

SL-FGD680

6x80W LED Retro Effect Light



This product manual contains important information about the safe installation and use of this projector. Please read and follow these instructions carefully and keep this manual in a safe place for future

User manual

Please read the instructions carefully before use

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STATEMENT

The product has well capability and intact packing when leave factory. All of the user should comply with warning item and manual, any misuse cause of the damages are not included in our guarantee, and also can not be responsible for any malfunction & problem owing to ignore the manual.

1.Safety Instruction

Please keep this User Guide for future consultation. If you sell the unit to another user, be sure that they also receive this instruction booklet.

Unpack and check carefully there is no transportation damage before using the unit.

Before operating, ensure that the voltage and frequency of power supply match the power requirements of the unit.

It's important to ground the yellow/green conductor to earth in order to avoid electric shock.

The unit is for indoor use only. Use only in a dry location.

The unit must be installed in a location with adequate ventilation, at least 50cm from adjacent surfaces. Be sure that no ventilation slots are blocked. Disconnect main power before replacement or servicing.

Make sure there are no flammable materials close to the unit while operating as it is fire hazard.

Use safety cable when fixes this unit. DO NOT handle the unit by taking its head only, but always by taking its base.

Maximum ambient temperature is T_a : 40°C. DO NOT operate it where the temperature is higher than this Unit surface temperature may reach up to 85°C. DO NOT touch the housing bare-hand during its operation. Turn off the power and allow about 15 minutes for the unit to cool down before replacing or serving.

In the event of serious operating problem, stop using the unit immediately. Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type spare parts.

DO NOT touch any wire during operation as high voltage might be causing electric shock.

WARNING:

To prevent or reduce the risk of electrical shock or fire, do not expose the unit to rain or moisture.

DO NOT open the unit within five minutes after switching off.

The housing, the lenses, or the ultraviolet filter must be replaced if they are visibly damaged.

CAUTION:

There are no user serviceable parts inside the unit. DO NOT open the housing or attempt any repairs yourself. In the unlikely event your unit may require service, please contact your nearest dealer.

INSTALLATION:

The unit should be mounted via its screw holes on the bracket. Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. And make sure that the structure to which you are attaching the unit is secure and is able to support a weight of 10 times of the unit's weight. Also always use a safety cable that can hold 12 times of the weight of the unit when installing the fixture.

The equipment must be fixed by professionals. And it must be fixed at a place where is out of the touch of people.

2. Technical Specification

Power Voltage: AC 100-240V, 50/60Hz

Power Consumption: 600W

Light Sources: High power cob 80w gold led x 6 heads

SMD 5050 RGB 0.5W*24pcs LEDs x 6 heads

CCT: 2000K

Control

DMX Channel: 8/28 Channels

Control Modes: DMX512, Auto, Master-Slave, Music

Construction

Display: LED Display

DMX In/Out socket: 3-pin XLR sockets

Power Socket: Powercon in/out

Protection Rating: IP20

Size

Product size: 340x198x1526mm

Weight

Net Weight: 12.5Kgs

3.How to Control The Device

The DMX512 is widely used in intelligent lighting control,with a DMX 512 controller.connect several lights together,dmx in and dmx out, 3 pin XLR connectors: Pin 1: GND, Pin 2: Negative signal (-), Pin 3: Positive signal (+)

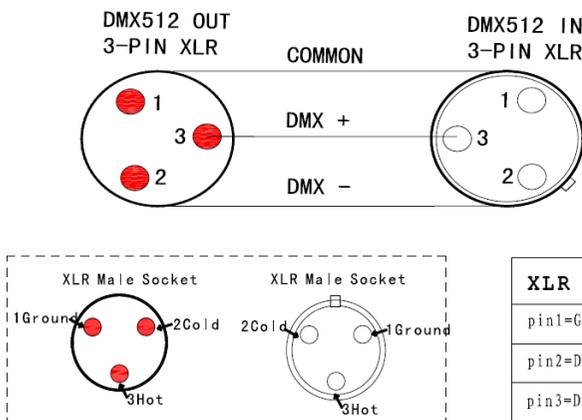


Figure2

XLR Pin Configuration
pin1=Ground
pin2=Data Compliment (negative)
pin3=Data true(positive)

Display:

MENU To select the programming functions
DOWN To go backward in the selected functions
UP To go forward in the selected functions
ENTER To confirm the selected functions

Set DMX Address Code

1. Press "**Menu**" to "Set DMX Address",and press "**ENTER**" keys to enter into
2. Show "Set DMX Address DMX Address:001",Press the "**UP** and **DOWN**"

keys to amended

3 Press "**ENTER**" keys to save and Exit, Press the "**MENU**" Keys does not save and Exit

DMX Channel Table

DMX 512 8CHs

Channel	Function	Value	Show
CH1	Dimmer	0-255	Dimming from dark to bright
CH2	Strobe	0-255	Strobe from slow to fast
CH3	Red	0-255	From dark to bright
CH4	Green	0-255	From dark to bright
CH5	Blue	0-255	From dark to bright
CH6	White	0-255	From dark to bright
CH7	Macro	0-9	None
		10-19	Built-in Effect 1
		20-29	Built-in Effect 2
	
		240-249	Built-in Effect 24
		250-255	Built-in Effect 25
CH8	Macro Speed	0-63	Static State
		64-159	Forward running speed fast to slow
		160-255	Backward running speed slow to fast

DMX 512 28CHs

Channel	Function	Value	Show
CH1	Dimmer	0-255	100% linear dimmer
CH2	Strobe	0-255	Strobe from slow to fast

CH3	Red 1	0-255	Dimming from dark to bright
CH4	Green 1	0-255	Dimming from dark to bright
CH5	Blue 1	0-255	Dimming from dark to bright
CH6	White 1	0-255	Dimming from dark to bright
CH7	Red 2	0-255	Dimming from dark to bright
CH8	Green 2	0-255	Dimming from dark to bright
CH9	Blue 2	0-255	Dimming from dark to bright
CH10	White 2	0-255	Dimming from dark to bright
CH11	Red 3	0-255	Dimming from dark to bright
CH12	Green 3	0-255	Dimming from dark to bright
CH13	Blue 3	0-255	Dimming from dark to bright
CH14	White 3	0-255	Dimming from dark to bright
CH15	Red 4	0-255	Dimming from dark to bright
CH16	Green 4	0-255	Dimming from dark to bright
CH17	Blue 4	0-255	Dimming from dark to bright
CH18	White 4	0-255	Dimming from dark to bright
CH19	Red 5	0-255	Dimming from dark to bright
CH20	Green 5	0-255	Dimming from dark to bright
CH21	Blue 5	0-255	Dimming from dark to bright
CH22	White 5	0-255	Dimming from dark to bright
CH23	Red 6	0-255	Dimming from dark to bright
CH24	Green 6	0-255	Dimming from dark to bright
CH25	Blue 6	0-255	Dimming from dark to bright
CH26	White 6	0-255	Dimming from dark to bright
CH27	Macro	0-9	None
		10-19	Built-in Effect 1
		20-29	Built-in Effect 2
	
		240-249	Built-in Effect 24

		250-255	Built-in Effect 25
CH28	Macro Speed	0-63	Static State
		64-159	Forward running speed fast to slow
		160-255	Backward running speed slow to fast

4. Trouble Shooting

Following are a few common problems that may occur during operation. Here are some suggestions for easy troubleshooting:

a. The unit does not work, no light and the fan does not work

1. Check the connection of power and main fuse.
2. Measure the mains voltage on the main connector.
3. Check the power on LED.

b. Not responding to DMX controller

1. DMX LED should be on. If not, check DMX connectors, cables to see if link properly.
2. If the DMX LED is on and no response to the channel, check the address settings and DMX polarity.
3. If you have intermittent DMX signal problems, check the pins on connectors or on PCB of the unit or the previous one.
4. Try to use another DMX controller.
5. Check if the DMX cables run near or run alongside to high voltage cables that may cause damage or interference to DMX interface circuit.

5. Fixture Cleaning

The cleaning of internal and external optical lenses and/or mirrors must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates: damp, smoky or particularly dirty surrounding can cause greater accumulation of dirt on the unit's optics.

- **Clean with soft cloth using normal glass cleaning fluid.**
- **Always dry the parts carefully.**
- **Clean the external optics at least every 20 days. Clean the internal optics at least every 30/60 days.**