

VR IR SlenderLed RGB PAR64 User Manual

Specification

Weight: 2.1kg

Dimensions: 22 x 22 x 7cm

Input Power: 120v/240v AC, 60/50 Hz.

Power consumption: 30W

LEDS: 180 x 0.85w 10mm ultra-bright RGB: 36 x RED, 84 x GREEN, 60 x BLUE.

410 Hz LED driver chips for flicker free operation when using video.

3 x Pin Male and 3 x Pin female XLR sockets for DMX IN / OUT

Features

Built-in microphone, with additional sound sensitivity control

Black or White paint finish available, with colour coordinated power leads

Silent Operation

UV safe

Virtually no heat produced

Slim design (70mm thick)

Fitted with "A" Frame Bracket for ease of up-lighting

Rubberised easy wrap cable

Mains Link sockets (up to 65 x units can be linked from 1 x 13A power point)

Optional Extras

Infra-Red Remote Control

Foot Switch Control

Easy to use RGB control desk

Colour coordinated "Power Link leads" available in 600mm & 5mtr lengths

Introduction

Thank you for choosing the VR Slenderled RGB PAR 64

Prior to use, please read all the instructions carefully paying particular attention to the installation of this product.

By following the suggestions found in this user manual you can look forward to long and reliable service of your new product.

Unpacking, Inspection and Installation

Please check that the following items are included in your packaging. If anything is missing please contact your dealer.

VR Slenderled PAR 64 RGB PAR CAN • Power cord with 13A mains plug

Carefully remove all packaging materials from the box, ensuring that all foam padding is discarded responsibly.

This unit can be mounted and operated at any angle; however we would recommend using a suitable safety chain if the unit is to be installed above head height.

As little or no heat is generated by the unit it can safely be installed behind marquee linings and drapes.

Set Up

Connect your PAR 64 to a suitable mains supply with the power lead (Included)

Note: Up to 65 Units can be linked together using the Power In / Out sockets and the optional IEC to IEC mains link lead.

Set the Dip Switches on the rear of the Unit to your required operating mode.

Infra Red Remote Control Mode: All Switches "OFF"

Manual Mode: See manual Operation

Slave mode: Switch 1 & 10 "ON"

DMX Operation: Set as per DMX Address (See DMX Mode)

Operation

Master / Slave Operation: Link multiple units together using a suitable DMX lead fitted with 3 pin XLR Connectors. The first unit in the chain will be the master unit so can be set to whatever colour or mode is required; all the other units are slaves and so set Dip Switches 1 & 10 on the rear of the slave units to the "ON" position.

Connect all the units to a suitable mains supply, if required the units can also be linked with the optional mains link cable (available separately).

Whatever the Master unit is then set to, the Slave units will now copy.

Manual Operation: The PAR 64 can be set to a number of basic colours by selecting various dip switch combinations on the rear of the unit.

Dip Switch 1 = Red, 2 = Green, 3 = Blue. Note: By combining switches additional colours can be mixed, i.e. Dip Switch 1 & 3 will combine Red & Blue giving Purple.

Dip Switch 9 will place the unit in Sound to Light Mode. In this mode the unit will chase through the colours in time to the music. Note: Adjust the sound sensitivity control on the rear of the unit as required. Careful adjustment of this control will enable the unit to flip through the colours in time to the base beat of the music.

Optional Infra-Red remote Control Operation

Using the "VRIR" infra-red remote control transmitter (optional)



VRIR Instructions

Connect the SlenderLed LED colour changing unit to a suitable mains power supply.

If required, the units may be linked together using a suitable 3 PIN DMX lead.

Point the VRIR controller at the IR lens on the front of the Slenderled Unit.

1. Press "BLACK OUT" to switch the units on or off.
2. Press "A" to set the units to Auto run.
3. The "PROGRAM" button is used in conjunction with buttons 1 to 9 or "+" & "-" to select the various built in programs.

Note: The programme's can be modified once selected.

4. Press the "F" button to select the flash mode.
5. The "SP" Button controls the speed at which a program runs or the flash speed of the LED's when in the flash mode.

Note: Use in conjunction with the + & - buttons.

6. Pressing "D" puts the unit into DMX mode.

Note: Refer to example of how to set the DMX address.

7. The "SA" button set the units to operate Sound-to- Light.

8. Pressing the "SL" button puts the unit into "Slave" mode.

9. The "R" "G" & "B" buttons are used to control the intensity of individual colours.

Note: Use in conjunction with the + & - Buttons.

10. The "S" button used in conjunction with the numbered "0" to "9" buttons sets the units DMX address, (see example below).

Setting the DMX Address using the VRIR

(Example to set the DMX address to "001")

1. Press the "S" button; note that all the "Red" LED's will light indicating that the unit is ready to except the DMX address.

2. Press the "0" button; note that all the "Green" LED's will light indicating that the number "0" in the "001" address is set.

3. Press the "0" button, note that all the "Blue" LED's will light indicating that the number "0" in the "001" address is set.

4. Press the "1" button, note that all the "Red" "Green" and "Blue" LED's on the unit light, indicating that the final number in the "001" address has been set.

5. Pressing the "D" button then sets the DMX operation. The unit is then ready to except a DMX signal corresponding to the address "001".

Built in Programs using the Remote Control

Point the VRIR remote at the IR lens on the front of the VR unit.

Press "P" then "1" set the colour to RED, press "2" to select GREEN and "3" to select BLUE.

Pressing "P" then either "4" "5" or "6" selects the most popular combinations of RGB for quick access.

Pressing "P" then "7" selects all the RGB LED's to give WHITE.

Pressing "P" then "8" selects a colour chase.

Pressing "P" then "9" selects a colour fade.

Alternatively pressing the "Prog" button followed by "+" or "-" to run through all the various programs.

Note: The chase or fade speed on programs "P8" or "P9" can be adjusted to suite your individual requirements by pressing the "SP" button and then clicking the + & - buttons to speed up or slow down the program when it is running.

Also using the "SP" and + & - buttons will adjust the flash speed of the LED's when in the Flash mode.

Simple Colour Mixing

If you would like to select a custom colour, first select WHITE ("P" "7") and then you can press the "R", "G" or "B" buttons and the + & - buttons to mix your individual colour. For example if you need PINK, first select "P7" then press the "G" button, then keep pressing the "-" button until your required shade of pink is obtained.

LED Technologies RGB Easy Controller

Set DMX switches to DMX position 1: Switch 1 & 10 "ON"

Connect the unit to the RGB Easy Controller using a suitable DMX lead fitted with 3 pin XLR Connectors. Refer to the instructions on the use of the RGB Easy Controller for more detailed operation.

Tip: When selecting a colour look at the area that the light shines onto and not directly at the LED's.

DMX Mode

The unit can be set to DMX mode which will enable accurate control over all functions and colour mixing using a compatible DMX 512 Controller.

Switch Dip switch 10 to "ON" (DMX Mode) and then select the appropriate DMX address using switches 1 to 9:

DMX Switch Values

Switch 1=1, 2=2, 3=4, 4=8, 5=16, 6=32, 7=64, 8=128 & 9=256.

Examples: To set DMX Address 17: Switch numbers 5 & 1 "ON"

DMX Address 50: Switch numbers: 6, 5 & 2 "ON".

DMX Protocol Table

Channel	DMX Value	Function
1	000 – 255	Red
2	000 – 255	Green
3	000 – 255	Blue
4	000 – 189	Master Dimmer
	190 – 250	Strobe
	251 – 255	100% Brightness