



User Manual

Please read the instructions carefully before use.

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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 reference.

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 and 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. Its important to ground the yellow/green conductor to earth in order to avoid electric shock.

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 : 40c. Do not operate it where the temperature is higher than this unit surface temperature may reach up to 85c. 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 units 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: 60pcs

Multi-chip 9090 4in1 RGBW 10 Watt LED

sources Beam Angle: 15°/25°/45°

Control DMX Channel: 4/8Channels Control

Modes: DMX512, Auto, Master-Slave, Music

Cooling: Temperature controlled, overheating protection

Dimmer: 100% linear dimming

Strobe: 0.5-25 times/second, adjustable speed

Construction Display: LCD Display

DMX In/Out socket: 3-pin XLR waterproof

cables Power Socket: Seetronic Waterproof

PowerCon in/out Protection Rating: IP65

Size

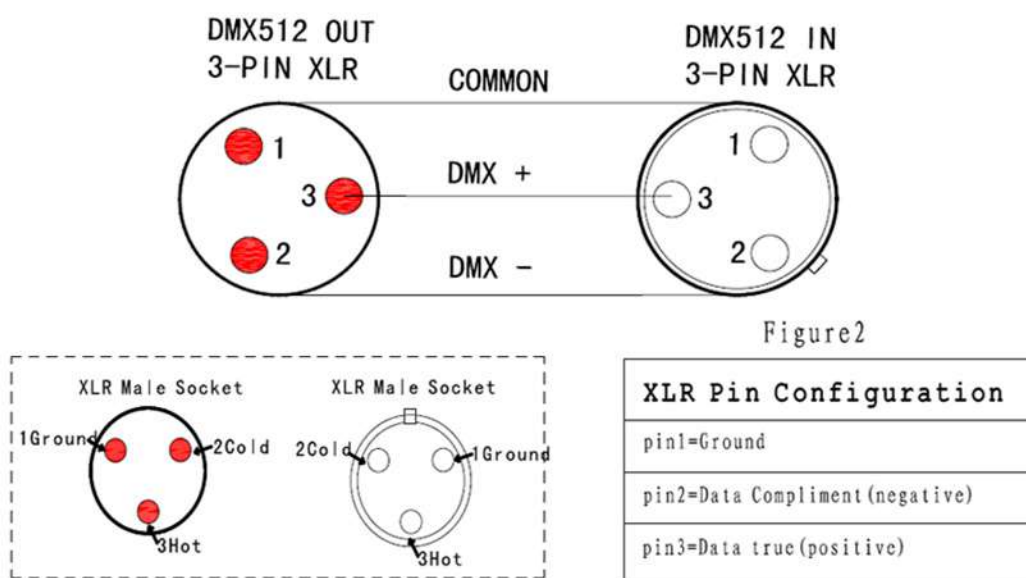
Product Size: 557*147*349MM

Weight Net Weight: 14.5Kgs



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
4. Functions setting via LED display panel as below:

Main Menu	Secondary Menu Defaults		Defaults
Operation Mode	4/8 DMX Channels		Console Mode
	Auto mode (Auto 0 Auto 2)		
	Speed 0-100		80
	Red	(0-255)	000
	Green	(0-255)	000
	Blue	(0-255)	000
	White	(0-255)	000
Address setting	Address setting (001-512)		001
Language setting	Chiness		Chiness
	English		
Advanced Settings	Dimmer Mode	(8--16)	16
	Signal connection	Open/Off	Open
	Temperature setting	50-80℃	65℃
	Screen protection	Open/Off	Off
	Screen Rotation	Open/Off	Off
	LOGO	(Open/Off	Off
	Red Current	(20--255)	235
	Green Current	(20--255)	235
	Blue Current	(20--255)	235
	White Current	(20--255)	235
	Factory Settings	Confirm	
System Test	Red	(0-255)	000
	Green	(0-255)	000
	Blue	(0-255)	000
	White	(0-255)	000
System Information	Mode of operation		
	DMX Address		
	Operation Mode		
	Power-on time (time of this power-on operation)		
	Running time (total time used)		
	Temperature (actual temperature detected)		

4. DMX CHANNEL TABLE

DMX 512 4 CHs

Channel	Function	Value
CH1	Red	0-255
CH2	Green	0-255
CH3	Blue	0-255
CH4	White	0-255

DMX 512 8 CHs

CH1	Dimming	Dimming from dark to bright
CH2	Strobe	Strobe from slow to fast
CH3	Macro	0-50: None 51-100: color selection 101-150: color jump change 151-200: color gradient change 201-255: color pulse change;
CH4	Macro speed	Macro speed from slow to fast
CH5	Red	0-255
CH6	Green	0-255
CH7	Blue	0-255
CH8	White	0-255

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.**

