# Multifunction Controller Series



## C€ RoHS

## **Specifications**

 Model:
 AL7005
 Max output Power:
 72W/144W(12/24V)

 Input Voltage:
 12~24V DC
 Input Signal:
 DMX512/1990&0/1-10V

 Max current Load:
 6A\*1CH\_Max 6A
 Work Temp.:
 -30°C~70°C

Work femp.. -30 C 70 C

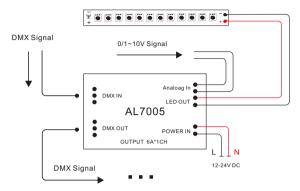
The light gray level: 256 DMX512/PWM Socket: Screwless terminal

Dimensions: L90\*47\*22(mm) Gross Weight: 125g

#### **Features**

- Meet with the current large control system many signals output, this product is used for the convenience of engineering to design.
- Support DMX signal dimming function and 0/1-10V dimmer, priority DMX512 signal dimmer.
- Single channel constant voltage to control
- No flicker, analog voltage active 0/1-10V dimmer, passive 0/1-10V dimmer general, can as the main dimming with the large control system.
- The product has test function, when has not signal input, the brightness as the maximum output, can through the input interface short circuit to test the product work or not, the input interface short circuit and the brightness will gradually dark to minimum value. When open the circuit it will keep the maximum brightness output.

### **Wiring Diagram**



AL7005 Connected inseries with each other

## When DMX signal input, the $1 \sim 10 \text{ V}$ analog signal will through the CPU disconnect, priority DMX signal control.

Product plan, connect the active 0/1-10V voltage regulator, or the passive 0/1-10V dimmer, the LED load and power's negative and positive with the right interface, open the power supply, dimming the 0/1-10V voltage regulator, so as to change the output of the controller, until get the satisfactory of LED output. When the 【Analog IN】 port impending. Controller all light output; when the 【Analog IN】 short circuit and the output closed.

#### Note

DMX Master output and AL7005's transmission lines can't be over 300 meters. DMX Master(DMX5000) each interface can with not more than 170 pieces of AL7005.

Eight output interface. Through the JBLED FLASH light making software and can with computer on line control. Realize infinite contact the DMX lights.

When contacted 32 pieces of AL7005, DMX signal must add a signal amplifier RE2000 Cascade can't more than 4 PCS

0/1-10V simulator dimmer interface signal connection, please choose to surge of smooth curve 0/1-10V dimmers, otherwise may directly affect the smoothness of the LED light

The load LED and the controller of power's voltage must be consistent, and must be on the product of the input voltage regulation range.