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

❶ On/Off/Brightness Push Button
Press switch for remotely activating / controlling LED products.

Button Actions:

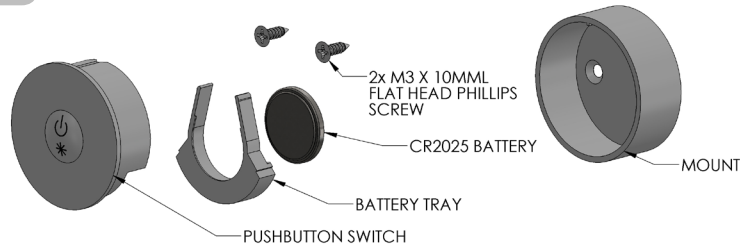|	
Single Press	Turns LEDs on/off. If the Controller Pairing Switch has been depressed, a single press on the Push Button Switch pairs the switch to the Controller.
Hold Press	Increases or decreases LED intensity until you release, turning Controller on will remember the last memory position

Controller

❷ 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.

❸ 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.

EZD-1C-PB
Push Button Switch

EZD-4C8A Controller

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		
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) 288(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
1. Follow illustrated steps to remove the Battery Tray. Insert the 3V battery included with the Push Button Switch.

Controller
1. Make sure power to the Controller is disconnected.
2. Using a small flathead screwdriver, loosen the labeled terminal screws visible on the top of the controller.
3. 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.
4. 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.
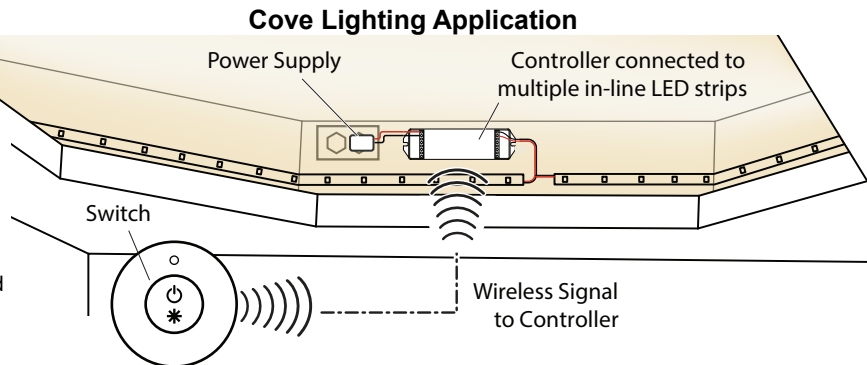
Battery Replacement Instructions

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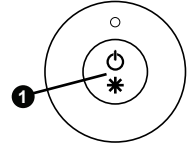3. Remove PCB board completely from the front housing.

2x M3 X 10MML FLAT HEAD PHILLIPS SCREW

CR2025 BATTERY

MOUNT

BATTERY TRAY

PUSHBUTTON SWITCH

4. **If replacing battery:** Push old battery down-and-out of it's slot.
5. 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.

Cove Lighting Application

Power Supply

Controller connected to multiple in-line LED strips

Switch

Wireless Signal to Controller
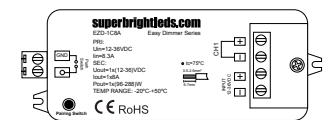
Operating the Push Button Switch/Controller

1. Press "Pairing Switch" button on the Controller. ❷ 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.
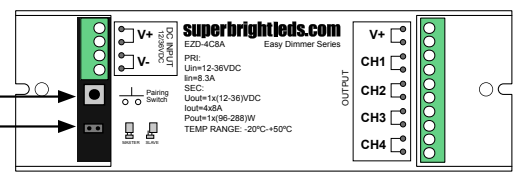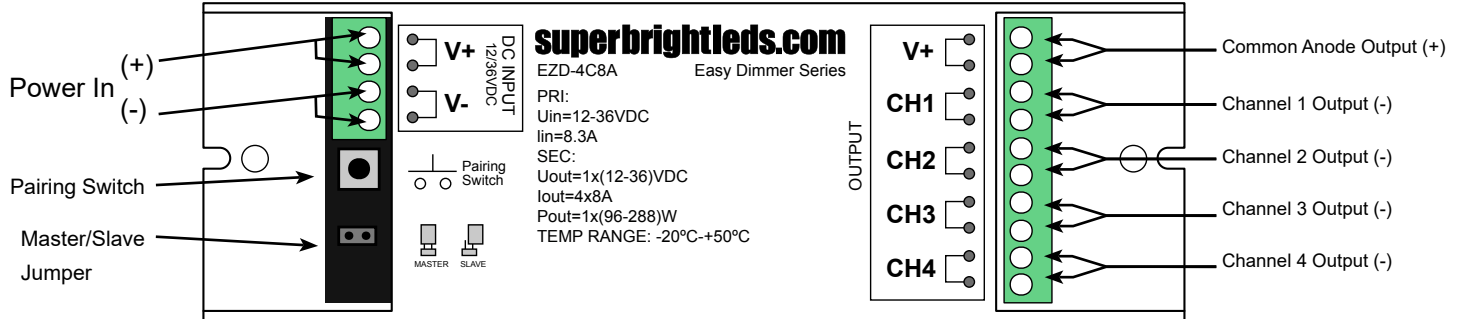
superbrightleds.com

Important: Read all instructions prior to installation.
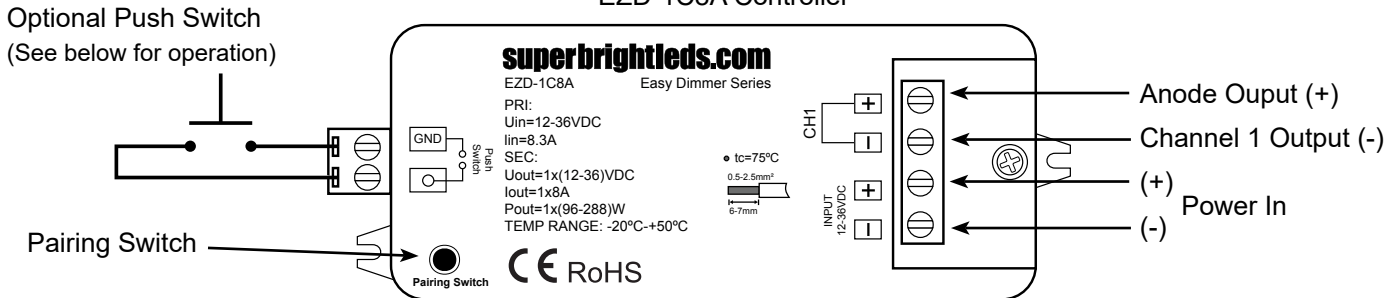
Wireless LED Dimmer Push Button Switch for EZ Dimmer Series Controllers
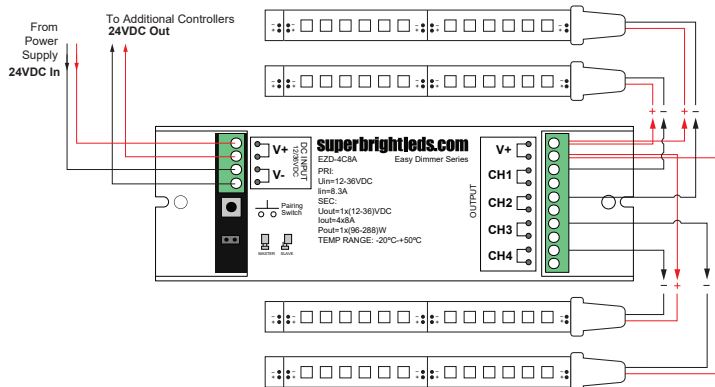
Connection Diagram

EZD-4C8A Controller

Power In (+) (−)

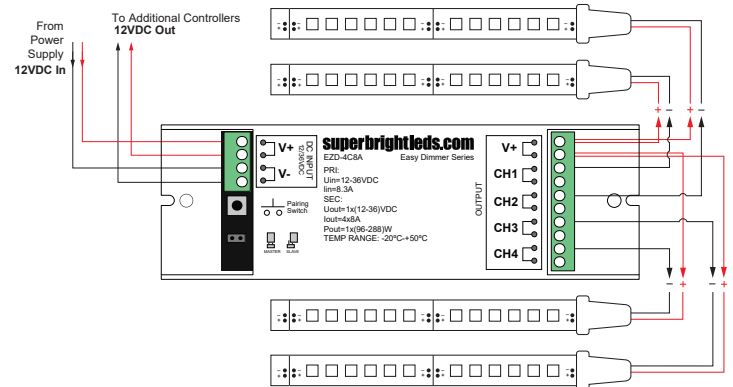Pairing Switch

Master/Slave Jumper

superbrightleds.com
EZD-4C8A Easy Dimmer Series
PRI:
Uin=12-36VDC
Iin=8.3A
SEC:
Uout=1x(12-36)VDC
Iout=4x8A
Pout=1x(96-288)W
TEMP RANGE: -20°C-+50°C

DC INPUT 12/36VDC — V+ / V−
Pairing Switch
MASTER SLAVE

OUTPUT — V+, CH1, CH2, CH3, CH4

Common Anode Output (+)
Channel 1 Output (−)
Channel 2 Output (−)
Channel 3 Output (−)
Channel 4 Output (−)

EZD-1C8A Controller

Optional Push Switch
(See below for operation)

GND
Push Switch

Pairing Switch

superbrightleds.com
EZD-1C8A Easy Dimmer Series
PRI:
Uin=12-36VDC
Iin=8.3A
SEC:
Uout=1x(12-36)VDC
Iout=1x8A
Pout=1x(96-288)W
TEMP RANGE: -20°C-+50°C
● tc=75°C
0.5-2.5mm²
6-7mm
CE RoHS

CH1 — INPUT 12-36VDC

Anode Ouput (+)
Channel 1 Output (−)
(+) Power In
(−)

Example Diagrams

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

From Power Supply 24VDC In
To Additional Controllers 24VDC Out

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

From Power Supply 12VDC In
To Additional Controllers 12VDC Out

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

Optional Push Switch
(See below for operation)

NFLS-NW300-WHT-LC2

From Power Supply 12 VDC In

Optional Push Switch	
Single Press	Turns LEDs on/off
Hold Press	Increases or decreases LED intensity until you release