



## **User Manual**

*Please read the instructions carefully before use.*

- 1.Safety Instruction
- 2.Technical Specification/ Main Function/Controls
- 3.DMX Channel Profile
- 4.Trouble Shooting
- 5.Fixture & Cleaning

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

Voltage: AC90-240V.50-60hz

Power: 1000W

Display: color R/G/B color mixing

DMX in/out sockets 3 pin sockets

DMX channel :3/9/24 CH

Control mode:DMX/Auto/Sound

Connect:DMX in/out

Features RGB mixed colors

Use LED as light source Item size:

45cm\*21cm\*8cm

Net weight: 2.8KG

Application

Exhibition booth Indoor and outdoor party

Music show Live show

Cencerts Special events

Mobile DJ Wedding

Studio Meeting room

Theatre/Ceremony TV station/Stage show



## DISPLAY OPERATION INSTRUCTION

### Two, display menu operation instructions::

Addr	d001	DMX address d001 - d512
CHAL	CH9	There are three CH3, CH9, and CH24 channel modes
AUTO	CA20	Ca-cy has a total of 20 built-in self-moving effects, which can be adjusted according to certain speed
SOUD	SO99	Voice mode SO01-SO99
STAT	R000 -- R255: red light dimming G000 -- G255: Green light dimming B000 -- B255: Blue light dimming T000 -- T255: The stroboscope speed changes from slow to fast	A static model
TEMP	C000/FA50/TE70	Temperature display/fan switch/automatic power reduction
REST	OFF/ON	factory data reset

### 3. DMX CHANNEL PROFILE

**Description of the built-in effect channel**

Built-in effects mode channel	Built-in effect speed channel
0-4: no	0-255: Slow to fast;
5-249:5 values a self-walking effect;(Effect 1- Effect 49)	
250-255: voice mode	

**Stroboscopic description of color channels with static colors or effects**

Stroboscopic channel	Static color channel
0 to 10: no; 11-255: Slow to fast;(1HZ-20HZ)	0-10: automatically change color when running effect; 11-255:36 values one color (colors 1-7);

**The channel table**

channel	3CH	9CH	24CH
CH1	red	The dimmer	The red one
CH2	green	stroboscopic	The green one
CH3	blue	Location bar	The blue one
CH4		Built-in effect	Red 2
CH5		Built-in effect speed	Green 2
CH6		Dynamic color bar	Blue 2

CH7		red	Red 3
CH8		green	Green 3
CH9		blue	Blue 3
CH10			Red 4
CH11			Green 4
CH12			Blue 4
CH13			Red 5
CH14			Green 5
CH15			Blue 5
CH16			Red 6
CH17			Green 6
CH18			Blue 6
CH19			Red 7
CH20			Green 7
CH21			Blue 7
CH22			Red 8
CH23			Green 8
CH24			Blue 8

**RDM Function Description:**

Instructions supported by RDM:

Taking instructions	Setup instructions
1. Lamp information	1. Lamp identification
2. Vendor information	2. Address code of lamps
3. Version information	3. Lamp channel mode
4 Lamp identification status	
5. Lamp name	
6. Address code of lamps	
7. Lamp channel mode	
8. Temperature information of lamps	

**Factory setting menu description:**

function	instructions
r000 - r255	Limit red brightness
g000 - g255	Limit green brightness
b000 - b255	Limit blue brightness
OFF / ON	OFF: Only the current device is set. ON: All slave devices are set.

Note: This menu can only be entered by long pressing Enter button in DMX address menu;

## 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.**

