

# PAR-363

LED PAR64 with 363 3W LEDs  
User Manual

**Caution! Please read this manual carefully before operating! Pay special attention to sections 3 & 5 of this document. For Indoor Use Only.**

## **1. So, you just purchased VRL! Now what?**

We're excited that you've chosen VRL to meet your lighting needs. In this booklet, you'll find all the information that you need to know about how to install and maintain these high power LED cans. Whether its stage lighting, night clubs or theater, you can trust that VRL is going to deliver.

## **2. What's in the box**

First things first – make sure everything is in the box! Included should be:

**1 – Light Unit**

**1 – Power Cable**

**1 – User Manual (this thing you're reading)**

If you notice anything is missing, contact the VRL dealer immediately. Also, this VRL Par Can doesn't have any serviceable parts, so don't try to fix or modify it, as this will undoubtedly make the LED gods very angry and invalidate your warranty. Not cool. We recommend you keep the original package and proof of purchase in case of needing to replace the unit or return it.



### **3. Installation**

This VRL product is intended for professional use, so make sure anyone who's involved with the installation, operation or maintenance is qualified and familiar with this manual.

### **4. Mounting Instruction**

This product may be mounted in any position provided there is adequate room for ventilation. It is important never to obstruct the fan or vent pathway. Mount the fixture using a clamp (or conventional hardware). Once you're happy with the position of the light, tighten the G-Clamp down. When selecting installation location, take into consideration routine maintenance. Safety cables must be always be used. Never mount in places where the fixture will be exposed to rain, high humidity, extreme temperature changes or restricted ventilation.

### **5. Be Careful!**

We here at VRL want you to enjoy your lights for a long time, so be safe when operating them! Here are some quick tips that we came up with for you:

- When installing, always plug in the power last. When cleaning or when the device is not in use, disconnect the power!
- Don't install and operate the device in rain, extreme heat, moisture or dusty environments.
- Again, this par can is intended for indoor use only. Keep away from all types of moisture.
- If the device has been exposed to extreme temperature fluctuations, give it some time before turning it on. Let it get back to room temperature.

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- Don't shake, kick, punch, throw down, juggle or do anything similar to those to the device. Ever.
- Don't use the device during thunderstorms. We recommend you unplug the device during them.
- Do not use solvents or aggressive detergents to clean the device. Use a soft and clean cloth.
- Don't modify the device or power cable.
- Use appropriate cables and connectors.
- Do not stare into the light, as it emits hazardous levels of optical radiation and will cause serious injury to the eyes if viewed at close range.



## **6. Replacing a Fuse**

Disconnect from the main power supply first, then remove the fuse from the IEC Socket or fuse holder. Replace with a fuse of the correct rating as stated on product label.

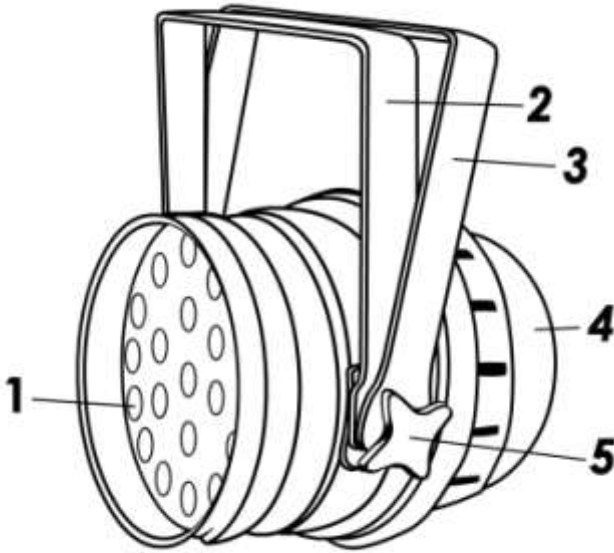
## **7. General maintenance**

To keep this PAR can performing at its best and for a long time, you should perform routine maintenance. Usage and environment are contributing factors in determining frequency. As a general rule, fixtures should be cleaned monthly. Dust build-up reduces light output performance and can cause overheating. This can lead to reduced lamp life and increased mechanical wear. Be sure to power off fixture before conducting maintenance. Unplug fixture from power. Use a vacuum or air compressor and a soft brush to remove dust collected on external vents and internal components. Clean all glass when fixture is cold with a mild solution on a cloth or tissue, and drag dirt and grime to the outside of the lens. Gently polish optical surface until they free of haze and lint.

## **8. Quick trouble shooting**

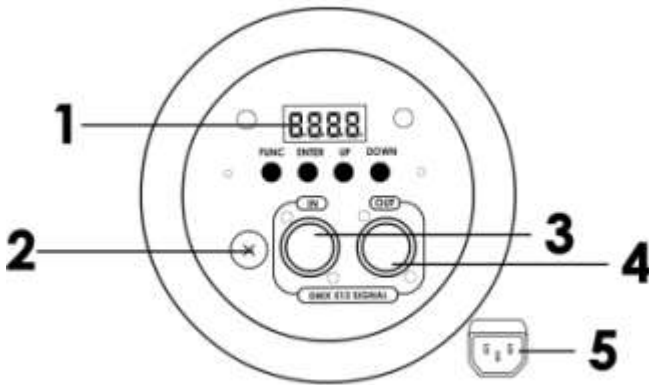
- If the unit doesn't come on, double check all the power connections and make sure everything is hooked up properly.
- If the unit isn't responding to music, make sure it's in "sound to light" mode.
- If the product isn't reacting to DMX signals, make sure all your cables are properly hooked up and that all the connections are good.

## 9. Layout



1. LED Lens
2. Secondary bracket
3. Primary Bracket
4. Housing
5. Thumb Screw

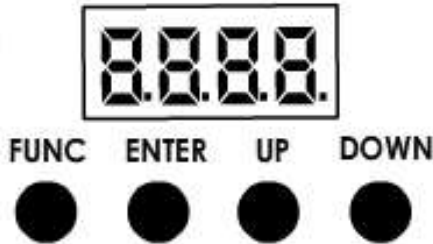
## 10. Rear display



1. Digital Controller
2. Fuse holder
3. DMX IN
4. DMX OUT
5. IEC Input from power Lead

## 11. How it works

Button Operation (from left to right):



FUNC	Function
ENTER	Enter
UP	Up
DOWN	Down

Code Illustration (from left to right):

SOU	Sound to light mode
AUT	Auto mode
A001	DMX Address (1-512)
MAN	Manual Color Select
SLA	Slave mode

To select the mode you want, press the “FUNC” button once. Then press “UP” or “DOWN” until you reach the one you want. Once you find your mode, press “ENT” to confirm.

After selecting a mode, you can scroll through the sub-options by press “UP” or “DOWN” and then “ENT” to confirm. For example, after selecting “MAN” mode, you can scroll through available colors by pressing the “UP”/”DOWN” keys and pressing enter to

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confirm. Then you can adjust the brightness value for each color, making it simple to mix to the color you want.

### **Code Description**

A001 – A512	DMX-512 Address from 1 to 512
Er_L	Indicates breakdown in the DMX connection
AUT1	Auto color switch mode
AUT2	Auto color slow fade in – hold – slow fade out
AUT3	Auto color scroll. Colors change when maintaining the brightness.
P000	Set the time limit between each color change 000 = 128 seconds, 255 = 0.5 seconds
SOU1	Sound to Light mode – Colors change to the beat of music
SOU2	Sound to Light mode – Light effect strobes to the beat of the music
S000	Microphone sensitivity 0 – 100%
MAN	Manual color select
RED	Select red brightness 0-255 (0=0% 255=100%)
GREE	Select green brightness 0-255 (0=0% 255=100%)
BLUE	Select blue brightness 0-255 (0=0% 255=100%)
SLA	Slave mode

## **12.DMX Controlling**

Channel	Function	Value
1	Red 0-100% Dimming	000-255
2	Green 0-100% Dimming	000-255
3	Blue 0-100% Dimming	0-255
4	Blackout	000-010
	Master dimmer 0-100%	011-249
	Full 100%	250-255
5	000-01 No strobe	000-010
	011-255 Strobe to slow fast	011-255
	Auto mode speed control slow to fast (when CH6 DMX is between value 011-138)	000-255
6	Off	000-010
	Auto Color Switch	011-045
	Auto Color Pulse	046-090
	Auto Color Scroll	091-138
	Sound to Light	139-195
	Sound to light Strobe	196-255

## **13. Disposal**

Please dispose of the device according to local and national guidelines.

## **14. Technical Specs**

- 120V AC, 50/60Hz
- LED Life: 50,000 Hours
- 25° – 30° beam angle
- Power Consumption – 115W
- Fuse – 1A
- Dimensions 245 x 245 x 370mm