

7. After-Sales

From the day you purchase our products within 1 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.

8. Kindly Reminder

Power Source Selection:
Power source must be DC constant voltage type of power supply. Due to the efficient output in some power supplies are only 80% of total, so please select at least 20% higher output power supply than the consumption of LED lights.

WATERPROOF DMX512 Constant Voltage Decoder
User Manual



(Please read through this manual carefully before use)

1. Brief Introduction

Welcome to use the Waterproof Constant Voltage DMX512 Decoder which is developed only for constant voltage LED lamps. It adopted advanced micro-computer control technology to transfer standard DMX512/1990 signal to PWM signal. User can choose 1~4 output channels, 4096 gray scales, workable for single color, color temperature, RGB and RGBW led lamp.

2. Specifications

Model	WATERPROOF DMX512 Constant Voltage Decoder
Input voltage	DC12V-24V
Max Load Current	RGBW:5A×4CH
Max output power	RGBW:60W×4CH (12V) RGBW:120W×4CH (24V)
Input signal	DMX512/1990
Output Signal	Constant Voltage PWM×4CH
Decoding channel	4 channels
Product Dimension	L173*W45*H25mm
Product size	35cm
Package Size	L215*W80*H30mm
Weight	310g

3. Basic Features

- 1.Automatically adapts input voltage DC12V-24V;
- 2.Input standard DMX512 signal;
- 3.4 channels output; 4096 grey scales each; logarithmic dimming; lamplight soft & stable without strobe flash.
- 4.Wrong wiring protection at DMX port. Over current protection and short circuit protection.
5. Power loss memory function.

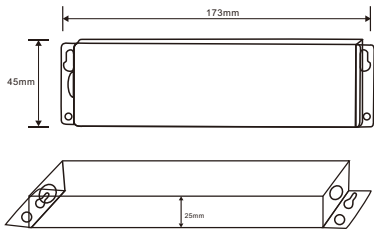
4. Safety warnings

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.

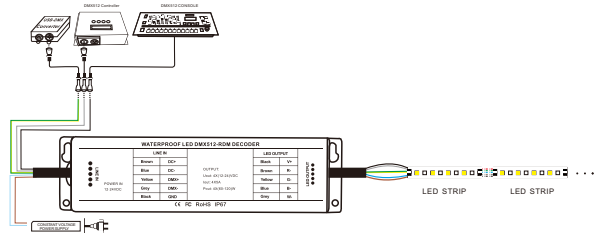
The manual is only suitable for this model; any update is subject to change without

5. Dimensions



6. Conjunction Diagram

1. Connect to DMX system:



2. Work with RDM controller:

