

Zoom Led PAR Light



User Manual

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Technical Parameters

6. Technical Specifications:

Voltage: AC90~240V/50~60Hz

Power consumption: 240W

LED: 12W LED*18pcs (RGBWA-5 in 1)

Protection Rating: IP22

ZOOM-Operating range: 8°~60°

Size: L308* W308* H350 MM

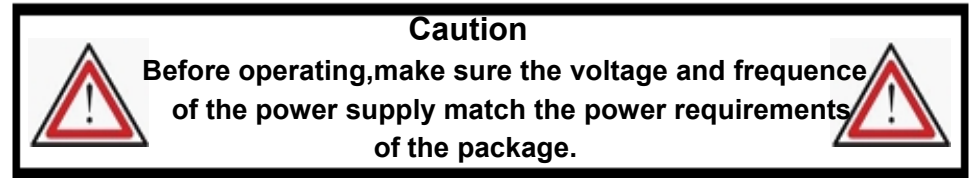
Weight: 5.3kg

8 COLOR MARCO	000-004	No function
	005-009	Static Color Red
	010-014	Static color Amber
	015-019	Static color color yellow
	020-024	Static Color Green
	025-029	Static Color Cyan
	030-034	Static Color Blue
	035-039	Static Color Magenta
	040-044	Static Color White
	045-049	No function
	050-094	Color Jumping, Adjust speed From slow to fast
	095-099	No function
	100-149	Color fade, Adjust speed From slow to fast
	150-154	No function
	155-166	Red+Green from dark to bright
	167-178	Green+Red from bright to dark
	179-190	Green+Blue from dark to bright
191-202	Blue+Green from bright to dark	
203-214	Blue+Red from dark to bright	
215-226	Red+Blue from bright to dark	
227-238	RGB from dark to bright	
239-250	Blue+Red from dark to bright at the same time green from bright to dark	
251-255	Output 100% at the same time	
9	0-255	Beam Zoomed: 0-100%; 0=Narrow beam, 255=Wide beam

1. Safety Instruction:

Warning

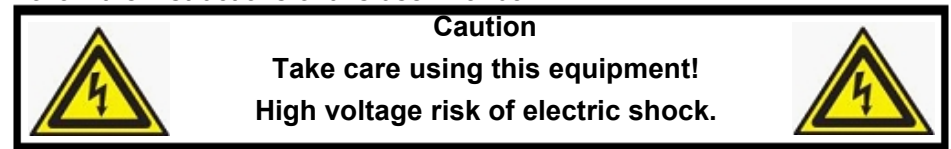
For your own safety, please read this user manual before operation.



Safety Instructions:

Please keep this User Manual for future consultation. If you sell the unit to another user, be sure that they also receive this instruction booklet. Every person involved with the installation, operation and maintenance should:

- Be competent
- Follow the instructions of this user manual



- Before your initial star-up, please make sure that there is no damage caused during transportation. Should there be any, consult with the dealer and do not use the unit.
- Make sure there are not flammable materials close to the unit while operating To maintain the equipment in good work condition and to ensure safe operation, it is necessary for the user to follow the safety instructions and warning notes written in the manual.
- Damages caused by user modifications to the unit are not subject to warranty.
- For power supply connecting in series, please connect reasonable pieces together based on safety.

2. VPAK Packing list

You should find the following items Inside the carton packing:

1pc LED-WP1218Z ,1pc User Manual.

3. Engineering installation and matters need attention

3.1 Installation

1. Installation side

Please ensure the stability of its installation point before positioning of the lamps in the installation, , and at least be able to withstand more than ten times with the weight of the product structure.

2. Installation method

Using 2 units professional lights' hook, M10 bolts,make a fixed installation through fixed nut of the light. using the insurance rope to through the handle and the other hanging objects. Ensure it is solid when installing the lighting and please make there is no body standing under lights or walking from it during the installation. And check lights periodically if there are any broken rope or hook rack is loose and so on . In addition, the power supply must be cut off before removing of lamps , also to ensure safety: first, to take safety rope, and then split link, while ensuring safety of all personnel below.

3.2 Safety Precautions

1. Be sure that the local power outlet match that of the required voltage for your unit.
2. Do not attempt to operate this unit if the power cord has been frayed or broken. Do not attempt to remove or break off the ground prong from the electrical cord. This prong is used to reduce the risk of electrical shock and fire in case of an internal short.
3. Disconnect from main power before making any type of connection.
·Do not remove the cover under any conditions. There are no user serviceable parts inside.
4. Never operate this unit when it's cover is removed.
5. Never plug this unit in to a dimmer pack.
6. Always be sure to mount this unit in an area that will allow proper ventilation. Allow about 6”(15cm) between this device and a wall.
7. Do not attempt to operate this unit, if it becomes damaged.
8. This unit is intended for indoor use only; use of this product outdoors voids all warranties.
9. During long periods of non-use, disconnect the unit's main power.

d-7: 7 Channel Mode

Channel	Value	Function
1	0-255	Dimmer: 0-100%
2	0-255	Red: 0-100%
3	0-255	Green: 0-100%
4	0-255	Blue: 0-100%
5	0-255	White: 0-100%
6	0-255	Amber: 0-100%
7	0-255	Beam Zoomed: 0-100%; 0=Narrow beam,

d-9: 9 Channel Mode

Channel	Value	Function
1	0-255	Master Dimmer
2	0-255	RED
3	0-255	GREEN
4	0-255	BLUE
5	0-255	WHITE
6	0-255	Amber
7	0-6	No function
	7-65	Slow to fast strobe
	66-69	No function
	70-128	Pulse strobe from slow to fast
	129-132	No function
	133-191	Strobe fading in from slow to fast
	192-195	No function
196-255	Strobe fading out from slow to fast	

5.3 Main Functions:

Addr: Address 001-512

SLMd: Master/Slave/Stand-alone Mode selection

ChAn: 2/ 4/ 5/ 6/ 7/ 9Ch Selection

ShMd:Play/ Stob/ rGb

Pub: White Balance (R,G,B,W,A: 0-255)

Focu: Manual set size of beam of light

Led: ON/OFF **dIS** :Display-direction

tCSv: Operating temperature

5.4 DMX512 control

d-2: 4Channel Mode

Channel	Value	Function
1	0-255	Red: 0-100%
4	0-255	Beam Zoomed: 0-100%; 0=Narrow beam, 255=Wide beam

d-4: 4Channel Mode

Channel	Value	Function
1	0-255	Red: 0-100%
2	0-255	Green: 0-100%
3	0-255	Blue: 0-100%
4	0-255	Beam Zoomed: 0-100%; 0=Narrow beam, 255=Wide beam

d-5: 5 Channel Mode

Channel	Value	Function
1	0-255	Dimmer: 0-100%
2	0-255	Red: 0-100%
3	0-255	Green: 0-100%
4	0-255	Blue: 0-100%
5	0-255	Beam Zoomed: 0-100%;

d-6: 6 Channel Mode

Channel	Value	Function
1	0-255	Dimmer: 0-100%
2	0-255	Red: 0-100%
3	0-255	Green: 0-100%
4	0-255	Blue: 0-100%
5	0-255	White: 0-100%
6	0-255	Beam Zoomed: 0-100%;

10. Always mount this unit in safe and stable matter.

11. Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to the point they exit from the unit.

12. Cleaning -The fixture should be cleaned only as recommended by the manufacturer.

13. Heat -The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.

14. The fixture should be serviced by qualified service personnel when:

15. Grounded using yellow/green line

16. The ambient temperature must always be under 35°C

4. Power supply and signal connection

4.1 Set Up

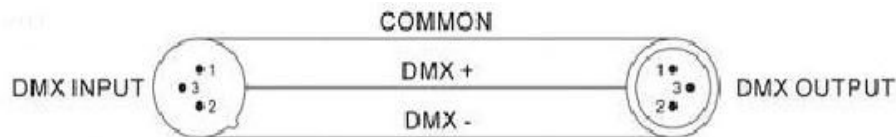
Power Supply: Before plugging your unit in, be sure the source voltage in your area matches the required voltage for your PAR Light. The PAR Light is workable in 100-240V/50~60Hz.

Because line voltage may vary from venue to venue, you should be sure your unit voltage matches the wall outlet voltage before attempting to operate you fixture.

4.2 DMX Linking: To ensure proper DMX data transmission, when using several DMX fixtures try to use the shortest cable path possible. The order in which fixtures are connected in a DMX line does not influence the DMX addressing. For example; a fixture assigned a DMX address of 1 may be placed anywhere in a DMX line, at the beginning, at the end, or anywhere in the middle. When a fixture is assigned a DMX address of 1, the DMX controller knows to send DATA assigned to address 1 to that unit, no matter where it is located in the DMX chain.

1. If you use a controller with 5 pins DMX output, you have to use a 5 to 3 pin adapter-cable.

2. At last unit, the DMX cable has to be terminated with a terminator. Solder a 120 ohm 1/4W resistor between pin 2(DMX-) and pin 3(DMX+) into a 3-pin XLR-plug and plug it in the DMX-output of the last unit.



Termination reduces signal errors and to avoid signal transmission problems and interference. It is always advisable to connect a DMX terminal. (Resistance 120 ohm 1/4W) between pin2(DMX-) and pin3(DMX+) of the last fixture.

5. Operating instructions

5.1 The following detailed function and characteristics:

1. Display screens: Menu display and function instructions
2. Key Function :

MODE	Select program function
UP	Forward selection function or minus data
DOWN	Back choose function or add data
ENTER	Determine the selected function

5.2 Operational approach

In DMX mode, at first, set the channel mode and the start address in the control panel, the method of it will be described later.

In slave mode, the lamp can receive DMX512 control console as the same with the master mode, and it can identify the master signal automatically without human intervention.

To set the lighting function, operation panel by pressing the mode button or through the UP and DOWN key to select menu. Then enter the next menu level or to determine the options by identifying key (ENTER). Press (MODE) key to return to the previous menu. To change function needs to go to the bottom of the menu, and press the OK button (ENTER) for storage.

Special attention: When the display flashes about the last of the decimal point means that with stored function, otherwise change the data only at this time of the boot process effective, and it will back to their original state at next time.

Display Operations:

MODE OR UP/DOWN	Addr	A00 1-A5 12	Address code		
	SLNd	MASt	Master mode		
		SLA _u	Slave mode		
		AL _{on}	Stand-alone mode		
	Chan	d-2/d-4/d-5/d-6/d-7/d-9	Channel selection		
	ShNd	PL0 1-PL 16	Sixteen fixed colors		
			PL 17-PL32	Sixteen fixed + Strobe	
		PLAY	ChCL	SP0 1-SP45	Jumping speed
				S. on/S.off	Strobe-switch
			FAde	SP0 1-SP 50	Fading speed
			MACr	SP0 1-SP100	Macro speed
		Stob	St0 1-St255	Strobe speed-setup	
			rGb	r000-r255	Manual-red
				G000-G255	Manual-green
				b000-b255	Manual-blue
w000-w255	Manual-white				
A000-A255	Manual-amber				
PUB	rGb	r000-r255	White balance-red		
		G000-G255	White balance-green		
		b000-b255	White balance-blue		
		w000-w255	White balance-white		
	A000-A255	White balance-amber			
FoCU		Manual set size of beam of light			
LEd	on/off	Display-switch			
d iS	d iSP/dS' P	Display-direction			
tCS _u -tENP		Operating temperature			