

# RGBW 3W54Leds Indoor Par Can

## User Manual

RG-P57IC3-Ke54DE  
RG-P01D



Support Telephone: +8620-86872001/2/3-609

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# Guangzhou Geliang Lighting Technology Co.,Ltd

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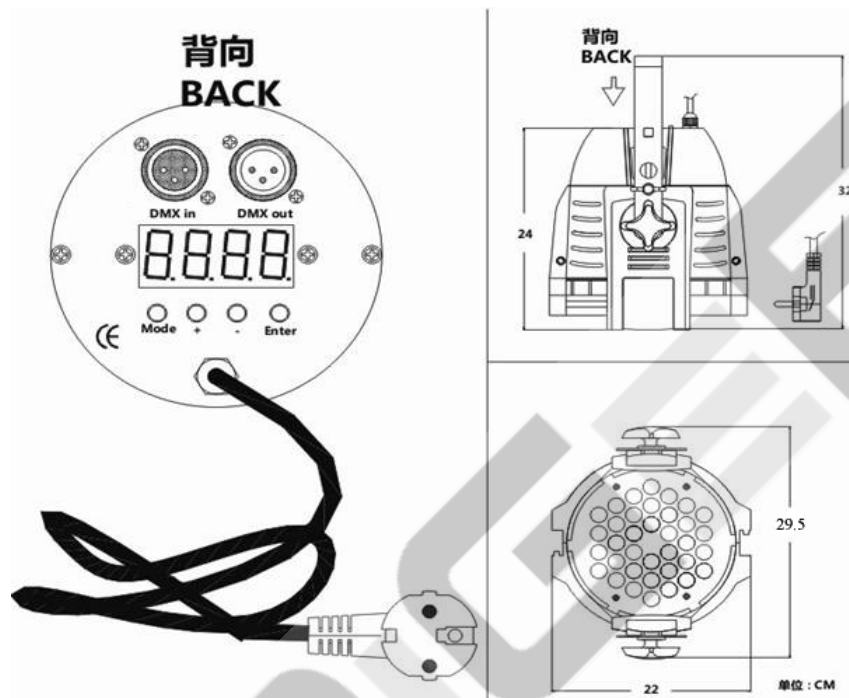
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## 1. Packing List

- LED Par Can 1 pcs
- User Manual 1 pcs
- Signal Cable 1 pcs

## 2. Schematic Diagram



## 3. Product Features

- Unlimited programming effects
- Special lighting effect
- 32-bit colour (16.7 million color combinations)
- Modular & highly portable
- No technical experience required
- Quick and easy installation
- More affordable than any existing solutions
- Sealed for long, durable lifetime
- No bulbs to replace
- Indoor use in well temperate rooms

## 4. Specifications

### 4.1. Physical Specifications

Product Series: Traditional Stage Lighting

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Item No.: RG-P57IC3-Ke54DE  
Size: 300x230x340mm (conclusive of dual hanging bars)  
Net Weight: 3.75Kg  
Gross Weight: 4Kg  
LEDs: (R: 12pcs G: 18pcs B:18pcs W:6pcs) total 54pcs  
Beam: 25°  
Color: Black  
Material: Die cast aluminum  
Package Quantity: 1pcs  
Control mode: Auto-run mode, DMX-512 mode, Sound active mode  
DMX Channels: 9 CH  
Protect Level: IP20  
Ambient Temperature: -20°C~+40°C

## 4.2. Electrical Specifications

Rated Power: 162W  
Input Voltage: AC 100~240V 50/60Hz  
Service Life: 50000hours  
Gray Level: 256

## 5. Installation Method

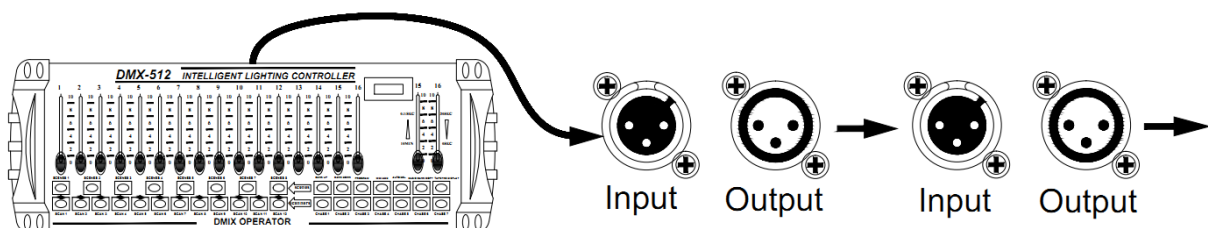
### 5.1. Installation Steps

1. Please hand this light into the suitable place with suitable angel.
2. 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+).
3. To connect the cable and put into power, them the light stay in the status to receive the operation signal like : Music, Automatic, DMX512ect. Take note: Please out off 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.



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## 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. Technical Support

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Website: <http://www.rigelighting.com>  
WAP: <http://www.rige.mobi>

Suggestions and Complaints: [complaint@rigelighting.com](mailto:complaint@rigelighting.com)

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!

## 7. Important

- Do not power the installation process.
- When installing our LED-products, please employ an electrician, who can exactly follow our installation instructions.

## 8. Disclaimer

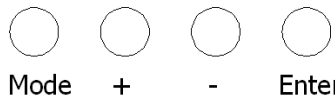
While every care has been taken with the details on this specification sheet, we take no responsibility for any inaccuracies caused during installation. We reserve the right to change these specifications without notice to always ensure that the customer is receiving a superior product.

## 9. Amendment Log

- 7/30/2012 8:30 AM Refresh and revise the user manual.

## 10. Appendix

### 10.1. LED Display Explanation



Turn on the main power, press MENU entering into main MENU, press UP/DOWN (+/-) choosing sub-menu, then press ENTER.

	Mode	+	-	Enter	
	↶	→	←	■	
					Addr ■ d001 ↔ d5 12    DMX mode + Master-slave mode
					rL-- ■ rL00 ↔ rL 12    Red dimmer (0-100%)
					gL-- ■ gL00 ↔ gL 12    Green dimmer (0-100%)
					bL-- ■ bL00 ↔ bL 12    Blue dimmer (0-100%)
					EL-- ■ EL00 ↔ EL 12    White dimmer (0-100%)
					FLAS ■ FL00 ↔ FL 12    Strobe effect
					FADE ■ FA00 ↔ FA 12    Color fade effect
					ASC- ■ AS00 ↔ AS 12    Color jump change effect
					SOUR ■ SOUR    Sound active(color jump change effect)
					SOUF ■ SOUF    Sound active(strobe effect)

### 10.2. DMX Channel Explanation

Channel	value	Function Description
CH1	0-255	Total dimmer (0-100%)
CH2	0-255	Red dimmer (0-100%)
CH3	0-255	Green dimmer (0-100%)
CH4	0-255	Blue dimmer (0-100%)
CH5	0-255	White dimmer (0-100%)
CH6	0-255	Strobe effect(slow-fast)&( CH1+CH2-CH5)
CH7	0-255	Color fade effect (slow-fast)
CH8	0-255	Color jump change effect (slow-fast)
CH9	0-128	Sound active (color jump change effect)
	129-255	Sound active (strobe effect)