VR SlenderLed Style 10w RGBWA Quinn Colour User Manual

Specification
Input Power: 90V - 240V, 50 - 60Hz
Power Consumption: 50w
Dimensions: 24 x 11 x 26.5cm
Weight: 2.8kgs
LED's: 5 x 10W Quinn Colour LED's (RGBWA)
Beam Angle: 40 deg
UV Safe

Features
White Steel Case
Fitted Safety Eye
Mains Link using IEC / IEC Sockets
DMX Link
DMX 512 Controllable (8 x Channels)
Slave Mode
Sound Active
Strobe
Four button control with digital interface
IR Remote Control (using optional VR IR Remote controller (Type 2)

Introduction
Thank you for choosing the VR SlenderLed Style 10w RGBWA Quinn Colour Unit, 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 a 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.

SlenderLed Style Unit • Power cord with fitted 13A mains plug

Carefully remove all packaging materials from the box, ensuring that all foam packaging 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 SlenderLed Style unit to a suitable mains supply.

Note: Up to 20 x Units can be linked together using a suitable IEC / IEC Mains Link. DMX Data Link cables are also available as an optional extra.

Display Setup

It is possible to set the digital display on the rear of the units to either illuminate permanently or switch off after 20 seconds.

Press **MODE** until the display reads either **don** or **doFF** this indicates that the display is permanently on or will switch off after 20 seconds.

Pressing the **UP** & **DOWN** buttons will toggle between **don** & **doFF**.

When the display reads **don**, the display will illuminate as long as the unit is powered on. When the display reads **doFF**, the display will switch off after 20 seconds.
Note: When the display switches off, pressing any of the buttons will switch the display on again for 20 seconds.

Inverting the Display
The display can be inverted so it can be easily read when the unit is mounted upside down.

To reverse the display, Press **MODE** until **don** or **doFF** is displayed depending on the setting. Press **SETUP** until **Stnd** is displayed. Press the **+** & **-** buttons to invert the display.

SlenderLed Style Operation

Manual Mode
Press **MODE** until **CLXX** or is displayed where **XX** is a number between **00** & **31**. These numbers corresponds to 31 pre-mixed colours plus blackout.

00 = Blackout and **01–31** are various pre-mixed colours; pressing the **UP** & **DOWN** buttons will enable you to select these colours.

Manual Dimming Mode
In this mode, it is possible to set individual values representing the brightness of the five colours, **r = Red**, **6 = Green**, **b = Blue**, **U = White** and **A = Amber**.

Press **MODE** until **r.XXX** is displayed where **XXX** is a number between **000** & **255**. Press the **UP** & **DOWN** buttons to adjust the value of **XXX** to increase or decrease the **Red** LED's. Press **SETUP** to select **r.XXX**, **6.XXX**, **b.XXX, U.XXX or A.XXX** to adjust the **RED**, **GREEN**, **BLUE**, **WHITE & Amber** colour intensity.

Varying each one of these values by pressing the **UP** & **Down** buttons will enable you to mix your own custom colour and as each colour has a numerical value; it is easy to ensure all the units are set the same.

TIP: If you mix a colour that you particularly like, simply jot down the values for each colour so that you can mix it easily the next time around.

TIP: Holding the **UP** or **DOWN** button will scroll through the values quickly, if you want to select full on or off, the numbers will go back to **000** after **255** for ease of mixing.

Note: Once you have mixed a particular colour, the SlenderLed Style unit has memory, so if the power is removed from the unit, when it is re-applied the unit will remember the last colour mixed.

Program Mode

This enables you to select a number of built in programs including various fade and chase sequences.

Press **MODE** until **AFXX** is displayed where **XX** is a number between **01** & **16**. This number represents 16 different Colour Pulse & Fade Programs. By pressing the **UP** and **DOWN** buttons you can select each of these programs to suit.

Press MODE until: **AJXX** is displayed where **XX** is a number between **01** & **16**. This number represents 16 different Colour Chase Programs. By pressing the **UP** and **DOWN** buttons you can select each of these programs to suit.

Program Speed
The speed of the above programs can be adjusted.

When in **Fade** or **Chase** program mode, press **SETUP** until **SP.XX** is displayed where **XX** is a number between **01** & **16.** Pressing the **UP** and **DOWN** buttons will vary the speed at which the program runs at, **00** being the slowest and **16** the fastest.

Program Auto Run
When in Program mode, press **SETUP** until **A-JF** is displayed. All the various programs will run in sequence, the speed of this is adjustable as above.

Strobe Effect
To add a Strobe effect to all manual modes including auto run, press **SETUP** until **FS.XX** is displayed where **XX** is a number between **00** & **15**. Pressing the **UP** or **DOWN** buttons will adjust the speed of the strobe with **00** as no strobe effect, **01** slow strobe to **15** fast strobe.

Sound Active
Press **MODE** until **So.XX** is displayed, where **XX** is a number between **01** & **16** corresponding to the sensitivity level. Pressing the **UP** or **DOWN** buttons adjust the sensitivity level enabling the unit to follow the beat of the music if required, **01** being less sensitive and **16** most sensitive. There are various programs that can be selected in Sound Active mode, press the **SETUP** button until **SJ-X** is displayed where **X** is a number between **1** & **8** select the various sound active programs by pressing the **+ & -** buttons**.**

Note: Once the required program is selected the display will revert to sound **So.XX** mode after a few seconds.

Slave Mode
Press **MODE** button until **SLAu** is displayed. This puts the unit into **Slave Mode** which when connected to other SlenderLed Style 10w Quinn units will enable it to mimic the master unit when they are daisy chained together using DMX leads.

Note: Slave Mode can also be used when connected to the LED Technologies Easy Controller (available separately).

Manual Setting of DMX Mode
Press **MODE** button until **d.XXX** is displayed, where **XXX** is the value of the DMX address between **001** & **512**. By pressing the **UP** or **DOWN** buttons the DMX address can be set from **001** to **512**. If there is no DMX Signal to the units, **d.XXX** will flash. Once a DMX source is connected the display will stop flashing.

Infra-Red Remote Control

(Using the optional Infra-Red remote control transmitter)

IMPORTANT: Before the unit can be used in Remote Control Mode it is important that the IR function is enabled.

To check this, press **MODE** until **don** is displayed.
Press **SETUP** until **Iron** or **IroF** is displayed.
If **Iron** is displayed then the Infra-Red function is enabled.
If not then press the **+ & -** buttons until **Iron** is displayed.
To disable the Infra-Red function, press the **+ & -** buttons again until **IroF** is displayed.

Instructions

Note: when the remote control is being used, the display on the rear of the SlenderLed Style will mimic the information sent from the remote control, giving a visual indication of the operating mode and values set by the remote.
Point the Infra-Red transmitter at the front of the Unit (the IR receiver is positioned near the center of the LED Clusters).

Press **BLACK OUT** to switch the units **ON** or **OFF**.

Press **PROG** then the **+** & **-** buttons to select the 31 various pre-mixed colours.

Press **F** to select flash, adjust the speed with the **+** & **-** buttons

Press **D** to select DMX mode. (Refer to how to set the DMX address below).

Press **S** then the numbers **0** to **9** to set the DMX address, (see example below).

Press **SL/SA** to select either the **Sound Active** or **Slave mode**.
Note: When in **Sound Active** mode, pressing the **+** & **-** buttons adjusts the sound sensitivity.

Press the **SP** Button and the **+** & **-** buttons to select the required sound program.

Press the **Red, Green, Blue, White or Amber** coloured buttons to control the intensity of individual colours. Note: Use in conjunction with the **+** & **-** Buttons.

Setting the DMX Address using the VRIR MK2
(Example to set the DMX address to 001)

1. Press the **S** button; note that all the LED's will flash momentarily then stay on Red 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 LED's on the unit will flash then go out, indicating that the final number in the 001 address has been set.

5. The unit is then ready to except a DMX signal corresponding to the address **001**. Note: After using the unit in any other mode, pressing the **D** button then sets the unit to DMX mode; the last address set will then be applied.

Simple Colour Mixing Using the MK2 Remote Control

To mix a custom colour, press the **Red, Green, Blue, White or Amber** coloured button corresponding to the colour that you would like to adjust. Press and hold the **+** or **-** buttons to increase or reduce the colour selected. Note: The display on the rear of the unit will show the value of the colour intensity as you are adjusting it.

Note: If you mix a particular colour and then go on to use the unit in another mode, pressing any of the coloured buttons again will set the colour to the last custom colour mixed.

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

LED Technologies RGBWA Easy Controller

The SlenderLed Style needs to be set to **Slave Mode** or **DMX Mode 5** when operating using the Easy Controller.

DMX Address to 001 (see DMX setting below or IR setting of DMX address)

Connect the unit to the RGBW Easy Controller using a suitable DMX lead fitted with 3 pin XLR Connectors.

Refer to the instructions on the use of the RGBWA Easy Controller for more detailed operation.

DMX Protocols

Note: The SlenderLed Style 10w Quinn Colour unit has **four** DMX Modes:

5 x Channel Mode (RGBWA)

Channel	DMX Value	Function
1	000 - 255	Red
2	000 - 255	Green
3	000 - 255	Blue
4	000 - 255	White
5	000 - 255	Amber

6 x Channel Mode (Master Dimmer)

Note: Channel 6, must be fully on to operate Channels 1 – 5.

Channel	DMX Value	Function
1	000 - 255	Red
2	000 - 255	Green
3	000 - 255	Blue
4	000 - 255	White
5	000 - 255	Amber
6	000 - 255	Master Dimmer

7 x Channel Mode (RGBWA, Master Dimmer & Pre-Mixed Colour Select)

Note: Channel 6, must be fully on to operate Channels 1 – 5 and Channel 7.

Channel	DMX Value	Function
1	000 - 255	Red
2	000 - 255	Green
3	000 - 255	Blue
4	000 - 255	White
5	000 - 255	Amber
6	000 - 255	Master Dimmer
7	000 - 007	Blackout When 1,2,3,4 & 5 are at 000
7	008 - 255	Pre-Mixed Colour Selection (When1,2,3,4 & 5 are at 000)

8 x Channel Mode (RGBWA, Master Dimmer, Pre-Mixed Colour & Strobe)

Note: Channel 6, must be fully on to operate Channels 1 – 5 and Channel 7 & 8.

Channel	DMX Value	Function
1	000 - 255	Red
2	000 - 255	Green
3	000 - 255	Blue
4	000 - 255	White
5	000 - 255	Amber
6	000 - 255	Master Dimmer
7	000 - 015	No Strobe
7	016 - 255	Strobe Speed Slow to Fast
8	000 - 007	Blackout When 1,2,3,4 & 5 are at 000
8	008 - 255	Pre-Mixed Colour Selection (Overrides 1,2,3,4 & 5)