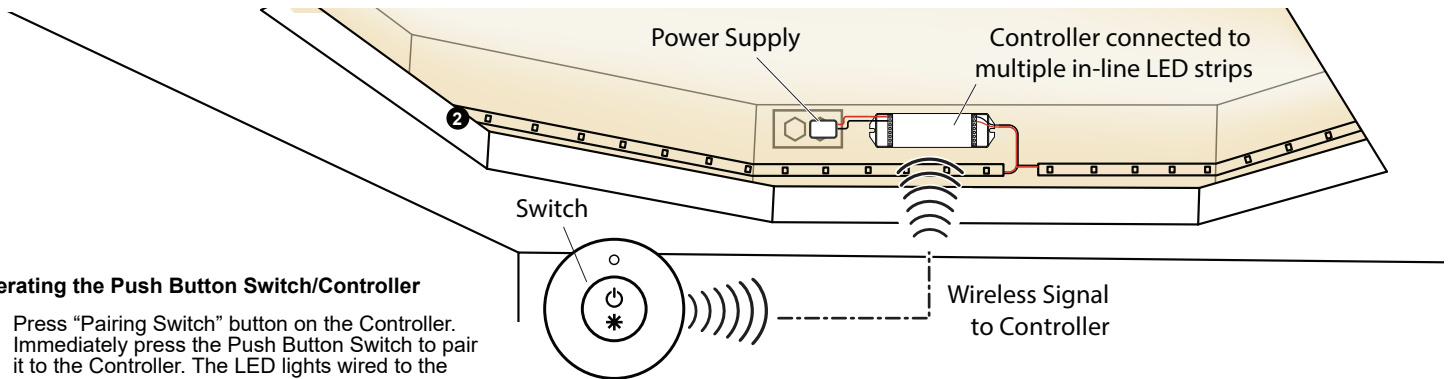
EZD-4C8A Controller



EZD-1C8A Controller



### Cove Lighting Application



#### Operating the Push Button Switch/Controller

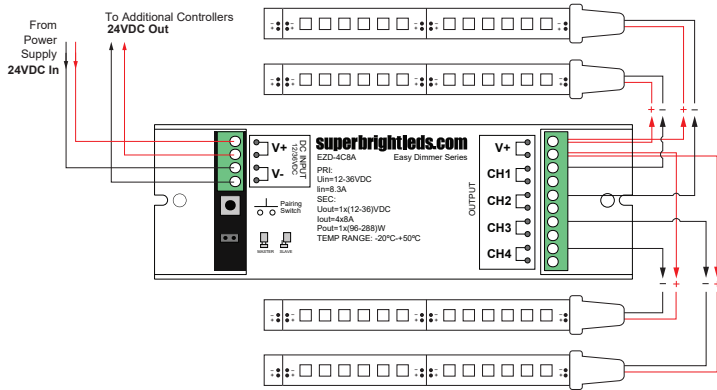
1. Press "Pairing Switch" button on the Controller. Immediately press the Push Button Switch to pair it to the Controller. The LED lights wired to the Controller will blink when the pairing is complete.
2. Multiple Push Button Switches can be paired to a Controller, and Push Button Switches can be paired to multiple Controllers. If multiple Controllers paired to a Push Button Switch are not in sync, unpair and then pair until Controllers and lights are in sync.

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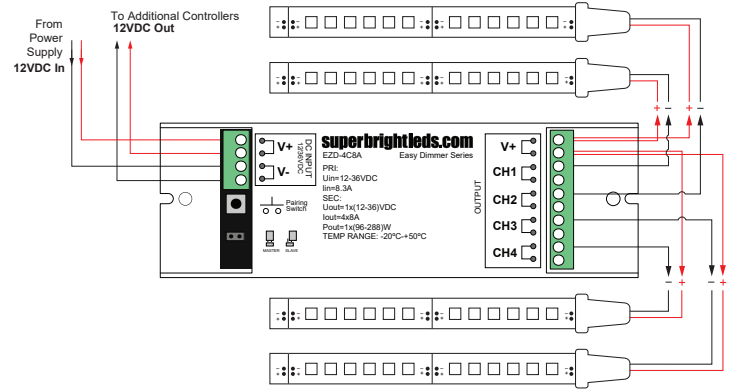
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## Example Diagrams

(1) Single Color 24VDC Application / EZD-4C8A



(2) Four Color 12VDC Application / EZD-4C8A



(3) Single Color 12VDC Application / EZD-1C8A

