SL-FGD750

7x50W 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 Ta: 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: 350W
Light Sources: High power cob 50w gold led x 7 heads
 SMD 5050 RGB 0.3W*63pcs LEDs
CCT: 1800K
Control
DMX Channel: 4/16/22/28/40 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: 564x105x485mm

Weight

Net Weight: 5.5Kgs

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 (+)
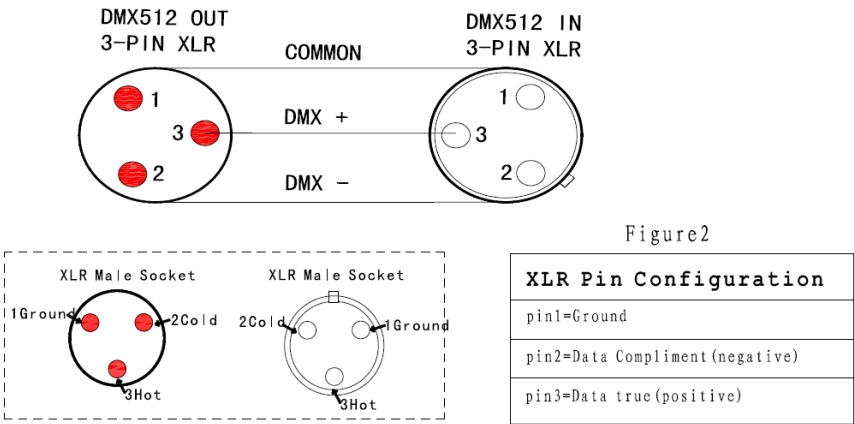

Display:

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

A001	A512	000-512 dmx address
CH16	CH16	CH04 CH16 CH22 CH28 CH40
II007	II063	LED Strip Effect
S000	S000	Speed adjustable
E007	E007	Main LED Effect
Soud	S000	Sound mode
R255	R000	Red LED Dimmer
G255	G000	Green LED Dimmer
B255	B000	Blue LED Dimmer
W255	W000	Gold LED dimmer
T000		Temperature display

4. DMX Channel Table

DMX 512   4CHs

Channel	Function	Value	Show
CH1	Red	0-255	From dark to bright
CH2	Green	0-255	From dark to bright
CH3	Blue	0-255	From dark to bright
CH4	Gold	0-255	From dark to bright

DMX 512   16CHs

Channel	Function	Value	Show

CH1	Total Dimmer	0-255	Dimming from dark to bright
CH2	RGB Dimmer	0-255	Dimming from dark to bright
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	RGB Strobe	0-255	RGB Strobe
CH7	RGB Mode	0-255	RGB Mode
CH8	RGB Speed	0-255	RGB Speed
CH9	Background Color	0-255	Background Color
CH10	Background Color Dimmer	0-255	Background Color Dimmer
CH11	Gold LED	0-255	From dark to bright
CH12	Gold Strobe	0-255	Gold Strobe
CH13	Gold Mode	0-255	Gold Mode
CH14	Gold Speed	0-255	Gold Speed
CH15	RGB-G Mode	0-255	RGB-G Mode
CH16	RGB-G Speed	0-255	RGB-G Speed

DMX 512   22CHs

Channel	Function	Value	Show
CH1	Total Dimmer	0-255	Dimming from dark to bright
CH2	RGB Dimmer	0-255	Dimming from dark to bright
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	RGB Strobe	0-255	RGB Strobe
CH7	RGB Mode	0-255	RGB Mode
CH8	RGB Speed	0-255	RGB Speed
CH9	Background Color	0-255	Background Color

Channel	Function	Value	Show
CH10	Background Color Dimmer	0-255	Background Color Dimmer
CH11	Gold LED 1	0-255	from dark to bright
CH12	Gold LED 2	0-255	from dark to bright
CH13	Gold LED 3	0-255	from dark to bright
CH14	Gold LED 4	0-255	from dark to bright
CH15	Gold LED 5	0-255	from dark to bright
CH16	Gold LED 6	0-255	from dark to bright
CH17	Gold LED 7	0-255	from dark to bright
CH18	Gold Strobe	0-255	Gold Strobe
CH19	Gold Mode	0-255	Gold Mode
CH20	Gold Speed	0-255	Gold Speed
CH21	RGB-G Mode	0-255	RGB-G Mode
CH22	RGB-G Speed	0-255	RGB-G Speed

DMX 512   28CHs

Channel	Function	Value	Show
CH1	Red 1	0-255	from dark to bright
CH2	Green 1	0-255	from dark to bright
CH3	Blue 1	0-255	from dark to bright
CH4	Red 2	0-255	from dark to bright
CH5	Green 2	0-255	from dark to bright
CH6	Blue 2	0-255	from dark to bright
CH7	Red 3	0-255	from dark to bright
CH8	Green 3	0-255	from dark to bright
CH9	Blue 3	0-255	from dark to bright
CH10	Red 4	0-255	from dark to bright
CH11	Green 4	0-255	from dark to bright
CH12	Blue 4	0-255	from dark to bright

CH13	Red 5	0-255	from dark to bright
CH14	Green 5	0-255	from dark to bright
CH15	Blue 5	0-255	from dark to bright
CH16	Red 6	0-255	from dark to bright
CH17	Green 6	0-255	from dark to bright
CH18	Blue 6	0-255	from dark to bright
CH19	Red 7	0-255	from dark to bright
CH20	Green 7	0-255	from dark to bright
CH21	Blue 7	0-255	from dark to bright
CH22	Gold LED 1	0-255	from dark to bright
CH23	Gold LED 2	0-255	from dark to bright
CH24	Gold LED 3	0-255	from dark to bright
CH25	Gold LED 4	0-255	from dark to bright
CH26	Gold LED 5	0-255	from dark to bright
CH27	Gold LED 6	0-255	from dark to bright
CH28	Gold LED 7	0-255	from dark to bright

DMX 512   40CHs

Channel	Function	Value	Show
CH1	Total Dimmer	0-255	Dimming from dark to bright
CH2	RGB Dimmer	0-255	Dimming from dark to bright
CH3	Red 1	0-255	from dark to bright
CH4	Green 1	0-255	from dark to bright
CH5	Blue 1	0-255	from dark to bright
CH6	Red 2	0-255	from dark to bright
CH7	Green 2	0-255	from dark to bright
CH8	Blue 2	0-255	from dark to bright
CH9	Red 3	0-255	from dark to bright
CH10	Green 3	0-255	from dark to bright

CH11	Blue 3	0-255	from dark to bright
CH12	Red 4	0-255	from dark to bright
CH13	Green 4	0-255	from dark to bright
CH14	Blue 4	0-255	from dark to bright
CH15	Red 5	0-255	from dark to bright
CH16	Green 5	0-255	from dark to bright
CH17	Blue 5	0-255	from dark to bright
CH18	Red 6	0-255	from dark to bright
CH19	Green 6	0-255	from dark to bright
CH20	Blue 6	0-255	from dark to bright
CH21	Red 7	0-255	from dark to bright
CH22	Green 7	0-255	from dark to bright
CH23	Blue 7	0-255	from dark to bright
CH24	RGB Strobe	0-255	RGB Strobe
CH25	RGB Mode	0-255	RGB Mode
CH26	RGB Speed	0-255	RGB Speed
CH27	Background Color	0-255	Background Color
CH28	Background Color Dimmer	0-255	Background Color Dimmer
CH29	Gold LED 1	0-255	from dark to bright
CH30	Gold LED 2	0-255	from dark to bright
CH31	Gold LED 3	0-255	from dark to bright
CH32	Gold LED 4	0-255	from dark to bright
CH33	Gold LED 5	0-255	from dark to bright
CH34	Gold LED 6	0-255	from dark to bright
CH35	Gold LED 7	0-255	from dark to bright
CH36	Gold Strobe	0-255	Gold Strobe
CH37	Gold Mode	0-255	Gold Mode
CH38	Gold Speed	0-255	Gold Speed

CH39	RGB-G Mode	0-255	RGB-G Mode
CH40	RGB-G Speed	0-255	RGB-G Speed

5.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.

6.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.**