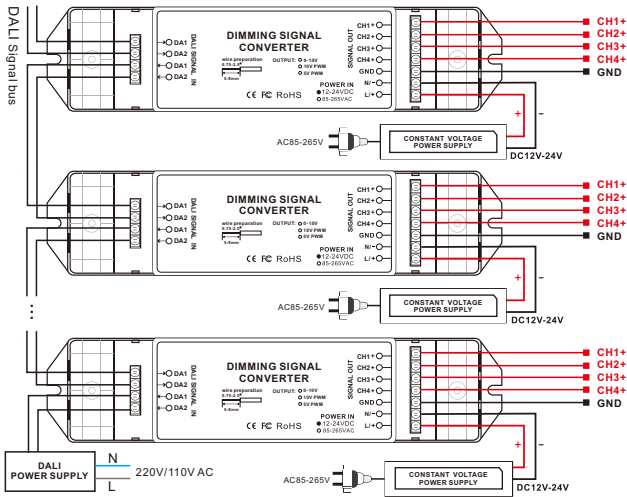


Diagram b:



DALI Signal Converter User Manual



(Please read through this manual carefully before use)

1. Brief Introduction

Welcome to use our DALI signal converter, there are two versions for customer choice: DC input or AC input. It adapts most advanced DALI protocol IEC62386, it can work with any equipment which drives by DALI protocol in a bus control, and converts DALI signals into 0 to 10V analog signal, 5V PWM or 10V PWM.

2. Specifications

Version	DC input version			AC input version		
Model	0-10V	PWM 5V	PWM10V	0-10V	PWM 5V	PWM10V
Input voltage	DC12V-DC24V			AC85-265V		
Input Signal	DALI Signal			DALI Signal		
Output Signal	0-10V analog signal×4CH	5V PWM×4CH	10V PWM×4CH	0-10V analog signal×4CH	5V PWM×4CH	10V PWM×4CH
Max output signal current	20mA×4CH	40mA×4CH	40mA×4CH	20mA×4CH	40mA×4CH	40mA×4CH
Dimension	L176×W46×H30(mm)			L176×W46×H30(mm)		
Weight (G.W)	145g			145g		

3. Feature function

- DC input version: Automatically adapts input voltage DC12V-24V.
- AC input version: Automatically adapts input voltage AC85-265V.
- Work with any equipment which drives by DALI protocol in a bus control.
- DALI signal optical isolation protection at input port.
- AC input version: Adopted Power supply isolation protection.

4. Safety warnings

- To ensure your safety and product properly usage, please read the user manual carefully.
- To avoid installed the product in minefield, strong magnetic field and high voltage area.
- To ensure the wiring is correct and firm avoiding short circuit damages to components and cause fire.
- Please install the product in a well ventilated area to ensure appropriate temperature environment.

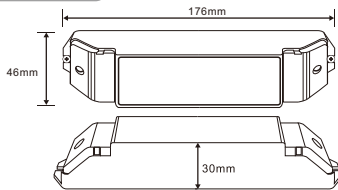
8. After Sales

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:

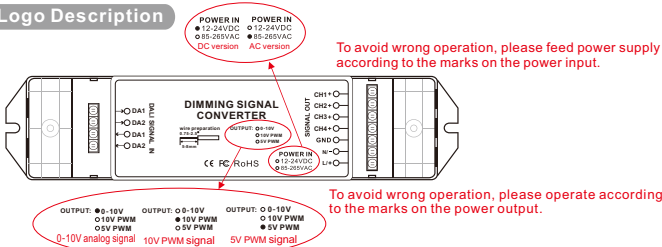
- Any defects caused by wrong operations.
- Any damages caused by inappropriate power supply or abnormal voltage.
- Any damages caused by unauthorized removal, maintenance, modifying circuit, incorrect connections and replacing chips.
- Any damages due to transportation, breaking, flooded water after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

- The product must be worked with DC constant voltage power supply. Please check the consistence of input power with the product, if the output voltage of the power comply with that of the product.
- Connect the wire with the power on is forbidden. Ensure proper wiring first then check to ensure no short-circuit, then power on!
- Don't repair it by yourself whenever an error occur. Contact the supplier for any inquiry.

5. Dimensions

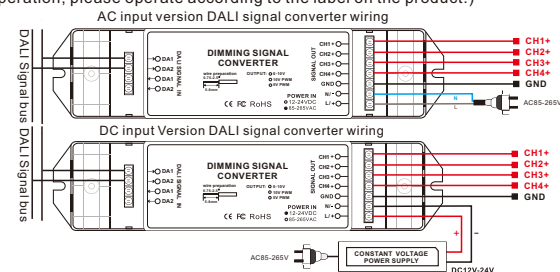


6. Logo Description



7. Conjunction Diagram

- The wiring difference between the low voltage and high-voltage version: (To avoid wrong operation, please operate according to the label on the product.)



Below conjunction diagram for DC input version:

- Active DALI bus signal input wiring diagram A: (DALI bus don't have to distinguish between positive or negative)

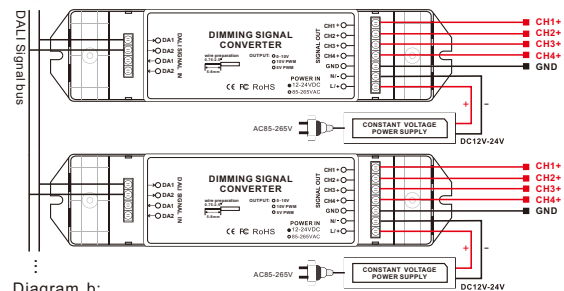
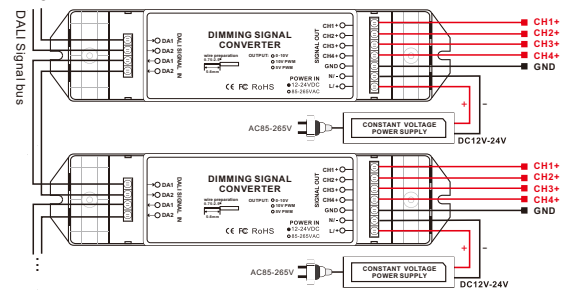


Diagram b:



- Passive DALI bus signal input a wiring diagram A: (DALI bus don't have to distinguish between positive or negative)

