


4 Heads LED Moving Head Beam Light 4*32W RGBW 4in1

VG-4HS432D



User Manual

 Please read this user manual before using this product !

Keep it for further reference!

<http://www.vangaa.com>

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I. SAFETY INSTRUCTION



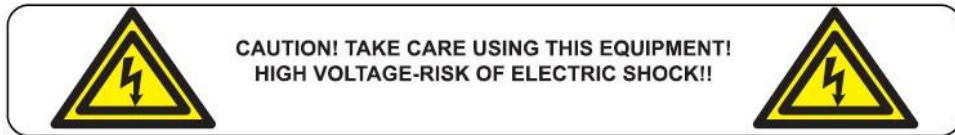
1. When opening the packing, take all accessories out, and remove the product to a horizontal table for good operation. First check whether the accessories are complete, then check carefully whether the whole product has no damage. If there is any damage, please keep it original and return to the factory.
2. AC Power: Check whether the local power supply is accordance with the requirements of the product rated voltage.
3. The product is only suitable for indoor working environment. The product should keep dry, keep away from wet, overheat or dusty environment. Don't come into contact with water and other liquids to prevent or reduce the risk of electric shock or fire.
4. Please do not install the light directly on the surface of the combustible substance.
5. The people who install, operate and maintain of light professional certificate required.
6. When there are faults of the product, please stop using it immediately. Don't try to repair, please contact the nearest authorized technical assistance center, if the parts damage, always use the same type of parts replaced.
7. Don't touch any electrical wiring in the process of operation to prevent the risk of electric shock.
8. To make sure the light working environment temperature, the highest do not exceed 40 °C, the lowest do not exceed - 20 °C.
9. The light is design according to the type of electric shock protection. The light should be

use in good connection grounding power system and the ground wire must connect with the ground wire of the power supply system. The earth sign port of the light should be connected to the installing fixtures.

11. Do not use the damage of the insulating layer wire and also do not use the power cord overlap on the other wire. When not in use or clean the light, please disconnect the power, don't pull the plug in hard or just drag the wires.

12. There are no components inside for maintenance. Before start operation the light, please check whether all of the shell is installed. In the case of the shell open used the light is prohibited.

Note: Under any installation, maintenance and clean the light, please confirm that has cut off the power cord!



II. PRODUCT FEATURES

Built-in master-slave, sound control and show mode;

LED display, easy to control;

It's suitable for disco, club, bar, party and DJ moving show;

DMX channel: 6CH, 10CH, 19CH, 32CH and 56CH;

Control mode: Sound (audio) detection, Show mode, DMX and Master/slave;

Input voltage: AC100-240V, 50/60Hz;

Fuse: F3AL250V

Power consumption: 200W

LED source: 4pcs 32W RGBW 4in1 LEDs

N.W.: 11KG

Light body dimension: 1000*260*90mm

Light Lumens:

Color	1M	2M	Unit
R1	24000	11500	LUX
G1	50000	18000	
B1	80000	27000	
W1	68000	26000	

III. FUNCTION DESCRIPTION

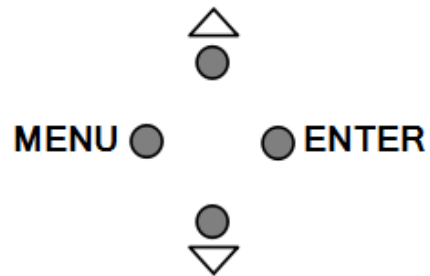


No.	Function
1	3-pin DMX OUT
2	5-pin DMX OUT
3	Power output
4	Safety loop (fixed safety wire)
5	Stand bracket (fixed stand)
6	LCD display
7	Display buttons
8	Power switch

9	Fuse holder
10	Power input
11	3-pin DMX IN
12	5-pin DMX IN

IV. CONTROL PANEL

DISPLAY



Item	No.	Silk-screen	Function
Button:	①	MENU	Enter/check menu
	②	△	Check the next menu
	③	▽	Check the last menu
	④	ENTER	Enter the menu or confirm

V. FIXTURES INSTALLATION

INSTALLATION NOTES

No.	Description
①	Included in package, unit has 2pcs
②	Clamp(the price is not included, customer can order from us)
③	Fixed up ② and ①, and lock

④	Use 2pcs ③ quick lock, fixed on lights, so light can hanging up
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RELATED INSTALLATION IMAGE



INSTALLATION

1) Hang up with clamps

Take out 2pcs handle ① from the accessories of package, and take out clamp (this can purchase from our company or your local market) ②, unit light need 2pcs clamps, the clamps need lock securely with the handle. Please according ④ to install, clockwise rotation the quick-lock is close it, counterclockwise rotation the quick-lock is open it.

After installed ④, customer can according to their needs configure multiple, to hang out a variety effect, such as the lined up or a circular rings.

2) Hang up with stand

According below picture, you can use yourself suitable stand, or purchase from our company (we have 1.8m and 2.5m height stand for customer choose).

Please refer the following photo to install this machine, is very simple and convenient.



VI. CONTROL PANEL MAIN FUNCTION

System Settings			
① Menu	② Menu	③ Menu	Function
DMX Address	001--512		DMX address
Channel Mode	DMX 6Ch		6CH
	DMX 10Ch		10CH
	DMX 19Ch		19CH
	DMX 32Ch		32CH
	DMX 56Ch		56CH
Slave Mode	Slave 1		Slave 1
	Slave 2		Slave 2

	Slave 3		Slave 3
	Slave 4		Slave 4
Auto Mode	Program	00	Random performance
		01-16	Show mode 1-16
	Speed 00-99	00-99	speed slow to fast
Sound Mode	Program00-16	00	Random sound active
		01-16	Sound mode 1-16
	Speed 00-99	00-99	Sound sensitivity
Pan Inverse	All Head	No/Yes	Pan positive / reverse
	Head1	No/Yes	Pan1 positive / reverse
	Head2	No/Yes	Pan2 positive / reverse
	Head3	No/Yes	Pan3 positive / reverse
Tilt Inverse	All Head	No/Yes	Tilt positive/ reverse
	Head1	No/Yes	Tilt1 positive / reverse
	Head2	No/Yes	Tilt2 positive / reverse
	Head3	No/Yes	Tilt3 positive / reverse
Settings	Head4	No/Yes	Tilt4 positive / reverse
	Resetting		Resetting
	Display	On/Off	LED display on/ off
	Display Rev	On/Off	Display positive/ reverse
	Time Info		Work time
	Firmware V1.0		Version number
	Function test	Test	Auto test mode

VII. DMX CHANNEL CHART

6CH MODE

CH	NAME	DMX VALUE	FUNCTION
CH1	Dimmer	000←→255	General dimmer, 0-100% linear
CH2	Strobe	000←→255	Strobe, from slow to fast

CH3	Function	000↔007	No function
		008↔022	Show 1
		023↔037	Show 2
		038↔052	Show 3
		053↔067	Show 4
		068↔082	Show 5
		083↔097	Show 6
		098↔112	Show 7
		113↔127	Show 8
		128↔142	Show 9
		143↔157	Show 10
		158↔172	Show 11
		173↔187	Show 12
		188↔202	Show 13
		203↔217	Show 14
		218↔232	Show 15
233↔247	Show 16		
248↔255	Sound active		
CH4	Speed	000↔255	Show mode speed, from slow to fast
CH5	Color	000↔030	LED color chase
		031↔255	LED color choose
CH6	Color chasing	000↔255	Color chasing, slow to fast

10CH MODE

CH	NAME	DMX VALUE	FUNCTION
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CH1	Pan	000↔255	Pan movement
CH2	Tilt	000↔255	Tilt movement
CH3	Dimmer	000↔255	General dimmer, 0-100% linear
CH4	Strobe	000↔255	Strobe, from slow to fast
CH5	Function	000↔007	No function
		008↔022	Show 1
		023↔037	Show 2
		038↔052	Show 3
		053↔067	Show 4
		068↔082	Show 5
		083↔097	Show 6
		098↔112	Show 7
		113↔127	Show 8
		128↔142	Show 9
		143↔157	Show 10
		158↔172	Show 11
		173↔187	Show 12
		188↔202	Show 13
		203↔217	Show 14
		218↔232	Show 15
233↔247	Show 16		
248↔255	Sound active		
CH6	Speed	000↔255	Show mode speed, from slow to fast
CH7	Color	000↔030	LED color chase

		031↔255	LED color choose
CH8	Color chasing	000↔255	Color chasing, slow to fast
CH9	Pan fine	000↔255	Pan fine
CH10	Tilt fine	000↔255	Tilt fine

19CH MODE

CH	NAME	DMX VALUE	FUNCTION
CH1	Dimmer	000↔255	General dimmer, 0-100% linear
CH2	Strobe	000↔255	Strobe, from slow to fast
CH3	Red dimmer	000↔255	Red dimmer 0-100% linear
CH4	Green dimmer	000↔255	Green dimmer 0-100% linear
CH5	Blue dimmer	000↔255	Blue dimmer 0-100% linear
CH6	White dimmer	000↔255	White dimmer 0-100% linear
CH7	LED 1 pan	000↔255	LED 1 pan movement
CH8	LED 1 tilt	000↔255	LED 1 tile movement
CH9	LED 1 dimmer	000↔255	LED 1 dimmer, 0-100%
CH10	LED 2 pan	000↔255	LED 2 pan movement
CH11	LED 2 tilt	000↔255	LED 2 tile movement
CH12	LED 2 dimmer	000↔255	LED 2 dimmer, 0-100%
CH13	LED 3 pan	000↔255	LED 3 pan movement
CH14	LED 3 tilt	000↔255	LED 3 tile movement
CH15	LED 3 dimmer	000↔255	LED 3 dimmer, 0-100%
CH16	LED 4 pan	000↔255	LED 4 pan movement
CH17	LED 4 tilt	000↔255	LED 4 tile movement

CH18	LED 4 dimmer	000↔255	LED 4 dimmer, 0-100%
CH19	Speed	000↔255	Motor speed, from slow to fast

32CH MODE

CH	NAME	DMX VALUE	FUNCTION
CH1	Dimmer	000↔255	General dimmer, 0-100% linear
CH2	Strobe	000↔255	Strobe, from slow to fast
CH3	LED 1 pan	000↔255	LED 1 pan movement
CH4	LED 1 pan fine	000↔255	LED 1 pan fine adjustment
CH5	LED 1 tilt	000↔255	LED 1 tilt movement
CH6	LED 1 tilt fine	000↔255	LED 1 tilt fine adjustment
CH7	LED 1 speed	000↔255	LED 1 motor speed, from slow to fast
CH8	Color	000↔030 031↔255	No function LED 1 color choose
CH9	LED 2 pan	000↔255	LED 2 pan movement
CH10	LED 2 pan fine	000↔255	LED 2 pan fine adjustment
CH11	LED 2 tilt	000↔255	LED 2 tilt movement
CH12	LED 2 tilt fine	000↔255	LED 2 tilt fine adjustment
CH13	LED 2 speed	000↔255	LED 2 motor speed, from slow to fast
CH14	Color	000↔030 031↔255	No function LED 2 color choose
CH15	LED 3 pan	000↔255	LED 3 pan movement
CH16	LED 3 pan fine	000↔255	LED 3 pan fine adjustment
CH17	LED 3 tilt	000↔255	LED 3 tilt movement

CH18	LED 3 tilt fine	000←→255	LED 3 tilt fine adjustment
CH19	LED 3 speed	000←→255	LED 3 motor speed, from slow to fast
CH20	Color	000←→030	No function
		031←→255	LED 3 color choose
CH21	LED 4 pan	000←→255	LED 4 pan movement
CH22	LED 4 pan fine	000←→255	LED 4 pan fine adjustment
CH23	LED 4 tilt	000←→255	LED 4 tilt movement
CH24	LED 4 tilt fine	000←→255	LED 4 tilt fine adjustment
CH25	LED 4 speed	000←→255	LED 4 motor speed, from slow to fast
CH26	Color	000←→030	No function
		031←→255	LED 4 color choose
CH27	Sound active	000←→040	No function
		041←→255	Sound active
CH28	Sensitivity	000←→255	Sound sensitivity adjustment
CH29	Red dimmer	000←→255	Red dimmer 0-100% linear
CH30	Green dimmer	000←→255	Green dimmer 0-100% linear
CH31	Blue dimmer	000←→255	Blue dimmer 0-100% linear
CH32	White dimmer	000←→255	White dimmer 0-100% linear

56CH Mode

CH	DMX VALUE	FUNCTION
CH1/15/29/43	000←→255	LED 1/2/3/4 pan movement
CH2/16/30/44	000←→255	LED 1/2/3/4 pan fine adjustment
CH3/17/31/45	000←→255	LED 1/2/3/4 tilt movement

CH4/18/32/46	000←→255	LED 1/2/3/4 tilt fine adjustment
CH5/19/33/47	000←→255	LED 1/2/3/4 motor speed, from slow to fast
CH6/20/34/48	000←→255	LED 1/2/3/4 dimmer, 0-100%
CH7/21/35/49	000←→255	LED 1/2/3/4 strobe, slow to fast
CH8/22/36/50	000←→030	No function
	031←→255	LED 1/2/3/4 color choose
CH9/23/37/51	000←→007	No function
	008←→030	LED 1/2/3/4 show 1
	031←→053	LED 1/2/3/4 show 2
	054←→076	LED 1/2/3/4 show 3
	077←→099	LED 1/2/3/4 show 4
	100←→122	LED 1/2/3/4 sound mode
	123←→199	No function
	200←→224	LED 1/2/3/4 auto rest seconds later
	225←→255	No function
CH10/24/38/52	000←→255	LED 1/2/3/4 show mode speed, from slow to fast
CH11/25/39/53	000←→255	R1/R2/R3/R4 dimmer, 0-100%
CH12/26/40/54	000←→255	G1/G2/G3/G4 dimmer, 0-100%
CH13/27/41/55	000←→255	B1/B2/B3/B4 dimmer, 0-100%
CH14/28/42/56	000←→255	W1/W2/W3/W4 dimmer, 0-100%

VIII. PRODUCT STATEMENT

1. This product is in good performance situation and completely packed before leaving factory. Users should be strictly abide by the below cautions and operation instructions, any

damage caused by misuse is not within the company warranty;

2. There is no notice for the change of the technology information in the manual, or the upgrading of the product.

Please keep this manual as a reference.

Thanks again for your business. We truly appreciate it!