EVENT LIGHTING

PAR18X4QL-IP

18 x 4W RGBW IP65 Lite Series Par

USER MANUAL

For your safety, please read this user manual carefully before use.
Event Lighting reserves the right to revise the manual at any time. Information and specifications within this manual are subject to change without notice. Event Lighting assumes no liability or responsibility for any errors or omissions. Please consult Event Lighting for any clarification or information regarding this item.

WARNING
FOR YOUR OWN SAFETY, PLEASE READ THIS USER MANUAL
CAREFULLY BEFORE YOUR INITIAL START-UP!

CAUTION: Keep this equipment away from rain, moisture and liquids.
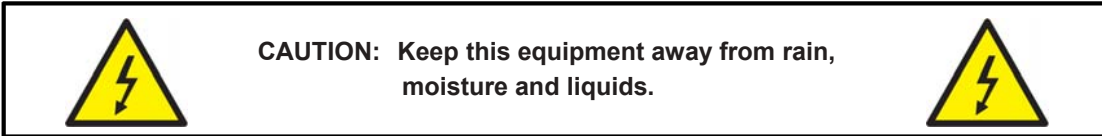
SAFETY INSTRUCTIONS

Every person involved with the installation,
operation & maintenance of this equipment should:

- Be competent
- **Follow** the instructions of this manual

CAUTION: Take care using this equipment! high voltage-risk of electric shock! !
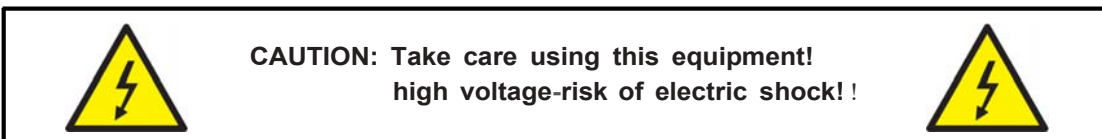
Before your initial start-up, please make sure that there is no damage caused during transportation. Should there be any, consult your dealer and do not use the equipment.

To maintain the equipment in good working condition and to ensure safe operation, it is necessary for the user to follow the safety instructions and warning notes written in this manual.

Please note that damages caused by user modifications to this equipment are not subject to warranty.

**ATTENTION:
DANGER OF LIFE! RISK OF BURNS!
RISK OF FIRE! RISK OF SHORT CIRCUIT!**

IMPORTANT:
The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorized modification to the equipment.

- **Never** let the power - cable come into contact with other cables. Handle the power-cable and all mains voltage connections with particular caution !
- Never remove warning or informative labels from the equipment.
- Do not open the equipment and do not modify the equipment.
- Do not connect this equipment to a dimmer-pack.
- Do not switch the equipment on and off in short intervals, as this will reduce the systems life.
- **Do** not expose to flammables sources, liquids or gases.
- **Always** disconnect the power from the mains when equipment is not in use or before cleaning! Only handle the power-cable by the plug. Never pull out the plug by pulling the power-cable.
- Make sure that the available voltage is 110-240V.
- **Make** sure that the power-cable is never crimped or damaged. Check the equipment and the power-cable periodically.
- If the equipment is dropped or damaged, disconnect the mains power supply immediately.
- **Have** a qualified engineer inspect the equipment before operating again.
- If the equipment has been exposed to drastic temperature fluctuation (e.g. after transportation) do not switch it on immediately. The arising condensation might damage the equipment. Leave the equipment switched off until it has reached room temperature.
- **Only** use fuses of same type and rating.
- Repairs & servicing must only be carried out by a qualified technician.

THIS UNIT CONTAINS NO USER SERVICEABLE PARTS.

OPERATING DETERMINATIONS

If this equipment is operated in any other way than those described in this manual the product may suffer damage and the warranty becomes void.

In Correct operation may lead to danger e.g. short-circuit, burns, electric shocks, lamp failure etc.

Do not endanger your own safety and the safety of others! Incorrect installation or use can cause serious damage to people and property.

Operating modes:
,1   Static Y color mode   2, Y Color changing mode 3, Y Color fade mode 4,Auto run mode
5, Sound active mode   6, Master slave mode   7, OMX mode

Digital display operate:

a). Illustration part:

A.MENU
B.UP
C.DOWN
D.ENTER

MENU UP DOWN ENTER
A   B   C   D
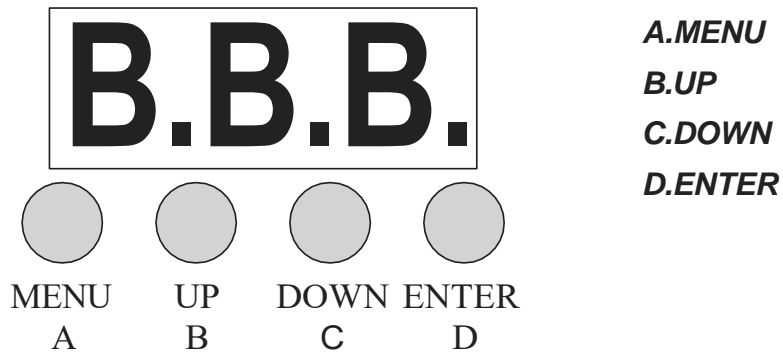
Operation Instructions:

After power on, press "MENU" key to appear the following function in turn, and then press confirm key to confirm. (This order is the new machine order, if the light has used other modes and saved the mode before shutdown, it will show the mode before shutdown again) other functions need to be saved by pressing "ENTER" key after setting up, otherwise the effect of setting before shutdown will not occur after the next boot

b).LCD display window function comparison table

(function selected and then press D key to confirm)

display mode	function declaration
A001 CA001-A512)	address code
CHND (5CH/9CH)	5/9 channel mode
CL01 CCL01-CL27)	Static color mixing mode (27 kinds)
CC99 CCC01-CC99)	Jump mode
EE99 CEE01-EE99)	Mutation pattern
FF99 CFF01-FF99)	Gradient mode
ST99 CST01-ST99)	Confirm FM flash color (27 kinds)
SOU1 (SOU1/2/3/4)	Voice control mode SOU1 voice control jump SOU2 voice control mutation SOU3 voice-controlled color-changing stroboscopic SOU4 voice control jump+mutation+color change strobe
R255 (R000-R255)	R manual dimming
G255 (G000-G255)	G manual dimming
B255 (B000-B255)	B manual dimming
W255 (W000-W255)	W manual dimming
T000 COFF/60-100)	Panel temperature display, preset power reduction setting (factory default 60 degrees)

Remarks: 1. In A001 mode, press the confirmation key to automatically enter the current adjustment mode, the up and down keys to adjust the value, and the confirmation key to adjust the color. After the parameters are adjusted, press the menu key to return, and press the confirmation key to adjust the machine.

2. This version supports ROM function.

DMX CHART

4 CH	Value	Description
	0-255	Red dimming
2	0-255	Green dimming
3	0-255	Blue dimming
4	0-255	White dimming

8 CH	Value	Description
	0-255	Total dimming
2	0-255	Red dimming
3	0-255	Green dimming
4	0-255	Blue dimming
5	0-255	White dimming
6	0-10	Lights off
	11-255	Strobe speed(slow to fast)
7	0-9	Lights off
	10-50	color mixing mode
	51-100	hopping mode
	101-150	gradient mode
	51-200	mutation pattern
	21-220	console jump voice control
	21-240	console color-changing stroboscopic sound control
	21-255	console mutation voice control
8	0	Lights off
	1-255	Speed (slow to fast)

Notice:

- Be sure to follow figures 2 & 3 when making your own cables.
- Do not connect the cables shield conductor to the ground lug or allow the shield conductor to come in contact with the XLR's outer casing.
- **Grounding** the shield could cause a short circuit and erratic behavior.

DMX Signal Connection

3-Pin XLR to 5-Pin XLR Conversion		
Conductor	3-Pin XLR Female (OUT)	5-Pin XLR Male **(IN)**
Ground/Shield	Pin 1	Pin 1
Data Compliment (-signal)	Pin 2	Pin 2
Data True (+signal)	Pin 3	Pin 3
Not Used		Pin 4-Do Not Used
Not Used		Pin 5-Do Not Used

DMX-512 out
3-pin XLR

10
30
20

OMX+
OMX-

01
03
02

DMX-512 in
3-pin XLR

IN

@ @
@

1=MASSA

2=DMX(-)

3=DMX(+)

OUT
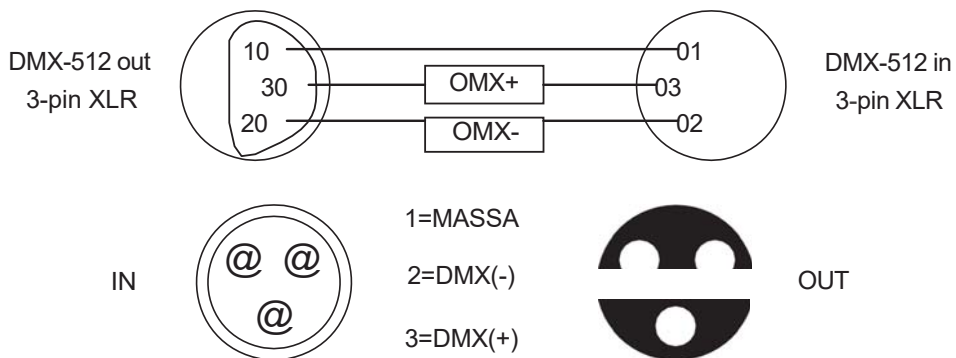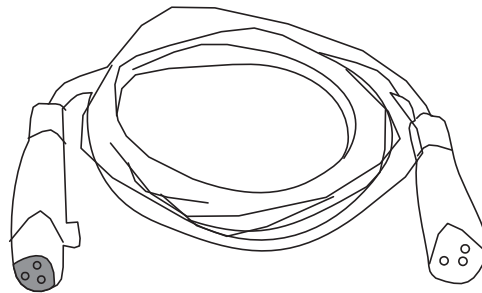
MAINTENANCE

Attention:

Regular Maintenance for Optimal Lighting:

Periodically check the screws of the spare parts to ensure proper functionality.

Clear away dust and debris from the interior of the light to maintain its clarity.

Clean the lens to prevent the accumulation of dust, smoke, and particles that could lead to the corrosion of the light and potential equipment damage.

Important: Before disassembling the light, make sure to disconnect the power source.

> CAUTION: Take care using this equipment!
> high voltage-risk of electric shock! !

Clearing

Ensure the light is cool, then disconnect the power source before removing the cover.

Use a vacuum cleaner or compressed air to remove dust from the light's exterior.

Clean the lens once a week to maintain brightness. Be cautious when cleaning the lens, as its surface is prone to damage and scratching. Avoid using liquid for cleaning.

Clean the fans monthly to ensure effective cooling.

Do not use liquids to clean the PCB (Printed Circuit Board); keep it dry to prevent any risk of short circuit.

Technical Specifications:

Voltage: AC110-240V, 50/60Hz

Channel: 4/8CH

IP rate: IP65

LED: 18PCS RGBW 4 IN1

Color: RGB color can be mixed to more than 16.7 million kinds of color. Beam Angle: 45°

Dimmer: 0-100% linear dimming

Operation: Auto, DMX512,Sound, Master/Slave

Warranty
Please refer to your local dealer or contact Event Lighting.
www.event-lighting.com.au