Important: Read all instructions prior to installation.

Wireless LED Dimmer 5-Zone Remote for EZ Dimmer Series Controllers

Parts Included
1 - 868MHz LED Dimmer 5-Zone Remote
1 - 3V CR2025 Battery
1 - Magnetic Remote Holder

Remote

1. Master On/Off Buttons
   Turn on or off all Controllers that are programmed to the Remote.

2. Zone On/Off/Intensity Buttons
   Each Button is label 1–5, one for each zone. A single press of a Zone On (I) Button will turn that zone on. Pressing and holding one of the Zone On (I) Buttons will increase intensity in that zone. A single press of a Zone Off (O) Buttons will turn that zone off. Pressing and holding one of the Zone Off(O) Buttons will decrease the intensity in that zone. If the Controller Pairing Switch has been depressed, a single press of any Zone Button will pair that zone to the Controller.

Controller

Pairing Switch
To pair Remote to Controller, press the Controller Pairing Switch once and then press one of the Zone Buttons. Lights will blink once to indicate pairing. To unpair Remote(s), press and hold the Controller Pairing Switch until the lights blink twice.

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.

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 Cover. Insert the 3V battery included with the Remote.
2. Make sure power to the Controller is disconnected.
3. Using a small flathead screwdriver, loosen the labeled terminal screws visible on the top of the Controller.
4. 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.
5. Turn power on and wait until light strip illuminates. If it does not come on, check light strips and wiring connections.

Battery Replacement Instructions

1. Release Battery Cover by pressing on the ridges of the Cover and slide away from the middle of Remote.
2. Remove battery from Remote noting the battery orientation. “+” will be visible.
3. Insert new 3V(CR2025) and replace Battery Cover.

Safety

• DO NOT install with power applied to Controller.
• DO NOT expose the Remote or Controller to moisture.

Battery Specifications

Part Number:
EZD-1C5
Controller: EZD-4C8A or EZD-1C8A

Input Voltage Current Output Wattage
12–36 VDC 1 X 8A 96W(12V) 192W(24V)

Controller connected to multiple in-line LED strips

Operating the Remote/Controller

1. Press “Pairing Switch” button on the Controller. Immediately press the Zone Button on the Remote you want to pair Controller to. The LED lights wired to the Controller will blink when the pairing is complete.
2. Multiple Remotes can be paired to a Controller, and Remotes can be paired to multiple Controllers. If multiple Controllers paired to a Remote are not in sync, unpair and then pair until Controllers and Remotes can be paired to multiple Controllers.

Cove Lighting Application

Output Voltage Current Output Wattage
12~36 VDC 4 X 8A 384W(12V) 768W(24V)
12~36VDC 1 X 8A 96W(12V) 192W(24V)

Operating Frequency 868 MHz
FCC ID# 2AHST-RF283X

Operating Voltage 3 VDC
Battery Size CR2025

Control Temp Range: -20ºC-+50ºC
Input Voltage Current Output Wattage
12~36 VDC 1 X 8A 96W(12V) 192W(24V)
12~36VDC 1 X 8A 96W(12V) 192W(24V)

Pout=1x(96-288)W
lin=8.3A
Uin=12-36VDC
SEC:
PRI:
Uout=1x(12-36)VDC
Iout=4x8A
lin=8.3A
Uin=12-36VDC
SEC:
PRI:
Iout=4x8A
Uout=1x(12-36)VDC
lin=8.3A
Uin=12-36VDC
SEC:
PRI:

0.5-2.5mm²
tc=75ºC
lin=8.3A
Uin=12-36VDC
SEC:
PRI:
Iout=4x8A
Uout=1x(12-36)VDC
lin=8.3A
Uin=12-36VDC
SEC:
PRI:

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

FCC ID# 2AHST-RF283X
Operating Frequency 868 MHz
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)

EZD-1C5 Remote
Operating Voltage 3 VDC
Battery Size CR2025
Operating Frequency 868 MHz
FCC ID# 2AHST-RF283X

4400 Earth City Expy, St. Louis MO 63045 866-590-3533 support@superbrightleds.com
Important: Read all instructions prior to installation.

Wireless LED Dimmer 5-Zone Remote for EZ Dimmer Series Controllers

**EZD-4C8A Controller**

- **Power In (+)**
- **Pairing Switch**
- **Master/Slave Jumper**

**EZD-1C8A Controller**

- **Anode Output (+)**
- **Channel 1 Output (-)**
- **Power In (-)**

Optional Push Switch (See below for operation)

**Example Diagrams**

1. **Single Color 24VDC Application / EZD-4C8A**

2. **Four Color 12VDC Application / EZD-4C8A**

3. **Single Color 12VDC Application / EZD-1C8A**

<table>
<thead>
<tr>
<th>Optional Push Switch</th>
<th>Single Press</th>
<th>Turns LEDs on/off</th>
<th>Hold Press</th>
<th>Increases or decreases LED intensity until you release</th>
</tr>
</thead>
</table>

**EZD-4C8A**

- **Input**
  - DC 12V
  - 24VDC

- **Output**
  - 12VDC
  - 24VDC

- **12VDC In**
- **24VDC In**

**EZD-1C8A**

- **Master/Slave Jumper**

**NFLS**

- **Part Number:**
  - NFLS-B300-WHT-LC2
  - NFLS-R300-WHT-LC2
  - NFLS-RGBX2-LC4
  - NFLS-NW300-WHT-LC2
  - NFLS-NW600X2-24V-LC2
  - NFLS-NW600X2-12V-4LC2

**Parameters:**

- **Pout:** 1x(96-288)W
- **Iout:** 4x8A
- **Uout:** 1x(12-36)VDC
- **Current:** 8.3A
- **Input:** 12-36VDC
- **Temperature Range:** -20ºC-+50ºC

**Instructional Sheet**

**Part Number:**

- **Ezd-1C5**

**Controller:** EZD-4C8A or EZD-1C8A

**Contact Information:**

- **4400 Earth City Expwy, St. Louis MO 63045**
- **866-590-3533**
- **support@superbrightleds.com**