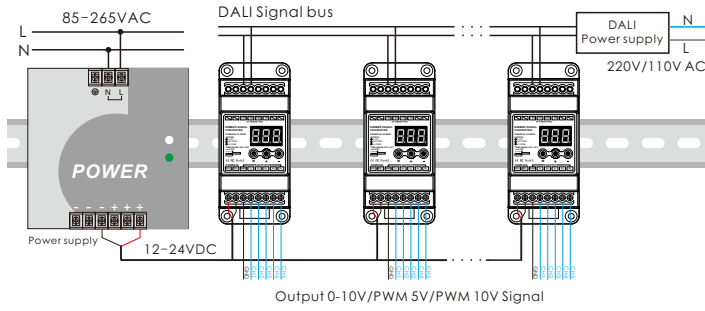


2. Passive DALI bus signal input wiring diagram a: (no need to distinguish DALI bus is anode or cathode)



8. After-Sales

From the day you purchase our products within 3 years, if being used properly in accordance with the instruction, and quality problems occur, we provide free repair or replacement services except the following cases:

1. Any defects caused by wrong operations.
2. Any damages caused by inappropriate power supply or abnormal voltage.
3. Any damages caused by unauthorized removal, maintenance, modifying circuit, incorrect connections and replacing chips.
4. Any damages due to transportation, breaking, flooded water after the purchase.
5. Any damages caused by earthquake, fire, flood, lightning strike etc force majeure of natural disasters.
6. Any damages caused by negligence, inappropriate storing at high temperature and humidity environment or near harmful chemicals.
7. Product has been updated.

DIN Rail DALI Signal Converter User Manual



(Please read through this manual carefully before use)

1. Brief Introduction

Welcome to use our DALI signal converter, it inputs standard DALI signal, and adapts most advanced DALI protocol IEC62386, it can work with any equipment which drive by DALI protocol in a bus control, and converts DALI signals into 0 to 10V analog signal, 5V PWM or 10V PWM.

2. Specifications

Model	0-10V	PWM 5V	PWM 10V
Input voltage	DC12V-DC24V	DC12V-DC24V	DC12V-DC24V
Input signal	DALI Signal	DALI Signal	DALI Signal
Output signal	0-10V analog signal×4CH	5V PWM×5CH	10V PWM×5CH
Max output singal current	20mA×5CH	40mA×5CH	40mA×5CH
Product Dimension	L111×W46×H66(mm)		
Weight (G.W)	117g		

3. Basic Features

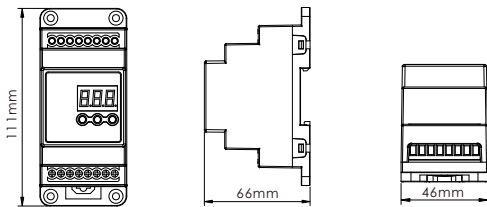
1. Automatically adapts input voltage DC12V-24V.
2. Work with any equipment which drives by DALI protocol in a bus control.
3. DALI signal optical isolation protection at input port.
4. With the function of display and manually change the device address.
5. The DIN rail style facilitates the installation of large-scale projects.

4. Safety warnings

Please don't install this controller in lightning, intense magnetic and high-voltage fields.

1. To reduce the risk of component damage and fire caused by short circuit, make sure correct connection.
  2. Always be sure to mount this unit in an area that will allow proper ventilation to ensure a fitting temperature.
  3. Check if the voltage and power adapter suit the controller. (please select DC12-24V power supply with constant voltage)
  4. Don't connect cables with power on; make sure a correct connection and no short circuit checked with instrument before power on.
  5. Please don't open controller cover and operate if problems occur.
- The manual is only suitable for this model; any update is subject to change without prior notice.

5. Dimensions



6. Operating instructions

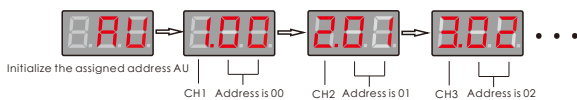
The converter has 3 keys, respectively M, +, -; long press "M" for 2 seconds to enter.

M	Change order in 3 digital display
+	Increase value
-	Decrease value

Three digital tubes display the current setting values. At Normal working mode, no operation for 30 seconds, the digital tube is automatically turn off, press any key to turn it on.

The DALI address can be assigned automatically via the DALI system, or manually by the buttons.

Automatically assign the address, means the DALI dimming driver is connected to the DALI bus. The DALI system automatically searches the device on the DALI bus to allocate the corresponding address. The 3-digit LED display status is as below picture. After the automatic search is completed, The digital display returns to the starting address 1.00.



Press and hold the M key for 2 seconds to assign the address manually. The default display is '00'. As shown in below picture, press the M key to switch the bit sequence. When the bit sequence is switched, the corresponding bit sequence will flash, press the + and - keys. Change the address value, DALI address setting range is 0-63. After changed the address, the displayed value is the address of channel 1, and the other channel addresses will increase by one. If the setting address is 02, the address of channel 1 is 02, and the address of channel 2 is 03.



Address adjustment range 0-6, F 0-9, F

Tip: The DALI address can only be set at 00-63-FF, 'FF' is to restore the factory settings, when the device restored to the default address 00, the brightness restore to the lowest brightness.

7. Conjunction Diagram

1. Active DALI bus signal input wiring diagram a: (no need to distinguish DALI bus is anode or cathode)

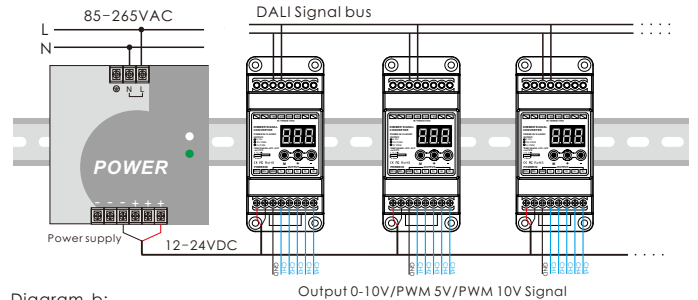


Diagram b:

