15pcs 15W RGBW 4in1 LED Par Light

VG-LP1515Z

CE RoHS

User Manual

📖Please read this user manual before using this product！

Keep it for further reference!

http://www.vangaa.com

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Ⅰ. GENERAL

Thank you for using our products. This product is designed for indoor and outdoor use. It is suitable for disco, stage, building etc. As the high power LED Par lighting, this product can be operated as a single unit or in multiple units for large applications. Direct input of DMX512 signal to unit to allow it can be controlled by any DMX512 controller. Powerful internal programs and friendly and convenient operation interface allow customers to program freely to any different lighting project requirements for installation or shows.

This high power par light has got the nice sculpt, efficient, save electricity and durable.
This product complies with the following standards:

IEC60598-1:2003
IEC60598-2-17:1984+A2:1990

On receiving products, please carefully check that there has been no damage caused in transportation and that the following parts are enclosed:

Power Cable ------- 1pc   Signal Output Cable ------- 1pc

User Manual ------- 1pc   Signal Input Cable --------- 1pc

Ⅱ. FEATURES

·4-digit display, with power and data indication;

·256 degree brightness adjust, RGBW Mix could reach 16,000,000 Colors;

·Several built-in program function, strobe function, auto running, master/slave working mode;

·10, 7 DMX control channels modes optional;

·Over temperature protect;

·High brightness and Long project distance;

·We have created the grayscale adjusting and regulation technique. It makes the dimmer become more smoothly;

·ID function.

Ⅲ. SAFETY WARNING

Every person involved with the installation, operation and maintenance of this device has to know:

1). This product must be installed by a qualified professional;

2). This product left the place of manufacture in perfect condition. In order to maintain this condition and for safe operation, the user must always follow the instructions and safety warnings described in this user manual;

3). Manufacturer will not with responsibility for those operations not according to this Instruction.

Ⅳ. OPERATION ATTENTION

- Do not connect power cable of other electric products with this unit;
- Do not connect DMX512 Signal cable of other electric products with this unit;
- Always make sure that you are connecting to the proper voltage, and that the line voltage you are connecting to is not higher than that stated on the decal or rear panel of the fixture;
- Always ground (earth) the fixture electrically;
- During long periods of non-use, disconnect the unit's main power;
- Do not attempt to operate this unit if the power cord has been frayed or broken;
- There are no user serviceable parts inside the unit. Do not open the housing or attempt any repairs yourself;
- Maximum ambient temperature (Ta) is 35°C. Do not operate fixture at temperatures higher than this;
- The surface temperature of the light can reach to 65° C, cool down at least before you operate the light;
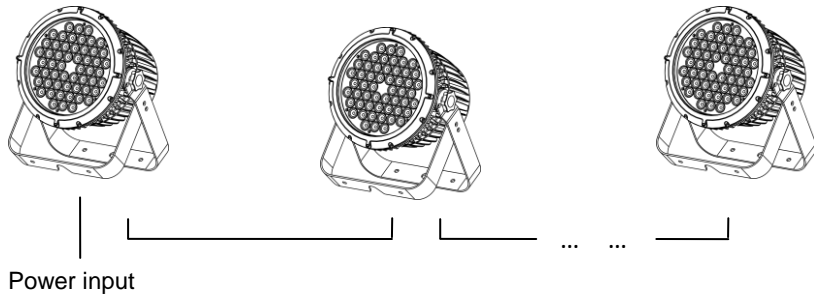
- The minimum distance between light-output and the illuminated surface must be more than 1 meters. Keep all combustible materials (for example fabric, wood, paper) at least 0.5 meters away from the fixture;
- Avoid looking directly into the light source (especially those who suffer from epileptic fits);
- Always mount this unit in safe and stable matter;
- When suspending the fixture above ground level, verify that the structure can hold at least 10 times the weight of all installed devices;
- Verify that all external covers and rigging hardware are securely fastened and use an approved means of secondary attachment such as a safety cable;
- Block access below the work area whenever installing or removing the fixture.
- Avoiding hit the Light when you are move or install the light;
- If the exterior cord of the fixture is damaged, it must be replaced by manufactory, agent or a qualified technician.
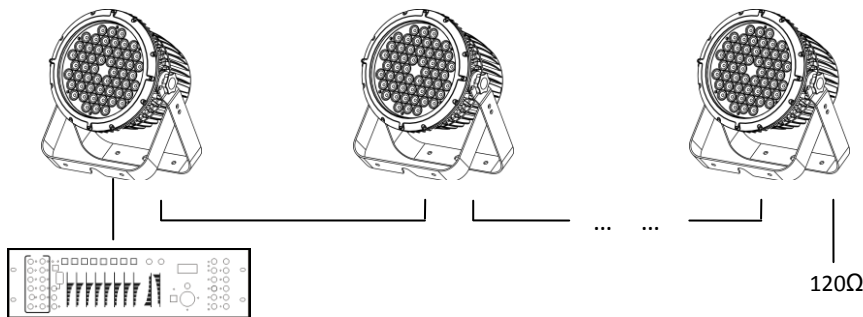
Ⅴ. PRODUCT DETAILS

Ⅵ. POWER CONNECTION

Connect the enclosed power transform cable to the POWER IN of the 1st lighting, and connect the POWER IN of the 2nd to POWER OUT of the 1st lighting, and so on. Do not connect more than 10 pieces lighting in the Same Circuit series.
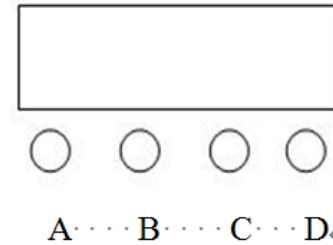
Power input

Ⅶ. DATA CONNECTION

Connect the DMX-output of the controller to DMX IN of the lighting by the enclosed signal cable, if you want to connect more lightings, connect DMX OUT of the first lighting to the DMX IN of the next lighting, and so on. Solder a 120Ω resistor between Signal (−) and Signal (+) into a 3-pin XLR-plug and plug it in the DMX-output of the last lighting can prevents electrical noise from disturbing and corrupting the DMX control signals.

120Ω

50 fixtures may be connected in Signal series without Signal amplifier.

Ⅷ. CONTROL PANEL OPERATION

BUTTON

A   Function keys

B   UP

C   DOWN

D   Enter key

INDICATOR

There are 4 dots at the bottom of the digital tube, from left to right as:

1. DMX signal LED indicator;

2. Memory writing indicator, (Press **ENTER** after amending the DATA, This Dot will be light up, it means the Data is saving);

3. Power indicator;

4. Keyboard available indicator.

MENU NAVIGATION

No	Menu	Menu Function	Description
1	d001	DMX 512 Address code Settings 001	Press UP and DOWN to adjust the address code, press ENTER to save
2	r255	RED brightness adjustment 255	Press UP and DOWN to adjust the brightness of RED color, press OK to save
3	G255	Green brightness adjustment 255	Press UP and DOWN to adjust the brightness of GREEN color, press OK to save

4	b255	Blue brightness adjustment 255	PressUP and DOWN to adjust the brightness of BLUE color and press OK to save
5	H255	White brightness adjustment 255	Press UP and DOWN to adjust the brightness of WHITE color, press OK to save
6	F255	focal setting	Press UP and DOWN button to adjust the focal length, control the key to save
7	Pr01	Built-in program setting 01	Press UP and DOWN button to select the built-in program, press OK key to save
8	SP01	Built-in program speed setting 16	Press UP and DOWN to select the built-in program speed, press ENTER to save
9	LD01	Dimmer mode selection	Press UP and DOWN to select smooth dimmer or beam dimmer mode
10	AUTO	Auto run mode	Press OK to save
11	AUDI	Voice control mode	Press OK to save
12	NT00	temperature display	Display the current operating temperature of the lamp bead
13	DISP	Display the inverted selection	Press UP and DOWN to select positive and backward
14	REST	restoration	Press OK to reset

IX. CHANNEL FUNCTION

11CH MODE

CH	VALUE	NAME	FUNCTION
CH1	000←→255	General dimmer	R、G、B、W General dimming, linear dimming, from dark to light
CH2	000←→255	Strobe	R、G、B、W Strobe, from slow to fast
CH3	000←→255	RED dimming	R dimming, RED linear dimming, from dark to light
CH4	000←→255	GREEN dimming	G dimming, GREEN linear dimming, from dark to light
CH5	000←→255	BLUE dimming	B dimming, BLUE linear dimming, from dark to light
CH6	000←→255	WHITE dimming	W dimming, White linear dimming, from dark to light
CH7	000←→255	Colors	Color combination
CH8	000←→010 011←→120 121←→180 181←→244 245←→255	Macro	The first 7 channels enable; Jump; Gradual change; Jump, gradual change; Voice control
CH9	000←→255	Macro function speed	Goes up slowly, 0 goes the fastest
CH10	000←→255	Focus	Focal length setting
CH11	000←→255	RESET	Press OK to reset

In the address code state, if there is no console after multi-machine connection, the master-slave online function can be realized to operate one of the devices, and the rest devices in the address D001 state can run programs synchronously with the host.After connecting the

console, if the console signal is received, the address code d will change into A, and the device in the address state can be controlled by the console.

Ⅹ. TECHNICAL SPECIFICATION

Power supply	AC90-240V, 50/60Hz
Power consumption	200W
Light source	15pcs 15W RGBW 4in1(R: 3W, G: 4W; B: 4W; W:4W)
LED rated life	50,000 hours
Beam angle	10-60°
DMX channels	11CH
Protocols	DMX-512
Control modes	DMX-512; Master/slave mode; Demo mode
Housing	Aluminum
Protection rating	IP65
Working temperature	-25-60℃
Fixture dimensions	330×340×240mm
Net weight	7.53kg

NOTE: Due to improvement, the product specifications and this manual are subject to change without prior notice.

Please keep this manual as a reference.

Thanks again for your business. We truly appreciate it!