

# P25

## RGBWA+UV IR Slimpar Series



User manual

Please read the instructions carefully before use

## TABLE OF CONTENTS

1. Safety Instructions.....	3-4
2. Technical Specifications.....	5
3. How To Control The Unit.....	6-8
4. shape.....	9
5. Trouble shooting.....	10
6. Fixture Cleaning.....	11

### 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 Instructions

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  $T_a: 40^{\circ}\text{C}$ . DO NOT operate it where the temperature is higher than this Unit surface temperature may reach up to  $85^{\circ}\text{C}$ . 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 Specifications

### **Light Sources:**

5/7/12 Leds\*6in1 8W

Beam Angle:25°

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

Dimension: 225\*70\*220mm

Net Weight: 1.5 Kgs

Gross Weight:1.8Kgs

### **Control**

DMX Channel: 10 Channel

Control Modes: DMX512,Master-Slave/Music mode/Auto Run

IR remote control

### **Construction**

Display: Digital Display

Data In/Out socket: 3-pin XLR sockets

Power Socket: IEC power in/out socket

Protection Rating: IP20

### **Features**

Dimmer: 0~100% smooth dimming

Fast, quiet operation

# 3. How To Control The Unit

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 (+)

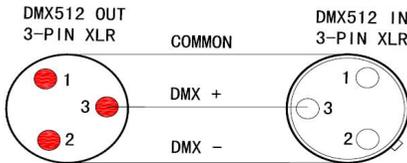
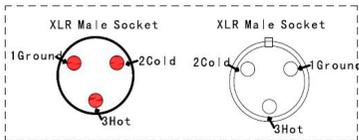


Figure2



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

## Display

<b>Menu</b>	→	→	→	<b>Function</b>
Addr	A001~A512			DMX mode
AUTO	AUT1	SP-1~SP-9	St00~St99	FADE
	AUT2	SP-1~SP-9	St00~St99	Color Jump changing
COLO	CO01~CO51	St00~St99		51 colors
STAT	red	r000~r255	St00~St99	0-255 to adjust the brightness of colors including strobe effect
	Gree	G000~G255	St00~St99	
	blue	b000~b255	St00~St99	
	whit	U000~U255	St00~St99	
	Ambe	A000~A255	St00~St99	
	PURP	P000~P255	St00~St99	
SOUN	SOU1	SEN0~SEN9		Sound mode,adjust mic sensitivity
	SOU2	SEN0~SEN9		
SLAV	SLA			Slave mode
rEno	On~oFF			Turn on/off IR receiver
Ver	10			Soft Version

## DMX channel's functions and values (10 DMX channels):

Mode/ Channel	Value	Function
1		<b><u>Full Dimmer</u></b> :
	0-255	Intensity 0 to 100%
2		<b><u>Red dimmer</u></b> :
	0-255	Intensity 0 to 100%
3		<b><u>Green dimmer</u></b> :
	0-255	Intensity 0 to 100%
4		<b><u>Blue dimmer</u></b>
	0-255	Intensity 0 to 100%
5		<b><u>White dimmer</u></b>
	0-255	Intensity 0 to 100%
6		<b><u>Ambe dimmer</u></b>
	0-255	Intensity 0 to 100%
7		<b><u>PURP dimmer</u></b>
	0-255	Intensity 0 to 100%
8	1-255	strobe
9	0-50	dimmer
	51-101	FADE
	102-152	JUMP
	153-203	Sound1
	204-255	Sound2
10	0-255	SPEEED / Mic sensivity adjustment

## 4. IR Remote controller Operation

- 1.Key “**Auto**” is Auto Run mode. It is also the switch for AUT1 and AUT2 mode. Press”+”,”-“to set its run speed.
- 2.Key “**Sound**” is Sound mode. It is also the switch for”SOUND1” and “SOUND2” mode. Press”+”,”-“to set mic sensitivity.
- 3.Key”**DMX**”. Press DMX key, the indicator light show Red color, continuously press three-digit number (the number should be between001-512), then set DMX add.Item run into DMX work mode
- 4.Key”**Black Out**” is the switch for tun on/Off
- 5.Key **Red,Green,Blue,White,”9”,”8**” is switch for RGBW Amber, UV color
- 6.Key”**Jump**” is for color jump changing, Press”+”,”-“to set the speed
- 7.Key”**Fade**”, fade mode, Press”+”,”-“to set the speed.
- 8.Key “**Color**” select color, Press”+”,”-“to select
- 9.Key”**Flash**”,strobe mode. Press”+”,”-“to set the speed.

**Notice:** If the item work in DMX mode, IR remote control function will not work; IR remote control only work when item not work in DMX model

## 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.

### **C. One of the channels is not working well**

1. The stepper motor might be damaged or the cable connected to the PCB is broken.
2. The motor's drive IC on the PCB might be out of condition.

## 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.**