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› [Sloan LED](#) /

› Led Light Part: Multi Zone Control Dc-Dc Converter 12Ac Overmold

Sloan LED 701898-DLO

Sloan LED Multi-Zone Control DC-DC Converter User Manual

Model: **701898-DLO** | Brand: **Sloan LED**

PRODUCT OVERVIEW

The Sloan LED Multi-Zone Control DC-DC Converter is designed to manage multiple lighting zones, providing efficient and flexible control over your LED lighting system. This unit functions as a light controller, specifically for LiquaLED Multi-Zone systems, operating on a 12V input.

Key features include:

- Multi-zone control capability.
- 12V AC/DC input compatibility.
- Designed for LiquaLED systems.
- Energy efficient operation.



Figure 1: Front view of the Sloan LED Multi-Zone Control DC-DC Converter, showing the main unit with input and four zone output cables connected. The input cable is a black and white twisted pair, and the output cables are grey with black connectors.

SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance and longevity of your Multi-Zone Control DC-DC Converter. Please follow these steps carefully.

1. **Power Disconnection:** Before beginning any installation, ensure that the main power supply to your lighting system is completely disconnected to prevent electrical shock.
2. **Mounting:** Identify a suitable, dry location for mounting the controller. The unit features mounting tabs for secure attachment. Ensure adequate ventilation around the unit.

3. **Input Power Connection:** Connect the 12V AC or 12V DC power supply to the designated "INPUT" terminals on the controller. The input cable is typically a black and white twisted pair. Ensure correct polarity if using DC power.



Figure 2: Top view of the controller, clearly showing the "INPUT" section with labels for "12 VAC" and "12 VDC", and the "ZONES" section labeled 1 through 4. This view also shows the CE and UL certifications.

4. **Zone Output Connections:** Connect your individual LED lighting zones to the corresponding "ZONES" output ports (1, 2, 3, 4) on the controller. Each zone output is designed to connect to a specific lighting circuit.



Figure 3: Side view of the controller, illustrating the four grey output cables extending from the unit, ready for connection to LED lighting zones. The main input cable is also visible.

5. **Control Interface Connection:** Connect the ribbon cable from the controller to your remote control interface or app-enabled device. This connection facilitates communication for controlling the zones.



Figure 4: Rear view of the controller, highlighting the ribbon cable extending from the bottom, which is used for connecting to the control interface (remote or app). The mounting holes are also visible.

6. **Power Restoration:** Once all connections are secure and verified, restore power to the lighting system.

OPERATING INSTRUCTIONS

The Sloan LED Multi-Zone Control DC-DC Converter is designed for intuitive operation via a remote control or a dedicated application.

1. **Power On/Off:** Use the designated power button on your remote control or within the control app to turn the entire lighting system on or off.

- 2. **Zone Selection:** Select individual lighting zones (1-4) using the corresponding buttons or interface elements on your remote or app. This allows for independent control of each connected lighting circuit.
- 3. **Brightness Adjustment:** If your connected LED lights and control interface support it, adjust the brightness levels of selected zones using the dimmer controls provided.
- 4. **Color Control:** For RGB or tunable white LED lights, use the color selection features on your remote or app to change the light color as desired.

Refer to the specific user manual for your remote control or control application for detailed instructions on its features and functions.

MAINTENANCE

The Sloan LED Multi-Zone Control DC-DC Converter requires minimal maintenance to ensure long-term performance.

- **Cleaning:** Periodically wipe the exterior of the unit with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Environment:** Ensure the unit is kept in a dry environment, away from direct moisture, extreme temperatures, and excessive dust.
- **Connections:** Occasionally check all cable connections to ensure they are secure and free from corrosion.

No user-serviceable parts are inside the unit. Do not attempt to open or repair the controller yourself.

TROUBLESHOOTING

If you encounter issues with your Multi-Zone Control DC-DC Converter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lights do not turn on.	No power to the controller; loose connections; faulty power supply.	Verify the power supply is connected and active. Check all input and output cable connections for security. Ensure the remote control or app is functioning correctly.
Specific zone not responding.	Loose connection to that zone; faulty LED light in that zone.	Check the connection for the affected zone at the controller and at the light fixture. Test the LED light directly if possible to rule out a light fixture issue.
Controller not responding to remote/app.	Ribbon cable disconnected; remote/app issue.	Ensure the ribbon cable is securely connected to the controller and the interface. Check the remote control's batteries or the app's connection status.

If problems persist after attempting these solutions, please contact Sloan LED customer support.

SPECIFICATIONS

Brand	Sloan LED
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Model Number	701898-DLO
UPC	738944805367
Light Type	LED
Special Feature	Energy Efficient
Wattage	100 watts
Voltage	12 Volts
Unit Count	1 Count
Brightness	1100 lumen
Material	Copper
Controller Type	Remote control
Power Source	Corded Electric
Control Method	App
Efficiency	High Efficiency
Product Dimensions	5.6 x 8.05 x 1.75 inches
Item Weight	0.01 Ounces

WARRANTY AND SUPPORT

Sloan LED stands behind the quality of its products. For specific warranty information regarding your Multi-Zone Control DC-DC Converter, please refer to the documentation included with your purchase or visit the official Sloan LED website.

For technical support, troubleshooting assistance beyond this manual, or warranty claims, please contact Sloan LED customer service:

- **Manufacturer:** Sloan LED
- Refer to manufacturer's official website for contact details.

When contacting support, please have your product model number (**701898-DLO**) and UPC (**738944805367**) readily available.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question