Контроллер LW-M1-DMX (220V, SD-карта, ПДУ-RF 4кн)

DMX led lamp

Features

- LW-M1-DMX512-CS3PSB-RF can control DMX512/1990 decoder/driver
- l The controller can control maximum 512 addresses based on DMX
- l User can design patterns by Ledwalker V1.5 software and save maximum 255 effect files in SD card
- l All effects will be played by cycle when the Functional switch 10th ON
- l Each DMX controller as a receiver and a RF key board as a sender to control the the A-Speed, B-brightness, C- Cycling, D-Document the program data in the SD card of the dmx controller
- l Save the last program when the controller power off

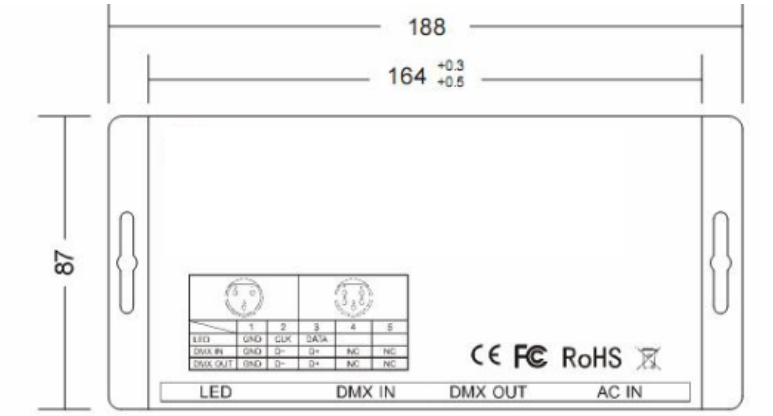
Technical Parameters

Parameters	Description
Input Voltage	AC90-260V
Power plug	GB/British /US and so on
Power	<2W
Control Protocol	DMX512/1990
Support Chip	DMX512/1990 decoder/driver
Control Capacity	512 addresses
SD Card	2GB SD Card, Support FAT or FAT16 file format
Radio Frequncy	315MHz
Net Weight	0.57kg
Gross Weight	0.92KG
Temperature	-20°C~75°C

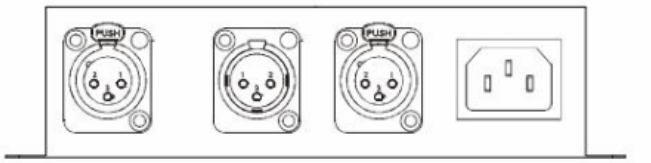
RF function

Key	Function	Details
A	Speed	Speed from 1-40, 8 speed adjsutable, so press 8 times a cycle
B	Brightness	Brightness from 0-256 grey level, divided in to 120,
C	Cycling	Press C, it will play the program in SD card one by one
D	Document	Press D, it will play the specific program you choose, and lock on the program you choose

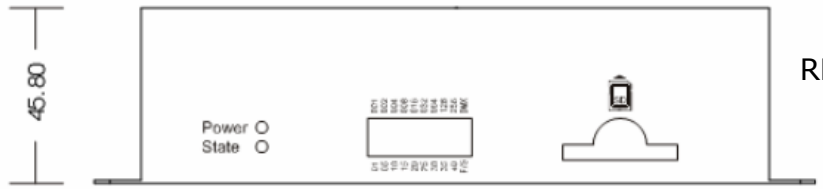
Dimension



TOP View



FRONT View



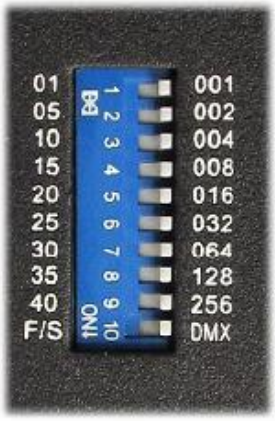
REAR View

Connection Guide

	1	2	3	4	5
LED	GND	CLK	DATA		
DMX IN	GND	D−	D+	NC	NC
DMX OUT	GND	D−	D+	NC	NC

Function of the DIP Switch

There is no function of the DIP Switch



SD card notes

- Support FAT or FAT16 file format .
- l Make the program with Ledwalker V1.5 software, make the data and save it to the SD card
- l When press A button of the RF controller, it will priority play the program as the sequency been saved to the
- SD card. Such as there are 23 files named, 1.led, 2.led, red.led, and you save it to the SD card in a sequence
- 2.led. red.led, 1.led. And when you press D button, it will play in the squence of 2.led. red. led, 1.led.
- l It would be better us the 2GB SD card from the factory, the high speed SD card.

Ordering information

Controlled IC	pixels
Support DMX standard protocol	170

Frequently Asked Questions

Q: What's the indicator function of the controller?	A: Green light (Power): If the controller's power supply is normal, green light always bright. Red light (State): If there is no SD card in controller, it will display the patterns by itself. Red light will be on one second then off one second. If it displays SD card's patterns, then the red light will be on two seconds, and off two seconds.
Q: What shall we do if controller does not work after power on?	A: Check the red light flashing time is correct or not, if correct, then check the connection between the controller and the lamp according to the signal definitions draw and common ground needed.
Q: What shall we do if led has low brightness after controller power on?	A: Check the input voltage is correct or not.
Q: The single color pattern of light is normal; however, the mixed light is not normal.	A: Because of the voltage drop on the cable, please check whether the power cable meets the standard and use the multimeter to measure whether the input voltage of power meet the demand or not.
Q: After controller connected, the flash is random.	A: Check whether the controller's GND and lamp GND is connected together.
Q: Some led lamp can not be controlled in a project	A: If the pixels number is within the controlled capacity of our device, please test the fixed pattern, and lights. If the pattern data have no problem, maybe that is problem of uncontrolled lamp.signal can not continue transmit to next one because of problem lamp, need to replace with new one.
Q: It can display the fixed pattern in device itself correctly, however can't show the SD pattern.	A: Check the frequency of red light flashing, if the flashing frequency does not work normally, and then check the pattern in SD card, such as communication formats, grey scale parameters and other parameters.