

VR1000, Warm White User Manual

Specifications

Input Voltage: 100 – 240v AC 50-60Hz

Power Consumption: 30w

Dimensions: 1000 x 80 x 75mm

Weight: 4.2kg

LED's: 240 x 10mm Ultra-bright Warm White LED's

DMX Connections: 3 pin male / female flying leads with IP65 rated connectors

Mains Link: 4 pin male / female flying leads with IP65 rated connectors

Infra – Red Remote Control Sensor

Features

Infra Red Remote Control (Using optional VRIR remote Transmitter)

Stand Alone / Master Slave

DMX 512 Controllable (2 x Channel)

410Hz LED Driver Chips for Flicker Free Operation when using Video Equipment

IP44 Rated for Outdoor Use

Power and DMX Linkable

Low Power Consumption

Rubberised easy wrap cable (Optional Data & Power link leads are available in various lengths).

Introduction

Thank you for choosing the VR1000 Warm White.

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 Outdoor Unit • 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 VR Outdoor LED light to a suitable mains supply with the power lead (Included)

Note: The whole range of VR Outdoor lights can be connected together in any sequence.

Up to 10 Units can be linked together using the IP64 rated mains link leads.

Extension Data and Mains Links in various lengths are available as an optional extra.

Operation

The VR Range of outdoor lighting requires a VRIR Infra-Red Remote control transmitter to set up the units.

They can then be controlled either using the VRIR, by a suitable DMX controller.

Infra-Red remote Control Operation (VR1000 Warm White instructions only)

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



VRIR Instructions

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

1. Press "BLACK OUT" to switch the units on or off.
2. Press the "F" button to select the flash mode.
3. The "SP" Button controls the flash speed of the LED's when in the flash mode.

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

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

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

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

9. The "R" button is used to control the intensity of the white LED's.

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 LED's will light indicating that the unit is ready to except the DMX address.
2. Press the "0" button; note that all the LED's will light indicating that the number "0" in the "001" address is set.
3. Press the "0" button, note that all the LED's will light indicating that the number "0" in the "001" address is set.
4. Press the "1" button, note that all the 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" to switch on the White LED's

Strobe

Press the "F" button, the LED's will then flash.

Press the "SP" button and + & - buttons to adjust the flash speed of the LED's.

Master / Slave Mode

Multiple units together using the data and mains flying leads or extension leads. The first unit in the chain will be the master unit; all the other units are slaves so should be set to slave as detailed in the VRIR operation above.

Connect all the units to a suitable mains supply then whatever the Master unit is set to, the Slave units will copy.

DMX Mode

The unit can be set to DMX mode (as above) which will enable accurate control over the LED dimming using a compatible DMX 512 Controller.

DMX Protocol Table

Channel	DMX Value	Function
1	000 – 255	White Dimming 0 – 100%
2	000 – 255	Strobe 0 – 100%