

4 Channel Constant Voltage DALI LED Dimmer

Model No.: DA4-M

1 Address/4 Channel/Constant voltage/PWM dimming



CE RoHS

Features

- 4 channel constant voltage DALI LED Dimmer, 5A per channel.
- 1 DALI address, DT6 dimming or DT8-TC color temperature selectable.
- In accordance with DALI standard protocol IEC 62386-102, IEC 62386-207, IEC 62386-209 and in compliance with DALI products from other international incorporation.
- DALI address will be automatically assigned by DALI master.
- PWM digital dimming, standard DALI logarithmic dimming curve.
- PWM Frequency 2000 or 8000Hz selectable.
- Over-load / Short circuit protection, recover automatically.

Technical Parameters

Input and Output	
Input voltage	12-24VDC
Input current	20.5A
Output voltage	12-24VDC
Output current	4CH,5A/CH
Output power	4 x (60-120)W
Output type	Constant voltage

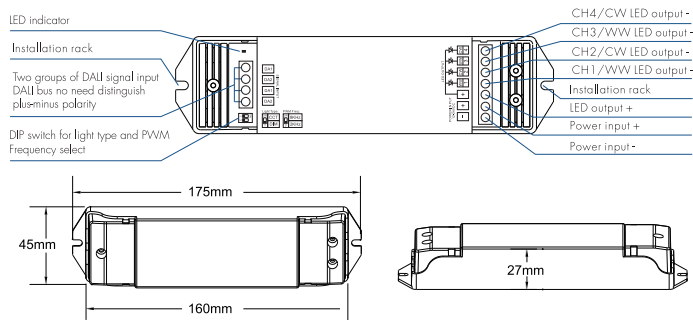
Warranty and Protection	
Warranty	5 years
Protection	Reverse polarity Over-load Short circuit

Dimming data	
Input signal	DALI
Dimming range	0-100%
Dimming curve	Logarithmic
PWM Frequency	2000/8000Hz

Environment	
Operation temperature	Ta: -30°C ~ +55°C
Case temperature [Max.]	Tc: +85°C
IP rating	IP20

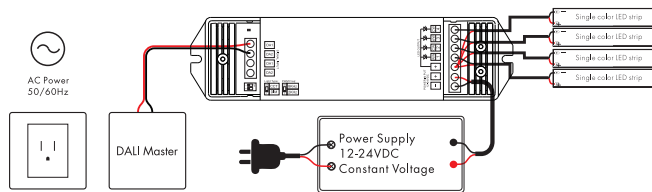
Mechanical Structures and Installations

User Manual Ver 1.0.0

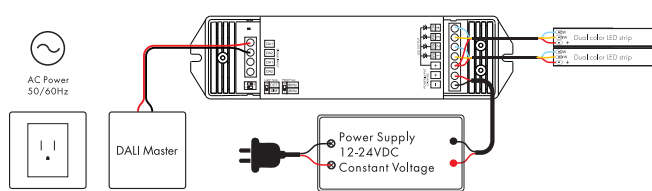


Wiring Diagram

• DA4-M for single color ()



• DA4-M for dual color ()



DAI control

This product is designed with 1 DAI address input and 4 channel output, DAI address is assigned by DAI Master controller automatically, please refer to user manuals of compatible DAI Masters for specific operations.

PWM frequency setting

We can select two PWM frequency: 2kHz or 8kHz.
Higher PWM frequency, will cause lower output current, higher power noise,
but more suitable for camera(No flickers for video).

Safety & Warnings

- DO NOT install with power applied to device.
- DO NOT expose the device to moisture.