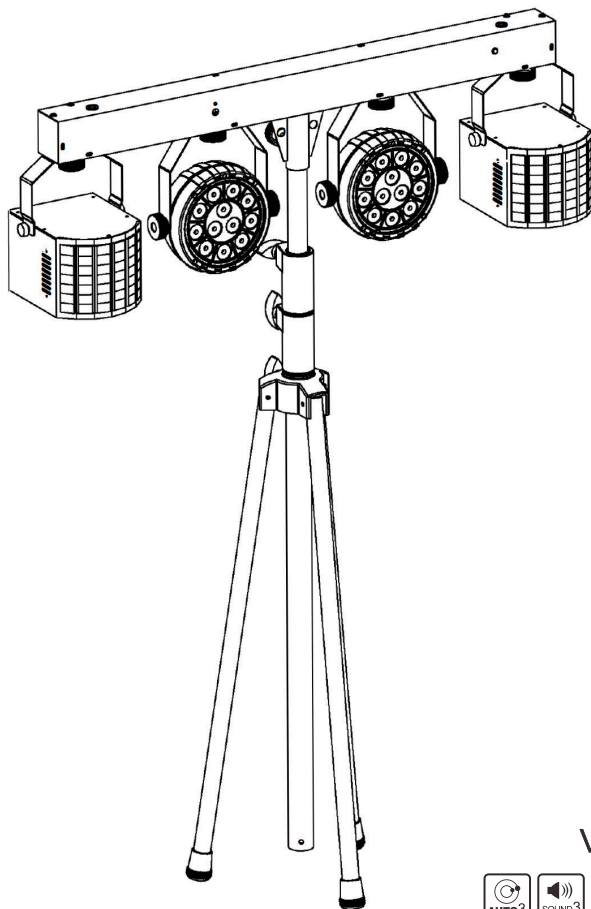


KAM

INSTRUCTION MANUAL

Party Set

KML407



Version 1.0



Unpacking Instructions

Read Manual before Operation

Before operating this device, please read this manual thoroughly, and retain it for future reference.

Warning Data

Please note the warnings in bold which will ensure the safe and smooth operation. These warnings are important to a certain extent.



Attention! Indicates a skill or other useful information for special situations.



Important! Indicates important information to protect personnel from laser incident or injury.



Caution! Prevent damage or injury from incorrect operation.

Warning!

Shields, lenses or ultraviolet screens should be changed if they have become visibly damaged to such an extent that their effectiveness is impaired, for example by cracks or deep scratches. The lamps should be changed if it has become damaged or thermally deformed.

Unpacking Instructions

Carefully unpacking the carton, checking contents to ensure that all parts are in good condition. Inform the shipper immediately and retaining packing material for inspection if any parts are damaged from shipping or device damaged. Keeping packing materials as evidence for shippers confirmation.



Attention!

This unit is in perfect condition before delivery, please check all accessories when unpacking the unit. User should follow this user manual to operate this unit, and make sure that you are clear on all laser safety information and unit operation before power it on. Any wrong operation will make this unit out of warranty.

Carefully moving after receiving it, checking whether there is any damage from shipping, and all the accessories in it.

NAME	QTY
LED system	1set
Power Cord	1pcs
User manual	1 pcs
Stand	1 pcs
Packaging bag	1pcs

Safety Instructions

Safety Instructions



To protect the environment, please try to recycle the packing material as much as possible.



The KML407 is for indoor use only, IP20. Use only in dry locations. Keep this device away from rain and moisture, excessive heat, humidity and dust. Do not allow contact with water or any other fluids, or metallic objects.



Don't throw this product away just as general trash, please deal with the product following the abandon electronic product regulation in your country.

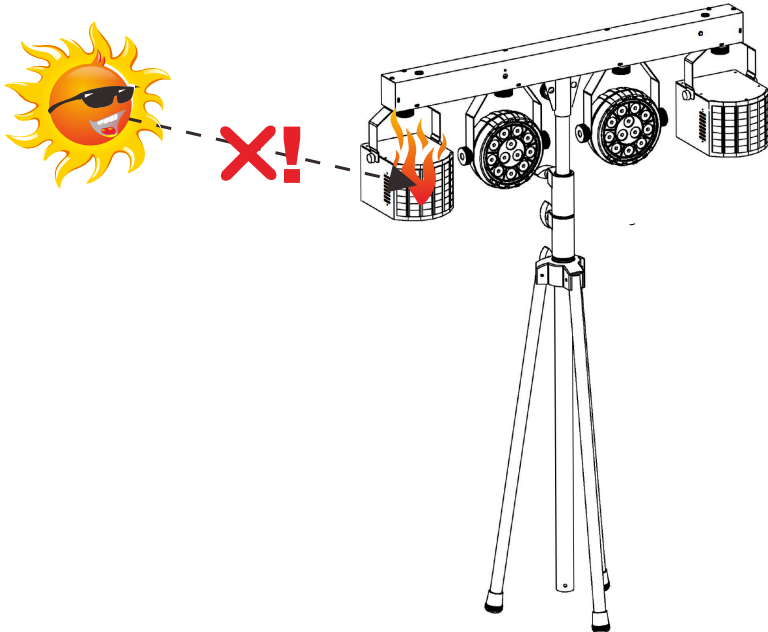


Locate the fixture in a well ventilated spot, away from any flammable materials and/or liquids. The fixture must be fixed at least 50cm from surrounding walls.

- ◆ To avoid condensation to be formed inside, allow this unit to adapt to the surrounding temperatures when bringing it into a warm room after transport. Condensation sometimes prevents the unit from working at full performance or may even cause damages.
- ◆ Don't cover any ventilation openings as this may result in overheating.
- ◆ Don't install it on flammable object.
- ◆ Do not use it when maximum ambient temperature is higher than 40 degree.
- ◆ Unplug the unit when it is not used for a longer time or before replacing the bulb.
- ◆ Dont open the top cover to avoid unit damage.
- ◆ Please use the original packing when the device is to be transported.



Never expose the lens to direct sunlight, even for a short period, this may damage the light effect or even cause fire!

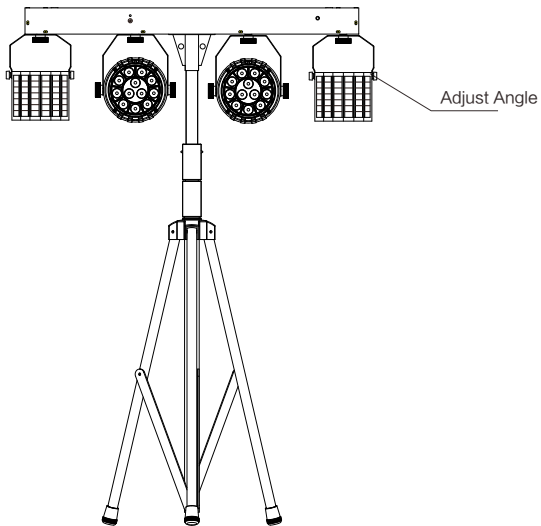


Overhead Rigging & Product Installation

Attention! The installation must be carried out by qualified service personal only. Improper installation can result in serious injuries and /or damage to property. Overhead rigging required extensive experience! Working load limits should be respected, Certified installation materials should be used, the installed device should be inspected regularly for safety.

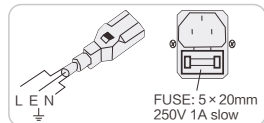
- ◆ Make sure the area below the installation place is free from unwanted persons during rigging, de-rigging and servicing.
- ◆ Locate the fixture in a well ventilated spot, far away from any flammable materials and/or liquids. The fixture must be fixed at least 50cm from surrounding walls
- ◆ The device should be installed out of reach of people and outside areas where persons may walk by or be seated.
- ◆ The device should be well fixed; a free swinging mounting is dangerous and may not be considered!
- ◆ Do not cover any ventilation opening as this may result in overheating
- ◆ Before the first time use, it must be inspected by professional staff to make sure safety, inspection regularly every year.

! Before rigging make sure that installation area can hold the 10 times weight of device. Using the steel rope which can hold 12 times weight of device, through the eye-bolt for assisting hang installment.



AC Power

Please use the included power cable, note that power voltage and frequency are the same as the marked voltage and frequency of device when connecting power. Every devices power should be connected separately, so that device can be controlled individually.



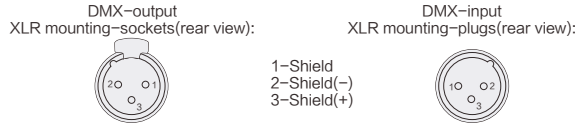
Cable spec.

Cable(EU)	Cable(US)	Pin	International
Brown	Black	Live	L
Light blue	White	Neutral	N
Yellow/Green	Yellow/Green	Earth	⊕

Product Installation

DMX-512 connection

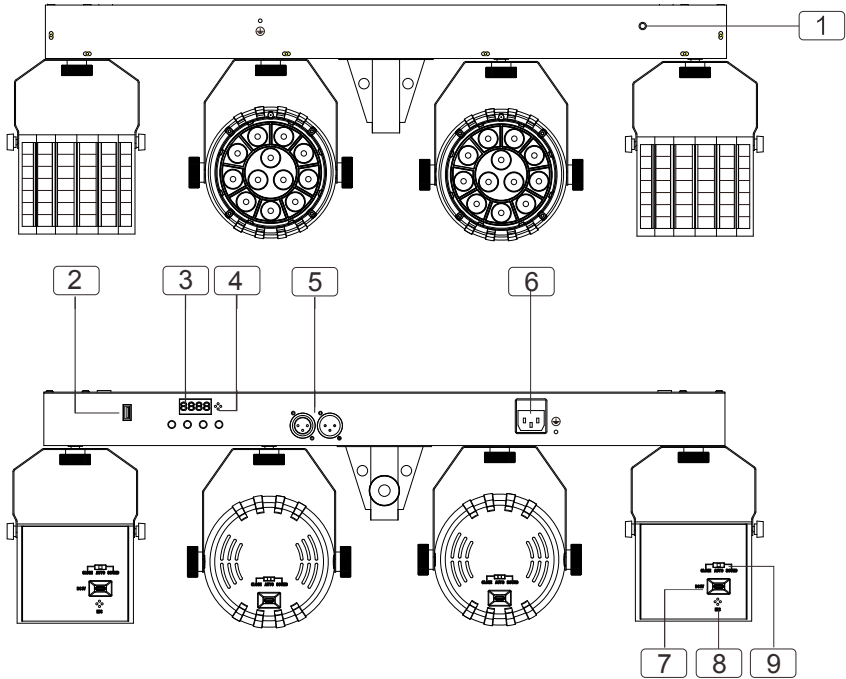
- ◆ Connection between lights and DMX must use the shielded cable of diameter more than 0.5mm. Please use the attached 3 pin XLR plug/socket to connect the DMX output/input interface. The connection between socket and cable as below (note the plug/socket's 3 pin number and position).



- ◆ Note, XLR plug/socket's 3pin can not be touched by inner hull, connection between pins is not allowed. Except above connection, XLR plug/socket can not be connected with XLR control line. Device receives international standard DMX512(1990) control signal.
- ◆ When using standard DMX512 control signal, the last device's output interface must be connected to a DMX plug. This plug is putting a 120 ohm resistance between "canon" plug's 2 pin and 3 pin. Showing as below pic. Sticking this plug into the last device's signal output interface, it will avoid the interference during the process of signal transmission.



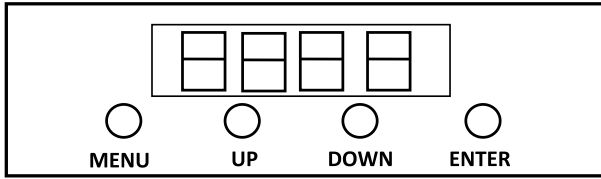
Operation instructions



NO	FUNCTION	DESCRIPTION
1	IR receiver	Infra-remote control receiver
2	USA	Output data to external lamp socket
3	LCD control interface	Various mode setting operations of the machine
4	MIC	Receive music signal to activate shows for the T-Bar
5	DMX input/output	3PIN male/female XLR interface ,for DMX communication
6	Power input	AC Power input socket ,built-in fuse
7	USB Type-C interface	Power input socket, built-in protective tube and spare tube
8	Built-in Mic	Par lamp power-on data input
9	Close/Auto/Sound	Change the working modes of light unit between Auto,Sound and off.

Menu operating instruction

1、The keys description:



Button	Function
MENU	Mode / Upper menu
ENTER	Confirm / Sub menu
UP	Move up / +
DOWN	Move down / -

2.Menu description

AUT	AUTM	AM01 ... AM02 Two Auto mixed shows	Press "ENTER" to continue
		S.01 ... S.99 Show speed from slow to fast	Press "ENTER" to save and display AM**
	AUTP	AP01 ... AP18 18 Auto Par shows	Press "ENTER" to continue
		S.01 ... S.99 Show speed from slow to fast	Press "ENTER" to continue
		M.00 ... M.99 Show speed from slow to fast	Press "ENTER" to save and display AP**
SOU	SOUM	SM01 ... SM02 Two Sound mixed shows	Press "ENTER" to continue
		U.00 ... U.99 Sound sensitivity	Press "ENTER" to save and display SM**
	SOUP	SP01 ... SP18 18 Auto Par shows	Press "ENTER" to continue
		U.00 ... U.99 Sound sensitivity	Press "ENTER" to save and display SP**
COL	COLO		Press "ENTER" to continue
	R.000-R.255	Red brightness0%-100%	Press "ENTER" to continue
	G.000-G.255	Green brightness0%-100%	Press "ENTER" to continue
	B.000-B.255	Blue brightness0%-100%	Press "ENTER" to continue
	W.000-W.255	White brightness0%-100%	Press "ENTER" to continue
	A.000-A.255	Amber brightness0%-100%	Press "ENTER" to continue

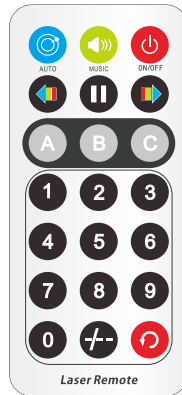
Menu operating instruction








COL	U.000–U.255 UV Brightness		Press “ENTER” to continue
	S.000–S.100 Strobe speed from slow to fast		Press “ENTER” to continue and display COLO
DMX	dXXX		Press “ENTER” to continue
	04CH(d001-d509) 07CH(d001-d506) 34CH(d001-d479)	Press “UP/DOWN” to select the DMX channels and then press ENTER” to continue	
	001–xxx	Press “UP/DOWN” to set the DMX start address and then press ENTER” to save, then display dXXX when finish	
SLA	SLAV	Slave mode	Press “ENTER” to save
SYS	LEDS	Power saving setting ON: enabled (default),the LED display will show a red dot and turn off others after 30s from last operation OFF: disabled	Press “ENTER” to save
	IR	IR remote control setting ON: Enabled (default) OFF: Disabled	Press “ENTER” to save
	FAIL	Setting for DMX signal lost HOLD: keep the last status (default) BLAC: blackout	Press “ENTER” to save
	Soun	Setting for no sound detected Last: keep the last status OFF: blackout(default)	Press “ENTER” to save
	REST	Reset factory settings YES: reset all settings and reboot NO: return the upper menu	Press “ENTER” to save

Notes:

1. The LED screen will flash once no signal detected when operating at SLAVE and DMX mode.
2. The fixture will automatically save after one second while press the button.
3. When switch on the power with "ENTER" button pressed and held, the unit will go in the programing mode for the firmware updating over DMX interface. Now the LED screen shows "DL0D" and waiting 30s for the updating, then it will run the on board program if nothing occurs. Please follow strictly the update procedure.

IR remote control



Key	Funntion	Description
 ON/OFF	ON/OFF	Turn ON/OFF lights outputs
 AUTO	Auto Mixed shows	Auto mixed shows for AM01,AM02;
 MUSIC	Sound Mixed shows	Sound mixed shows for SM01,SM02
 A	Auto PAR shows	Auto PAR shows for AP02,AP18
 B	Sound PAR shows	Sound PAR shows for SP02,SP18
	Pause	To pause the color change effect
	Speed	Auto show speed from 0–9(Slow to fast)

DMX Assignment

DMX-04CH mode

CHANNEL	VALUE	FUNCTION
1CH	000-009	Blackout
	010-029	Mix auto show 1 AN01
	030-059	Mix auto show 2 AN02
	060-089	Mix auto show 3 AN03
	090-129	Auto show 01-18 AP01-AP18
	130-159	Mix sound show 1 SN01
	160-189	Mix sound show 2 SN02
	190-209	Mix sound show 3 SN03
	210-255	Sound show 01-18 SP01-SP18
	000-013	Auto/sound program 1 AP1/SP1
2CH	014-027	Auto/sound program 2 AP2/SP2
	028-041	Auto/sound program 3 AP3/SP3
	042-055	Auto/sound program 4 AP4/SP4
	056-069	Auto/sound program 5 AP5/SP5
	070-083	Auto/sound program 6 AP6/SP6
	084-097	Auto/sound program 7 AP7/SP7
	098-111	Auto/sound program 8 AP8/SP8
	112-125	Auto/sound program 9 AP9/SP9
	126-139	Auto/sound program 10 AP10/SP10
	140-153	Auto/sound program 11 AP11/SP11
	154-167	Auto/sound program 12 AP12/SP12
	168-181	Auto/sound program 13 AP13/SP13
	182-195	Auto/sound program 14 AP14/SP14
	196-209	Auto/sound program 15 AP15/SP15
	210-223	Auto/sound program 16 AP16/SP16
	224-237	Auto/sound program 17 AP17/SP17
	238-255	Auto/sound program 18 AP18/SP18
	3CH	000-255
4CH	000-255	All Dimmer

DMX Assignment

DMX-07CH

CHANNEL	VALUE	FUNCTION
1CH	000-255	Red Dimmer 0-100%
2CH	000-255	Green Dimmer 0-100%
3CH	000-255	Blue Dimmer 0-100%
4CH	000-255	White Dimmer 0-100%
5CH	000-255	All Dimmer 0-100%
6CH	000-015	No strobe speed
	016-255	Strobe speed slow to fast
7CH	000-255	0-127 Clockwise rotation, 0 is stop 1-127 from slow to fast 127 is the fastest speed 128-255 Anticlockwise rotation 128 is stop 129-255 from slow to fast 255 is the fastest speed.

DMX-34CH

CHANNEL	VALUE	FUNCTION
1CH	000-009	Blackout
	010-029	Mix auto show 1 AN01
	030-059	Mix auto show 2 AN02
	060-089	Mix auto show 3 AN03
	090-129	Auto show 01-18 AP01-AP18
	130-159	Mix sound show 1 SN01
	160-189	Mix sound show 2 SN02
	190-209	Mix sound show 3 SN03
	210-249	Sound show 01-18 SP01-SP18
	250-255	CH5-CH35 is available
2CH	000-013	Auto/sound program 1 AP1/SP1
	014-027	Auto/sound program 2 AP2/SP2
	028-041	Auto/sound program 3 AP3/SP3
	042-055	Auto/sound program 4 AP4/SP4
	056-069	Auto/sound program 5 AP5/SP5
	070-083	Auto/sound program 6 AP6/SP6
	084-097	Auto/sound program 7 AP7/SP7

DMX Assignment

DMX-34CH

CHANNEL	VALUE	FUNCTION	
2CH	098-111	Auto/sound program 8 AP8/SP8	
	112-125	Auto/sound program 9 AP9/SP9	
	126-139	Auto/sound program 10 AP10/SP10	
	140-153	Auto/sound program 11 AP11/SP11	
	154-167	Auto/sound program 12 AP12/SP12	
	168-181	Auto/sound program 13 AP13/SP13	
	182-195	Auto/sound program 14 AP14/SP14	
	196-209	Auto/sound program 15 AP15/SP15	
	210-223	Auto/sound program 16 AP16/SP16	
	224-237	Auto/sound program 17 AP17/SP17	
238-255	Auto/sound program 18 AP18/SP18		
3CH	000-255	Speed of auto program from slow to fast)	
4CH	000-255	All Dimmer	
No.1	5CH	000-255	Red Dimmer 0-100%
	6CH	000-255	Green Dimmer 0-100%
	7CH	000-255	Blue Dimmer 0-100%
	8CH	000-255	White Dimmer 0-100%
	9CH	000-015	No strobe speed
		016-255	Strobe speed slow to fast
10CH	000-255	0-127 Clockwise rotation, 0 is stop, 1-127 from slow to fast, 127 is the fastest speed; 128-255 Anticlockwise rotation, 128 is stop, 129-255 from slow to fast, 255 is the fastest speed.	
No.2	11 CH	000-255	Red Dimmer 0-100%
	12CH	000-255	Green Dimmer 0-100%
	13CH	000-255	Blue Dimmer 0-100%
	14CH	000-255	White Dimmer 0-100%
	15CH	000-015	No strobe speed
		016-255	Strobe speed slow to fast
16CH	000-255	0-127 Clockwise rotation, 0 is stop, 1-127 from slow to fast, 127 is the fastest speed; 128-255 Anticlockwise rotation, 128 is stop, 129-255 from slow to fast, 255 is the fastest speed.	
No.3	17CH	000-255	Red Dimmer 0-100%
	18CH	000-255	Green Dimmer 0-100%
	19CH	000-255	Blue Dimmer 0-100%

DMX Assignment

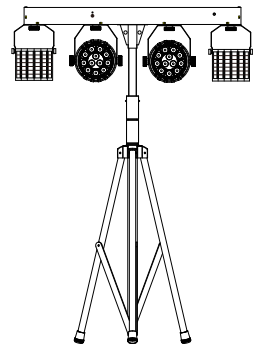
DMX-34CH

CHANNEL	VALUE	FUNCTION	
No.3	CH 20	000-255	White Dimmer 0-100%
	CH 21	000-015	No strobe speed
		016-255	Strobe speed slow to fast
CH 22	000-255	0-127 Clockwise rotation, 0 is stop 1-127 from slow to fast 127 is the fastest speed 128-255 Anticlockwise rotation 128 is stop 129-255 from slow to fast 255 is the fastest speed.	
No.4	CH 23	000-255	Red Dimmer 0-100%
	CH 24	000-255	Green Dimmer 0-100%
	CH 25	000-255	Blue Dimmer 0-100%
	CH 26	000-255	White Dimmer 0-100%
	CH 27	000-015	No strobe speed
		016-255	Strobe speed slow to fast
CH 28	000-255	0-127 Clockwise rotation, 0 is stop 1-127 from slow to fast 127 is the fastest speed 128-255 Anticlockwise rotation 128 is stop 129-255 from slow to fast 255 is the fastest speed.	
No.5	CH 29	000-255	Red Dimmer 0-100%
	CH 30	000-255	Green Dimmer 0-100%
	CH 31	000-255	Blue Dimmer 0-100%
	CH 32	000-255	White Dimmer 0-100%
	CH 33	000-015	No strobe speed
		016-255	Strobe speed slow to fast
	CH 34	000-255	0-127 Clockwise rotation, 0 is stop 1-127 from slow to fast 127 is the fastest speed 128-255 Anticlockwise rotation 128 is stop 129-255 from slow to fast 255 is the fastest speed.

Note: When connected to BlackLight: the blue channel corresponds to the UV color, and the white channel corresponds to the white color.

Specification

- Party Set USB supports any combination of 10 different effect lights. Plug and play, intelligent control.
- The T-Bar includes 14 AUTO shows and 6 Sound shows with various speed settings to get the best effect.
- The party set provides you 4 DMX channel modes (4/7/34CH) to make you easier for the show programming and more control possibilities.
- All supported effect light units are powered by Micro-USB interface and can be operated the unit in standalone mode . Auto show and Sound activated shows are available.
- The height of the stand is adjustable, up to 2 meters



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