

## **9Leds 15W RGBWA+UV 6IN1 Outdoor LED Par Light User Manual**

**RG-P50TC15-Kg9A**

**RG-P01B**



# Guangzhou Geliang Lighting Technology Co.,Ltd

Tel/Fax: +62903194   Addr:No.68, Huagang da dao, Xinhua street, Hua du district, Guangzhou, China

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## 1. General Information

### About Unpacking:

Thank you for purchasing the fixture. Every fixture has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your unit for damage and be sure all accessories necessary to operate the unit have arrived intact. In the event damage has been found or parts are missing, please contact our customer support team for further instructions. Please do not return this unit to your dealer without first contacting customer support at the number listed below

### Technical Support:

We provides a customer support line, to provide set up help and to answer any question should you encounter problems during your set up or initial operation. You may also visit us on the web at [www.rigelighting.com](http://www.rigelighting.com) for any comments or suggestions. For service related issue please contact us.

Support Telephone:	+8620- 62903194
Support Email:	<a href="mailto:support@rigelighting.com">support@rigelighting.com</a> (QQ、 MSN as same)
Website:	<a href="http://www.rigelighting.com">http://www.rigelighting.com</a>
WAP:	<a href="http://www.rige.mobi">http://www.rige.mobi</a>
Suggestions and Complaints:	<a href="mailto:complaint@rigelighting.com">complaint@rigelighting.com</a>
Working Time:	(Beijing Time)
Monday to Friday	08:00~12:00    13:30~17:30    18:30~20:30
Saturday	09:00~12:00    13:30~17:00

Note: all the rest of China's holidays!

### Note!

There are no user-serviceable parts inside the machine. Do not attempt any kind of repair; doing so will cause your manufacturer's warranty.

**Important:** Damage caused by neglect of the instructions in the user manual caused no warranty.

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## 2. Packing List

Lighting 1 pcs

User Manual 1 pcs

Power Cable 1 pcs

Signal Cable 1pcs

## 3. Product Features

- The operation is very simple, user-friendly design, dimming without flicker, jitter phenomena. Can be adapted to photography, television and other strict demanding situations for lighting

## 4. Specifications

Item NO.	RG-P50TC15-Kg9A
LED Qty	UV+RGBWA 6in1 LED,15W/pcs total 9 pcs
Rated Power	200W
Input Voltage	AC 100-240V 50/60Hz
Working life	50000Hrs
Gray Level	256
Control mode	Auto-run-mode、DMX 512、sound active mode
DMX Channels	10CH
Beam Angle	□25°
Color Temperature	6000K
Cooling	Natural Convection
Strobe	0~25Hz
Dimensions	270x270x130mm
Package Size	260x260x380mm(1pc/carton)

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Net weight	4.7Kg
Gross Weight	5.2Kg
main material	Die-cast Aluminum
Body color	Black
Ambient temperature	-20℃ ~ +40℃
Environment	Use Outdoor

## 5. Installation Method

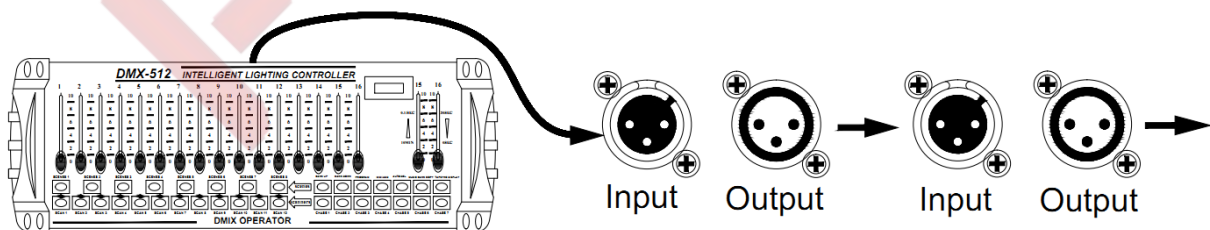
### 5.1 Installation Steps

- Please hand this light into the suitable place with suitable angel (if operate the light in external place, please remember to get some water-proof cover to protect them.).
- To connect the signal cable, plug one side into IN socket in the back of light and plug another side into OUT signal connector in the DMX 512 board(signal input: 1=>Ground, 2=>Data, 3=>data+).
- To connect the cable and put into power, then the light stays in the status to receive the operation signal like: Music, Automatic, and DMX512ect. Take note: Please out of the power line if you will not operate it for a certain time.

### 5.2 Fixture Linking

To run your light shows of one or more fixtures using DMX-512 controller or to run synchronized shows on two or more fixtures in master/slave operating mode, you need DMX cables to link the units from DMX IN to DMX OUT.

Notice: the length of signal cables should be within 100meters, to prevent the signal interference by other appliances because of the long signal cables.



### 5.3 AC Power

The fixture is designed to work on 100-240V 50/60Hz. Before applying power to a unit, check that the source voltage matches the unit's requirement.

## 6. Safety Instructions

We've put the device in advance transferred intact state. In order to maintain this condition and ensure safe operation, the user absolute requirement to comply with the safety instructions and warnings written in terms of manual species.

**Important Notice: Due to neglect this manual caused damage within the scope of our responsibility. Dealer is not responsible for failures and problems arising therefrom.**

- If the device has been exposed to temperature changes due to environmental changes, do not switch it on immediately. The arising condensation could damage the device. Leave the device switched off until it has reached room temperature. This device falls under protection-class I. Therefore, it is essential that the device be earthed.
- The electric connection must carry out by qualified person.
- The device shall only be used with rate voltage and frequency
- Make sure the power cord is never crimped or damaged by sharp edges .if this would be the case, replacement of the cable must be done by an authorized dealer.
- Always disconnect from the mains , when the device is not in use or before cleaning it .only handle the power cord by the plug .Never pull out the plug by tugging the power cord
- During initial start-up some smoke or smell may arise .this is a normal process and does not necessarily mean that the device is defective, it should decrease gradually.
- If the external flexible cable or cord of these luminaries is damaged, it shall be replaced immediately.

## 7. Operation Instruction

- Don't turn on the fixture if it's been through severe temperature difference like after transportation because it might damage the light due to the environment changes .So make sure to operate the fixture until it is in normal temperature.
- This light should be keep away from strong shaking during any transportation or movement.
- Don't pull up the light by only the head, or it might cause damages to the mechanical parts.
- Don't expose the fixture in overheat, moisture or environment with too much dust when installing it. And don't lay any power cables on the floor. Or it might cause electronic shock to the people.
- Make sure the installation place is in good safety condition before installing the fixture.
- Make sure to put the safety chain and check whether the screws are screwed properly when installing the fixture.
- Make sure the lenses are in good condition. It's recommended to replace the units if there are any damages or severe scratch
- Make sure the fixture is operated by qualified personnel who know the fixture before using.
- Keep the original packages if any second shipment is needed.



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- Don't try to change the fixtures without any instruction by the manufacturer or the appointed repairing agencies.
- It is not in warranty range if there are any malfunction from not following the user manual to operate or any illegal operation ,like shock short circuit ,electronic shock ,lamp broke ,etc.

## 8. Maintenance and cleaning

The following points have to be considered during the inspection:

- All screws for installing the devices or parts of the device have to be tightly connected and must not be corroded.
- There must not be any deformations on the housing .color lenses, fixations and installation spots (ceiling, suspension, trussing).
- Mechanically moved parts must not show any traces of wearing and must not rotate with unbalances.
- The electric power supply cables must not show any damage, material fatigue or sediments.
- Further instructions depending on the installation spot and usage have to be adhering by a skilled installer and any safety problems have to be removed.

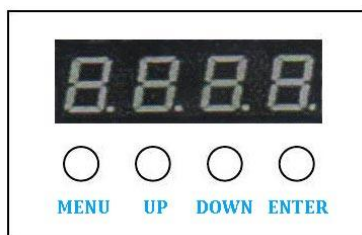
**In order to make the lights in good condition and extend the life time .we suggest a regular cleaning to the lights**

- Clean the inside and outside lens each week to avoid the weakness of the lights due to accumulation of dust.
- A detailed electric check by approved electrical engineer each three months, make sure that the circuit contacts are in good condition, prevent the poor contact of circuit from overheating.
- We recommend a frequent cleaning of the device please use a moist , lint-free cloth . Never use alcohol or solvents
- There are no serviceable parts inside the device please refer to the instructions under "installation instructions".

### Warranty

- The products have 1 year standard warranty, we promise to provide technical support for the whole life.
- Artificial damage is not in warranty.
- Factory repair. If the electronic components are damaged, please retain it then exchange it with manufacturer timely. Buyers bear the freight.
- Power cable, DMX cable and outer casing are not in warranty.
- Should you need any spare parts, please order genuine parts from your local dealer.

## 9. Control Board



### ☆Basic using

**MENU**: Main menu change

**UP**: Scroll up the menu items or browse increasing parameters

**DOWN**: Scroll down the menu items or browse diminishing parameters

**ENTER**: Confirm/Save/Access submenu

Instructions: Press the MENU key will cycle out of eight different functional effects, digital tube in which the first two digits represent the current function (see menu). After two digits to represent the kinds of functions which Address yards. Or speed parameters. Press the UP or DOWN button to modify its parameter values. Press ENTER to confirm.

ALL MENUS ACCORDING TO THE SELECTED AND THEN PRESS THE D KEY TO CONFIRM

N o	LED Display	Function
1	A001	10Channels address code (001—512)
		Press UP/DOWN keys to choice address code
1	D001	6Channels address code (001—512)
		Press UP/DOWN keys to choice address code
2	CC 00	Colors jump(01—99)
		Press UP/DOWN keys to modify the jump speed



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3	EE 00	Colors ramp(01—99)
		Press UP/DOWN keys to modify the ramp speed
4	FF 00	colors pulse (01—99)
		Press UP/DOWN keys to modify the speed of the composite
5	BEBF	colors voice control change
6	R220	Red (000—255)
		Press UP/DOWN keys to modify color
7	G220	Green (000—255)
		Press UP/DOWN keys to modify color
8	B220	Blue (000—255)
		Press UP/DOWN keys to modify color
8	W220	White (000—255)
		Press UP/DOWN keys to modify color
		Amber (000—255)
		Press UP/DOWN keys to modify color
		UV (000—255)
		Press UP/DOWN keys to modify color
9	Y220	Amber (000—255)
		Press UP/DOWN keys to modify color
8	P220	UV (000—255)
		Press UP/DOWN keys to modify color

## 10. DMX Channel

### 6CH Channel Mode

CH	Function	Description
CH1	R dimmer	Linear dimmer (from dark to bright)
CH2	G dimmer	Linear dimmer (from dark to bright)
CH3	B dimmer	Linear dimmer (from dark to bright)
CH4	W dimmer	Linear dimmer (from dark to bright)
CH5	Y dimmer	Linear dimmer (from dark to bright)
CH6	P dimmer	Linear dimmer (from dark to bright)

### 10CH Channel Mode

CH	Function	Description
CH1	dimmer	R,G,B,W,Y,P dimmer, linear dimmer, from dark to bright
CH2	Strobe	R,G,B,W,Y,P strobe, from slow to fast
CH3	Function selection	0-50:DMX 9 Channels control; 51-100:Jump;101-150:Ramp;151-200:Pulse; 201-255:Voice control
CH4	Function speed	function speed(from slow to fast )
CH5	R dimmer	Red Dimmer, Linear dimmer (from dark to bright)
CH6	G dimmer	Green Dimmer, Linear dimmer (from dark to bright)
CH7	B dimmer	Blue Dimmer, Linear dimmer (from dark to bright)

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CH8	W dimmer	White Dimmer, Linear dimmer (from dark to bright)
CH9	Y dimmer	Yellow Dimmer, Linear dimmer (from dark to bright)
CH10	P dimmer	Purple Dimmer, Linear dimmer (from dark to bright)

## 11. Amendment Log

2016-07-10 create the first version V1.0

## 12. Important Notice

The contents of this manual are subject to change without notice, if in doubt, consult your local hotline.

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