RGBWAUV Indoor 6in1 LED Par Light

VG-LPI1818H

CE RoHS

User Manual

📖Please read this user manual before using this product！

Keep it for further reference!

http://www.vangaa.com

Ⅰ. GENERAL

Thank you for using our products. This product is designed for indoor use. It is suitable for disco, stage, building etc. As the Indoor 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.

The operation is very simple, user-friendly design, dimming without flicker, jitter phenomena. Can be adapted to photography, television and other strict demanding situations for lighting

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. 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.

Ⅲ. 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.
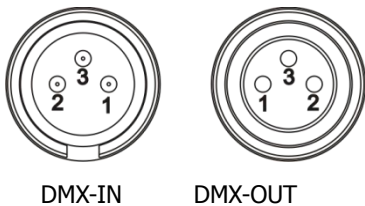
Ⅳ INSTALLATION INSTRUCTION

Before plug-in the power, please make sure the voltage, frequency of the light are correspond to the power. And ensure the grounding line of the light working reliable.

You can distinguish the different power cords as below:

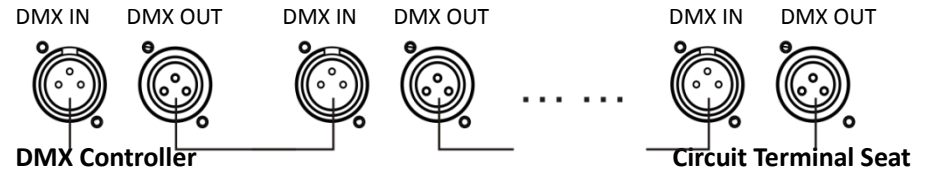| Color of the Power Cord	Connection
Brown	Live line
Blue	Neutral/Null line
Yellow green	Earth line

1. Signal Connection

This light provide 3 pins cannon seats, Pin1 for signal ground, Pin2 for signal-, Pin3 for signal+.
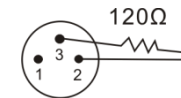
DMX-IN   DMX-OUT

The controller, light and light will be connected by 3 pins signal cables one by one.

You can connect the output of the controller with input of the first light, and connect the output of the first light with the input of the second light in the DMX control mode, and so on one by one. And please connect the output of the last light with the terminal seat. You can don't need
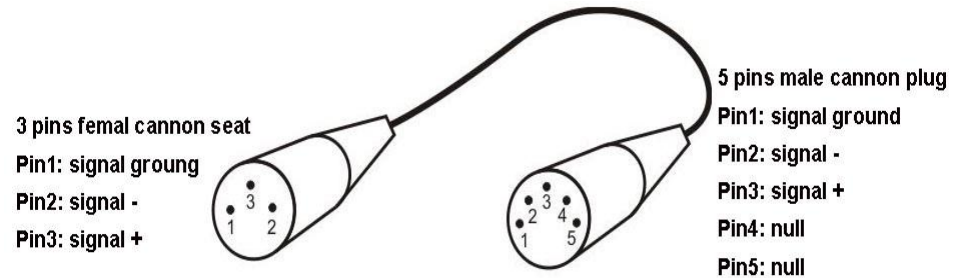
the controller and circuit terminal seat in the master/slave controller mode.

DMX IN   DMX OUT   DMX IN   DMX OUT   DMX IN   DMX OUT

DMX Controller   **Circuit Terminal Seat**

You can use one 120Ω& 0.25W resistance to insert into and weld the pin2 & pin3 of one male cannon plug to make the circuit terminal seat. The circuit terminal seat can avoid DMX-512 signal reflex and interference effectively.

120Ω

If the output of your controller is using 5 pins cannon seat, please use 5pins into 3pins signal change cable.

3 pins femal cannon seat
Pin1: signal groung
Pin2: signal -
Pin3: signal +

5 pins male cannon plug
Pin1: signal ground
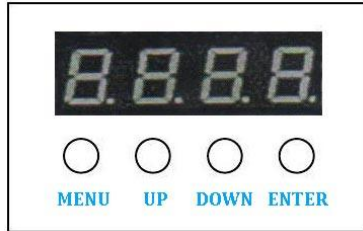Pin2: signal -
Pin3: signal +
Pin4: null
Pin5: null

2. Installation Method

The light can be placed on the solid plane places, then loosen the screw on both sides of the handles to adjust the right project angle. Please pay attention the places are non-flammable.

Install the clamp into the hole of the handle, and hang it on the truss then. You can adjust the right project angle through the screw of the both sides of the light. It's

important that you have to use one or more protection measures to prevent the light will

fall, such as the safety rope. You can buy the clamps and safety ropes from our

company.

Ⅴ OPERATION OF THE CONTROL PANEL

☆Basic using

MENU: Main menu change

UP: Scroll up the menu items or browse increasing parameters

DOWN: Scroll down the menu items or browse diminishing parameters

ENTER: Confirm/Save/Access submenu

Instructions: Press the MENU key will cycle out of eight different functional effects, digital tube

in which the first two digits represent the current function (see menu). After two digits to

represent the kinds of functions which Address yards. Or speed parameters. Press the UP or

DOWN button to modify its parameter values. Press ENTER to confirm.

Ⅵ FUNCTION MENU

All menus according to the selected and then press the D key to confirm

No	LED Display	Function
1	A001	10Channels address code（001—512）

		Press UP/DOWN keys to choice address code
1	D001	6Channels address code（001—512）
		Press UP/DOWN keys to choice address code
2	CC 00	Colors jump(01—99)
		Press UP/DOWN keys to modify the jump speed
3	EE 00	Colors ramp(01—99)
		Press UP/DOWN keys to modify the ramp speed
4	FF 00	colors pulse（01—99）
		Press UP/DOWN keys to modify the speed of the composite
5	BEBF	colors voice control change
6	R220	Red（000—255）
		Press UP/DOWN keys to modify color
7	G220	Green（000—255）
		Press UP/DOWN keys to modify color
8	B220	Blue（000—255）
		Press UP/DOWN keys to modify color
9	W220	White（000—255）
		Press UP/DOWN keys to modify color
10	Y220	Amber（000—255）
		Press UP/DOWN keys to modify color
11	P220	UV（000—255）
		Press UP/DOWN keys to modify color

Ⅶ. COMMON OPERATION

6 Channel Mode

CH	Function	Description
CH1	R dimmer	Linear dimmer (from dark to bright)
CH2	G dimmer	Linear dimmer (from dark to bright)
CH3	B dimmer	Linear dimmer (from dark to bright)
CH4	W dimmer	Linear dimmer (from dark to bright)
CH5	Y dimmer	Linear dimmer (from dark to bright)
CH6	P dimmer	Linear dimmer (from dark to bright)

10 Channel Mode

CH	Function	Description
CH1	dimmer	R,G,B,W,Y,P dimmer, linear dimmer, from dark to bright
CH2	R dimmer	Linear dimmer (from dark to bright)
CH3	G dimmer	Linear dimmer (from dark to bright)
CH4	B dimmer	Linear dimmer (from dark to bright)
CH5	W dimmer	Linear dimmer (from dark to bright)
CH6	Y dimmer	Linear dimmer (from dark to bright)

CH7	P dimmer	Linear dimmer (from dark to bright)
CH8	Strobe	R,G,B,W,Y,P strobe, from slow to fast
CH9	Function selection	0-50:DMX 9 Channels control; 51-100:Jump;101-150:Ramp;151-200:Pulse; 201-255:Voice control
CH10	speed	Purple Dimmer, Linear dimmer (from dark to bright)

Ⅷ. TECHNICAL SPECIFICATION

·Input voltage: AC90~240V, 50/60Hz

·Power consumption: 200W

·Light source: 18pcs 15W 6in1 RGBWAUV LEDs

·LED lifespan: 100,000hours

·Beam angle: 25degree(8degree/15degree/45degree are optional)

·Housing material: aluminum alloy

·IP rating: IP20

·Grey scale: 4096degree

·Working temperature: -25centigrade~+35centigrade

·Effect: 0~100% dimmer, strobe, color change, color fade

·Control mode: DMX mode, Auto mode, Master/slave mode

·DMX Channel: 6CH/10CH

·Carton box package size: 260*260*380mm(1pc/carton)

·N.W/G.W:4.2kg/5.2kg