

KAM

USER MANUAL

KML305

Power Party Bar WFS



Worldwide Trade Distributors

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Version 1.0

Unpacking Instructions

Read Manual before Operation

Dear user,
Thanks for choosing our LED device. 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!

If the external flexible cable or cord of this luminaire is damaged, it shall be replaced by a special cord or cord exclusively available from the manufacturer or his service agent.
Shields, lenses or ultraviolet screens shall 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 shall be changed if it has become damaged or thermally deformed.

Unpacking Instructions

Carefully unpack the carton, checking contents to ensure that all parts are in good condition. Informing the shipper immediately and retaining packing material for inspection if any parts damaged from shipping or device damaged. Keep packing materials as evidence for shipper's 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 safety information and unit operation before power it on. Any wrong operation will make this unit out of warranty.

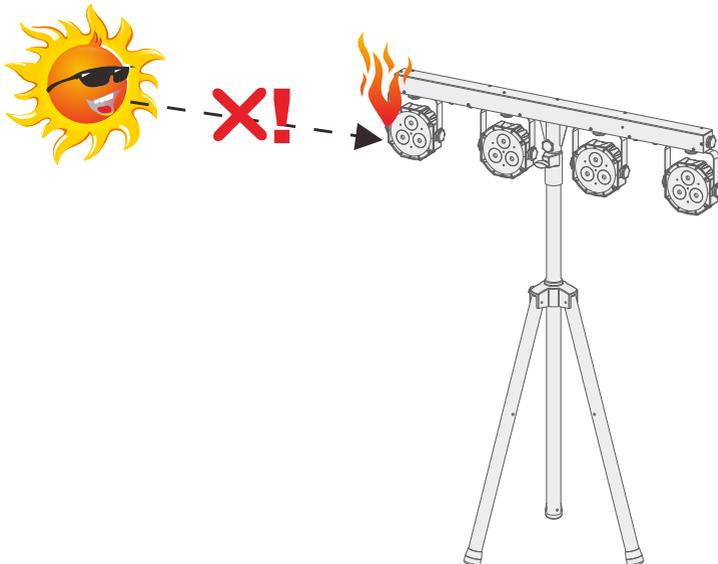
Carefully moving after receiving it, checking whether there is any damage from shipping, and all the accessories in it.

NAME	QTY
LED system	1set
Power Cord	1pcs
User manual	1pcs
Stand	1pcs
Wireless Footswitch	1pcs
Packing Case	1set

Safety Instructions

Safety Instructions

-  To protect the environment, please try to recycle the packing material as much as possible.
-  The projector 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 follow 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. Condense 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 objects.
 - ◆ 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.
 - ◆ Don't 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

Overhead Rigging



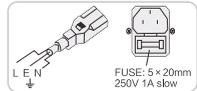
Attention!

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.

AC Power

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

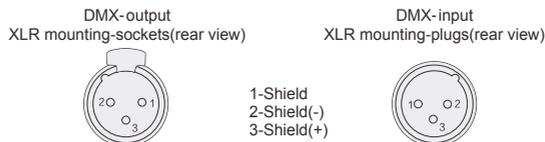


Cable spec.

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

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).



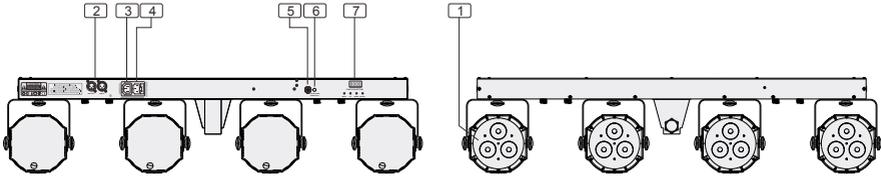
Note, XLR plug/socket's 3pin can not be touched by inner hull, connection between pins is not allowed. Except above connection, XLR plug/socket can not be connected with XLR control line. Device receives international standard DMX512(1990) control signal.

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

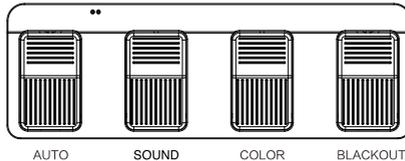
Product operation diagram



NO	FUNCTION	DESCRIPTION
1	LED PAR lights	12*Tri-9W
2	DMX input/output	3PIN male/female XLR interface , for DMX communication
3	Power connection	Power output connect with next light
4	Power input	Power input socket, built-in protective tube and spare tube
5	Microphones	Receiving the audio signal through a microphone, and positive response to the intensity by the potentiometer
6	Potentiometer	To adjust the sound activated sensitivity
7	LCD control interface	Various mode setting operations of the machine!

Footswitch Operation Instruction

 NOTE: All the operations from the footswitch is invalid to the DMX mode and the SLAVE mode.



NAME	FUNCTION
AUTO	Press AUTO to activate the auto program controls. When working, all the lights will begin in auto mode.
SOUND	Press SOUND to activate the sound program controls. When working, all the lights will begin in sound mode.
COLOUR	Color setting: R-G-RG-B-RB-GB-RGB
BLACKOUT	Light off.

Menu operating instruction

☒ After every power on the VERSION and MANUFACTURE INFORMATION will be shown in LED monitor of rear panel. When the machine is powered on, LED monitor on rear panel shows the current operating standalone mode or DMX address of DMX mode. With help of LED control panel, it is very easy to set and change the operating mode. After every resetting and saved, the new mode information will be shown on LED monitor at next power .

MENU Model choice, return to the previous menu.

ENTER Go into the deeper menu.

UP For higher numeric value operation.

DOWN For lower numeric value operation.

LED Display		Functional Description
Aut	AutP → RP01-RP17	PAR light auto mode
	S.01- S.99	Effect speed adjustment. 01 is the slowest, 99 is the fastest
Sou	SouP → SP01-SP12	PAR light sound mode
Col	Colo	Color manual adjustment
	r/G/b***	LED color setting
	S.00- S.99	Flash light speed adjustment. S.00: all on; S.99 is the fastest
SYN	SY-A	Synchronous auto mode
	SY-N	Synchronous sound mode
dNH	03/04/12/20 Ch	DMX channel selecting
	d***	Channel address setting
SLA	S001	Slave mode
	001-255	Address setting
SYS	n-En	Be the master for synchronous mode. (under AUTO/SOUND/COLOR Mode)
	W-En	Wireless pedal working mode
	tEst	Aging testing and main board testing program.
	rEst	Restore the factory initial setup

Menu operating instruction

Initial Setting

MENU	UP	DOWN	ENTER	UP	DOWN	ENTER
Built-in auto programs Rut	AP01-AP17 PAR light auto show		ENTER into the next step. To choose the effect speed through the UP/DOWN button.	S.01-S.99: Effect speed adjustment. 01 is the slowest, 99 is the fastest		ENTER: confirm and back to the previous step.
Built-in sound programs SOU	SP01-SP12 PAR light sound show		Enter to confirm. To adjust the sound sensitivity through the potentiometer.			
COLO color setting COL	R.000-R.255 G.000-G.255 B.000-B.255		ENTER into the next step. MENU to the previous step.	S.00—S.99: strobe speed S.00: all on, S.99: the fastest		ENTER: confirm and back to the previous step.
DMX mode DNH	03/04/12/20CH		Selecting the channel	d001-dXXX		Setting the address
SLAVE mode SLR	When selecting the SLAVE mode, this machine will follow the master's built-in program through the DMX cable.		ENTER into the next step	001-255 address setting		ENTER: confirm and back to the previous step.
System setting sys	M-En: master mode		ENTER into the next step	ON: turn on master mode OFF: turn off master mode		ENTER: confirm and back to the previous step.
	W-En: wireless pedal working mode		ENTER into the next step	ON: turn on the wireless footswitch working mode OFF: turn off the wireless footswitch working mode		ENTER: confirm and back to the previous step.
	TEST: testing mode		ENTER to the testing mode			
	REST: restore the factory initial setup		ENTER to restart the machine			



- NOTES:**
- (1) S.01-S.99: program speed adjusting; S.01: the slowest, S.99: the fastest
 - 2 A point will be shown on the screen if there's no operation in 30s.
 - 3 Machine address bit instruction, face to the LED screen, from left to right, the address is 1-2-3-4.
 - 4 The nixie tube will twinkle when there's no signal input to SLAVE,D001.

DMX operation instructions

DMX Channels Chart. This device adopts large storage and high speed chip, which has been written with lots of effect based on laser light DMX application. There are many kinds of model in channel one.

3 Channel DMX mode

Channel		Value	Description
CH1		000-009	Blackout
		010-127	Standard Auto mode
		128-255	Flashing Auto mode
CH2	Auto show	000-014	Standard Auto show 1
		015-029	Standard Auto show 2
		030-044	Standard Auto show 3
		045-059	Standard Auto show 4
		060-074	Standard Auto show 5
		075-089	Standard Auto show 6
		090-104	Standard Auto show 7
		105-119	Standard Auto show 8
		120-134	Standard Auto show 9
		135-149	Standard Auto show 10
		150-164	Standard Auto show 11
		165-179	Standard Auto show 12
		180-194	Standard Auto show 13
		195-209	Standard Auto show 14
		210-224	Standard Auto show 15
		225-239	Standard Auto show 16
		240-255	Standard Auto show 17
	Sound-to-Light Auto shows	000-019	Sound-to-Light show 1
		020-039	Sound-to-Light show 2
		040-059	Sound-to-Light show 3
		060-079	Sound-to-Light show 4
		080-099	Sound-to-Light show 5
		100-119	Sound-to-Light show 6
		120-139	Sound-to-Light show 7
		140-159	Sound-to-Light show 8
		160-179	Sound-to-Light show 9
		180-199	Sound-to-Light show 10
	200-219	Sound-to-Light show 11	
	220-255	Sound-to-Light show 12	
CH3		000-255	Program speed setting

DMX operation instructions

4 Channel DMX mode

Channel	Value	Description
CH1	000-255	Red Dimmer
CH2	000-255	Green Dimmer
CH3	000-255	Blue Dimmer
CH4	000-191	RGB overall dimmer
	192-200	Sound-to-Light flashing
	201-249	Flashing speed
	250-255	All On

12 Channel DMX mode

Channel	Function	Value	Description
CH1	PAR1	000-255	Red dimmer
CH2	PAR1	000-255	Green dimmer
CH3	PAR1	000-255	Blue dimmer
CH4	PAR2	000-255	Red dimmer
CH5	PAR2	000-255	Green dimmer
CH6	PAR2	000-255	Blue dimmer
CH7	PAR3	000-255	Red dimmer
CH8	PAR3	000-255	Green dimmer
CH9	PAR3	000-255	Blue dimmer
CH10	PAR4	000-255	Red dimmer
CH11	PAR4	000-255	Green dimmer
CH12	PAR4	000-255	Blue dimmer

DMX operation instructions

20 Channel DMX mode

Channel	Value	Description
CH1	000–255	Par can 1 red dimmer
CH2	000–255	Par can 1 green dimmer
CH3	000–255	Par can 1 blue dimmer
CH4	000–255	Par can 1 RGB overall dimmer
CH5	000–255	Par can 1 flashing speed
CH6	000–255	Par can 2 red dimmer
CH7	000–255	Par can 2 green dimmer
CH8	000–255	Par can 2 blue dimmer
CH9	000–255	Par can 2 RGB overall dimmer
CH10	000–255	Par can 2 flashing speed
CH11	000–255	Par can 3 red dimmer
CH12	000–255	Par can 3 green dimmer
CH13	000–255	Par can 3 blue dimmer
CH14	000–255	Par can 3 RGB overall dimmer
CH15	000–255	Par can 3 flashing speed
CH16	000–255	Par can 4 red dimmer
CH17	000–255	Par can 4 green dimmer
CH18	000–255	Par can 4 blue dimmer
CH19	000–255	Par can 4 RGB overall dimmer
CH20	000–255	Par can 4 flashing speed

Product Parameter

Specifications

Model	Power partybar(WLS)
Power:	84W
PAR LED:	12*Tri-9W
Beam angle:	15°
LED:	R-620nm/100lm, G-520nm/160lm , B-462nm/50lm
DMX channels:	3 / 4 / 12 / 20CH
Spare parts:	T-Bar, stand, carrying bag, wireless footswitch, IR remote control, standing foot
AC power:	switching power supply, 100V-240V 50/60Hz (for all international markets)
Fuse :	T 1.6A, 250V
Stand :	1.5m—2.5m adjustable
Weight:	10.2kg
Product size:	L1032×W71×H235mm
Packing size:	L1057×W145×H457mm
Shipping data:	40HQ: 924ctns / 40GP: 616ctns / 20GP: 375ctns

