

## MAINTENANCE

### Attention:

- ※ Periodical to maintain the light
- ※ Check the screw of the spare parts in order to use well
- ※ Clearing the dust and fragments of the inner light, to keep the inner light clearly
- ※ Clearing the lens
- ※ More dust, smoke and granular can cause appearance of the light corrosively, even cause overheated to damage equipment
- ※ Attention: Before take the light apart, please cut the power source.



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



### Clearing

- ※ Cutting the power source when the light is cool, to move the cover of the light
- ※ Using the vacuum cleaner or the gas from air compressor to remove the dust of the appearance of the light
- ※ The lens need clearly once every week, otherwise to reduce the bright.
- ※ The fans need clear once every month, to promise the cool effect.
- ※ Clearing the lens must be take care, because the surface of the lens is easy to damage and cutting, and do not use the liquid to clean
- ※ The PCB do not use the liquid to clean, must be keep it dry, to avoid short circuit

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# KAM MINI 7PC MOVING HEAD LIGHT

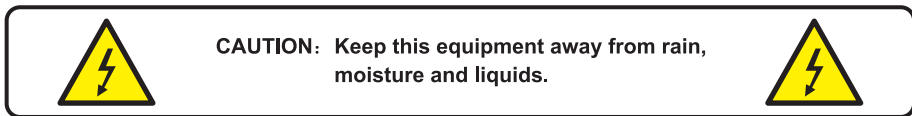
KML414

## Instruction Manual



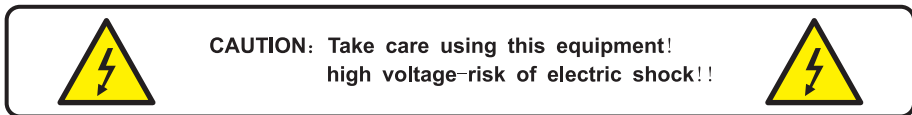
At first, thank you for purchasing the device. For the sake of safety and regular operation of this projector, please read this manual carefully before using and operating it in order to avoid any personal injury or damage to the device.

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



**SAFETY INSTRUCTIONS**

- Every person involved with the installation, operation & maintenance of this equipment should:
- Be competent
  - Follow the instructions of this manual



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.



**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.

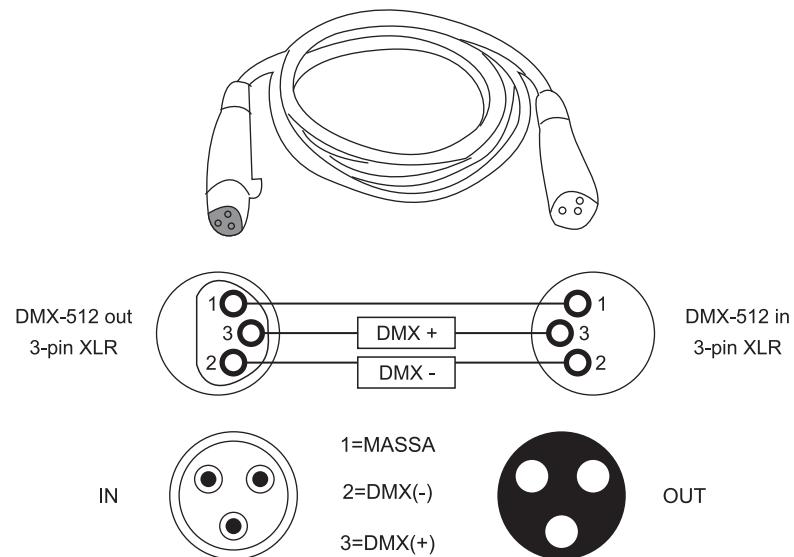


**Notice:**

- Be sure to follow figures 2 & 3 when making your own cables.
- Do not connect the cable's 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 behaviour.

**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



#### DMX512 14-channel description

19CH	Value	Description	
1	0-255	X-axis position	
2	0-255	X-axis position fine-tuning	
3	0-255	Y-axis position	
4	0-255	Y-axis position fine-tuning	
5	0-255	Motor speed	
6	0-255	Manual total dimming	
7	0-255	Light panel 1 manual dimming R brightness	
8	0-255	Light panel 1 manual dimming G brightness	
9	0-255	Light panel 1 manual dimming B brightness	
10	0-255	Light panel 1 manual dimming W brightness	
11	0-35	Manual dimming	Color temperature selection/ manual dimming(CH12 0-14 valid)
	36-255	10 color temperature adjustment	
12	0-14	Manual dimming or color temperature selection	
	15-255	Color selection	
13	0-9	No strobe	
	10-140	Strobe 0-100%	
	141-255	Random strobe speed	
14	0-99	Manual dimming /color selection/color temperature selection	
	100-199	Auto	
	200-255	Waiting for 2S reset	



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



#### Attention

- ◆ Keep the voltage of the power supply with the master light
- ◆ Do not connect with other electric cable and the DMX512 signal cable
- ◆ To ensure the earthing conductor of the switch well before connecting with AC110v~240v
- ◆ The earthing conductor is the yellow and green.
- ◆ When you move or install, to avoid the metal to knock the light

- 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.
- Only use the equipment indoors.
- 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 and power connection 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.

**You should find inside the LEDJ carton the following items:**

- 1、Stage light 1 Unit    2、Power cable    3、Instruction manual

#### Technical Specifications:

Voltage: AC110-240V, 50/60Hz

Power: 40W

DMX Channels: 9/14

LED WASH: 7pcs\*6W 4in1 RGBW leds

Pan/Tilt movement: X-axis: 540°, Y-axis: 270°

Dimmer: 0-100% linear dimming

Strobe: Electric strobe, 0.3-25 times second

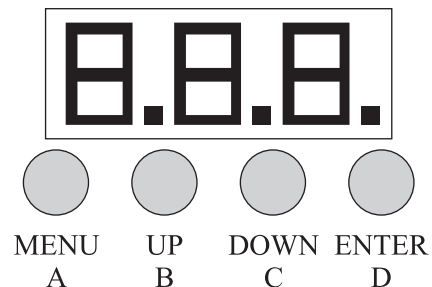
Operation: Auto, DMX512, Sound, Master/Slave

#### 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、DMX mode

## Digital display operate:

a). Illustration part:



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

### 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)**

No.	Display	Function Description
1	A001-A512	Channel DMX mode flash
2	AU01-AU02	Self-propelled mode
3	Sound	Voice control mode
4	R00-R255	Fixed angle dimming
5	G00-G255	Fixed angle dimming
6	B00-B255	Fixed angle dimming
7	W00-W255	Fixed angle dimming
8	CHXX-CHXX	First choice of DMX channel mode
9	rPON/rPoF	X-axis positive phase/x-axis reverse phase
10	rton/rtoF	Y-axis positive phase/Y-axis reverse phase
11	Rest	Manually reset
12	Ver	Edition

## DMX512 9-channel description

9CH	Value	Description
1	0-255	X-axis position
2	0-255	Y-axis position
3	0-255	Motor speed
4	0-255	Total dimming
5	0-255	Light panel 1 R brightness
6	0-255	Light panel 1 G brightness
7	0-255	Light panel 1 B brightness
8	0-255	Light panel 1 W brightness
9	0-9	No strobe
	10-140	Strobe 0-100%
	141-255	Random strobe speed