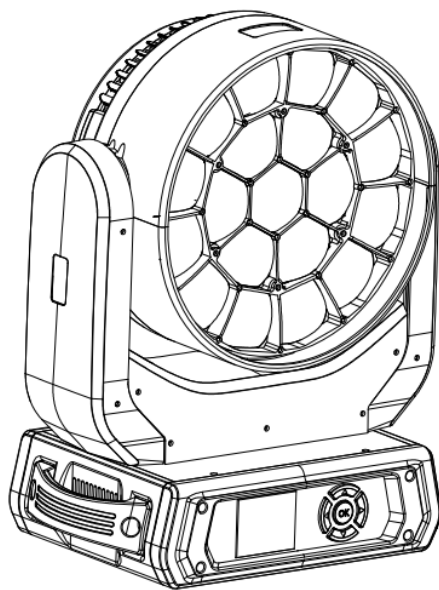




User Manual: Squared Kaleidoscope Eye 19x40W

SquareLED

Kaleidoscope Eye 19x40W LED Zoom



USER MANUAL

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INTRODUCTION

Thank you for having chosen our LED lighting

Unpack the device, inside the box you should find:

- The fixture device
- One power cable
- One XLR connection cable
- This manual

Please check carefully that there is no damage caused by transportation. Should there be any problems, consult your dealer and don't install this device.

DESCRIPTION

Features

- Light source: 19 * 40W RGBW OSRAM
- Lamp life: more than 50000 hours
- Scan rate:1000/5000/10000/50000 Hz selectable(Flicker free)
- Dimmer Curve:S/L/I/Q 4 curves selectable.
- Input voltage: 110-240V AC, 50-60hz
- Virtual Color Wheel function:2800K-10000K color temperature and various colors
- Max power:850W
- Electronic zoom: 3.5-60 degrees
- Channel: 10/11/17/18/25/29 channels selectable
- PAN 540degrees ;tilt 230degrees
- Product size: 341(L)x230(W)x460(H)mm
- Weight: 13KG
- IP20

SAFETY INSTRUCTIONS

This device has left the factory in perfect condition. In order to maintain this condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this user manual.

This device falls under protection-class I. Therefore it is essential that the device should be earthed.

The electric connection must carry out by qualified person.

If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.

Make sure that the available voltage is not higher than stated at the end of this manual.

Make sure the power cord is never crimped or damaged by sharp edges. If this would be the case, replacement of the cable must be done by an authorized dealer.

Always disconnect from the mains, when the device is not in use or before cleaning it. Only handle the power cord by the plug. Never pull out the plug by tugging the power cord.

Never look directly into the light source, as sensitive persons may suffer an epileptic shock.

Important:

Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems.

DMX-512 control connection

The product has a DMX 512 input fitted with 3-pin XLR connectors. Screened cables in compliance with EIA RS-485 specifications and the following characteristics must be used for connections:

- 2 conductors plus screen
- 120Ohm impedance
- low capacitance
- max. transmission rate 250kBaud.

DMX-512 connection with DMX terminator

For installations where the DMX cable has to run a long distance or is in an electrically noisy environment, such as in a discotheque, it is recommended to use a DMX terminator. This helps in preventing corruption of the digital control signal by electrical noise. The DMX terminator is simply an XLR plug with a 120 OHM resistor connected between pins 2 and 3, which is then plugged into the output XLR socket of the last fixture in the chain.

Operation
Display Menu

Menu	Sub-menu		
Information	DMX512 Monitor	Channel XXX	
		System	Hour:XXX Min:XXX
	Time Record	Clear Record	
	Sensor	Temperature	Head Temp:XXX
		Body Position	
Config	Channel mode	XXXCh	
	Keep Dmx Data	Disable/Enable	
	Fast Dimmer	Off/On	
	Scan Rate	1000Hz/5000Hz /10000Hz/50000Hz	
	Dimmer Curve	L/S/I/Q	
	Fan Mode	Low/Standard/High	
	WDmx Power	Off/On	
	WDmx Unlink	No/Yes	
	Pan Tilt	Pan Invert	Disable/Enable
		Tilt Invert	Disable/Enable
		Pan Tilt Swap	Disable/Enable
	Backlight	Auto off:45s/Auto off:10s/Auto on	
	Monitor Direct	Auto Change/Normal/Invert	
	Default Config	No/Yes	

Control	Dmx512 HM	HM Enable	Disable/Enable
		HM Val	Channel XXX
	Test Mode	Disable/All	
	FanTest	On/Off	
	Ping	XXX	
	Reset Motor	No/Yes	
	Break Resetting	No/Yes	
RDM	RDM_Status	Enable/Disable	
	RDM_UID	XXX	
	RDM_ID	XXX	
	RDM_Label	XXX	

Main functions

1. address: Current DMX address

A.Setting DMX address by button

press **ENTER** button when show the **address** menu, then adjust the DMX address by pressing **[UP]** or **[DOWN]** button
Press **[ENTER]** to confirm or pressing **[ESC]** to return to main menu.

B.Setting DMX address by controller

- 1.**Set the DMX value of channel 5 to 10-15,channel 17 to 20-26, channel 7 to 30-36,channel 8 to 40-46,then the devices connected to the controller will enter to the setting address mode
- 2.** Set the DMX value of **channel 1** from 0-59,then you will see the the first number of the Address change to (channel 1 vaule)/10.
For example,when set the value of channel 1 to 20,the first DMX address number will be 2(20/10=2) ,
- 3.** Set the DMX value of **channel 2** from 0-99,then you will see the the sencond number of the Address change to (channel 2 vaule)/10.
For example,when set the value of channel 2 to 30,the first DMX address number will be 2(30/10=3) ,

4. Set the DMX value of **channel 3** from 0-99, then you will see the third number of the Address change to (channel 3 value)/10.

For example, when set the value of channel 1 to 40, the first DMX address number will be $3(40/10=4)$,

And the DMX address you set by controller will be 234.

5. Set the DMX value of **channel 4** to 255, then you will save the DMX address settled by the controller.

Caution: It won't save the address if the address number is over 512

6. set the value of channel 5-8 out of the value range show on the step 1, and the device will exit the setting address mode

2. Config

Setting DMX mode

press **ENTER** button when show the **channel** menu, then select the DMX mode by pressing **[UP]** or **[DOWN]** button

Setting Dimmer Curve

press **ENTER** button when show the **dimmer curve** menu, then select the dimmer curve by pressing **[UP]** or **[DOWN]** button

Setting Cipher

press **ENTER** button when show the **cipher setup** menu, then setup cipher by pressing **[UP]** or **[DOWN]** button

Key mode

press **ENTER** button when show the **key mode** menu, then select lock or unlock by pressing **[UP]** or **[DOWN]** button

Show Temperature

press **ENTER** button when show the **Temp Unit CS** menu, select the way of showing the fixture's temperature in °C or °F by pressing **[UP]** or **[DOWN]** button

DMX status

press **ENTER** button when show the **DMX Status** menu, then select clear value or hold value by pressing **[UP]** or **[DOWN]** button

DMX direct

press **ENTER** button when show the **DMX direct** menu, then select DMX direct positive or negative by pressing **[UP]** or **[DOWN]** button

Display mode

press **ENTER** button when show the **Display Mode** menu, then select auto or on by pressing **[UP]** or **[DOWN]** button

3. System info

Temperature

press **ENTER** button when show the **Temperature** menu, then it will show the temperature of the fixture

Fixture time

press **ENTER** button when show the **Fixture time** menu, then it will show how long time of the fixture already used

4. Color menu

press **ENTER** button when show the **Color** menu, press **Enter** button to select the color mode, then adjust the color by pressing **[UP]** or **[DOWN]** button

5. White balance

press **ENTER** button when show the **white balance** menu, press **Enter** button to select the color mode, then adjust the color by pressing **[UP]** or **[DOWN]** button

6. Static test

press **ENTER** button when show the **static test** menu, select different color by pressing **[UP]** or **[DOWN]** button

7. Auto test

press **ENTER** button when show the **auto test** menu, select test mode by pressing **[UP]** or **[DOWN]** button

8. Factory setting

press **ENTER** button when show the **Factory setting** menu, adjusting color cablir by pressing **[UP]** or **[DOWN]** button

DMX functions and values

Channel mode		Function name	Value	Function
11	1	Pan	0 - 255	0-180°
	2	Fine Pan	0 - 255	0-0.7°
	3	Tilt	0 - 255	0-540°

	4	Fine Tilt	0 - 255	0-2°
	5	Zoom	0 - 255	0 - 100%
	6	Master Dimmer	000 - 255	0 - 100%
	7	All Red LED	000 - 255	0 - 100%
	8	All Green LED	000 - 255	0 - 100%
	9	All Blue LED	000 - 255	0 - 100%
	10	All White LED	000 - 255	0 - 100%
	11	Reset	200-220	Hold > 5 seconds
17	1	Pan	0 - 255	0-180°
	2	Fine Pan	0 - 255	0-0.7°
	3	Tilt	0 - 255	0-540°
	4	Fine Tilt	0 - 255	0-2°
	5	Zoom	0 - 255	0 - 100%
	6	Master Dimmer	000 - 255	0 - 100%
	7	Master Dimmer fine	000 - 255	0 - 100%
	8	All Red LED	000 - 255	0 - 100%

	9	All Green LED	000 - 255	0 - 100%
	10	All Blue LED	000 - 255	0 - 100%
	11	All White LED	000 - 255	0 - 100%
	12	Duration_RGB	000 - 255	0 - 100%
	13	Strobe_RGB	000 - 255	Slow to Fast
	14	Color Wheel	0 - 4	normal
			5 - 15	3200K-10000K
			16-255	Color
	15	Macro	000 - 255	Effect 1-5
	16	speed	000 - 255	Fast to slow
	17	Reset	200-220	Hold > 5 seconds
29	1	Pan	0 - 255	0-180°
	2	Fine Pan	0 - 255	0-0.7°
	3	Tilt	0 - 255	0-540°
	4	Fine Tilt	0 - 255	0-2°
	5	Zoom	0 - 255	0 - 100%

	6	Master Dimmer	000 - 255	0 - 100%
	7	Master Dimmer fine	000 - 255	0 - 100%
	8	All Red LED	000 - 255	0 - 100%
	9	All Green LED	000 - 255	0 - 100%
	10	All Blue LED	000 - 255	0 - 100%
	11	All White LED	000 - 255	0 - 100%
	12	Duration_RGB	000 - 255	0 - 100%
	13	Strobe_RGB	000 - 255	Slow to Fast
	14	Color Wheel	0 - 4	normal
			5 - 15	3200K-10000K
			16-255	Color
	15	Macro	000 - 255	Effect 1-5
	16	speed	000 - 255	Fast to slow
	17	Reset	200-220	Hold > 5 seconds
	18	Red Ring1	000 - 255	0 - 100%
	19	Green Ring1	000 - 255	0 - 100%

	20	Blue Ring1	000 - 255	0 - 100%
	21	White Ring1	000 - 255	0 - 100%
	22	Red Ring2	000 - 255	0 - 100%
	23	Green Ring2	000 - 255	0 - 100%
	24	Blue Ring2	000 - 255	0 - 100%
	25	White Ring2	000 - 255	0 - 100%
	26	Red Ring3	000 - 255	0 - 100%
	27	Green Ring3	000 - 255	0 - 100%
	28	Blue Ring3	000 - 255	0 - 100%
	29	White Ring3	000 - 255	0 - 100%
25	1	Pan	0 - 255	0-180°
	2	Fine Pan	0 - 255	0-0.7°
	3	Tilt	0 - 255	0-540°
	4	Fine Tilt	0 - 255	0-2°
	5	Zoom	0 - 255	0 - 100%
	6	Master Dimmer	000 - 255	0 - 100%

7	Master Dimmer fine	000 - 255	0 - 100%
8	Red Ring1	000 - 255	0 - 100%
9	Green Ring1	000 - 255	0 - 100%
10	Blue Ring1	000 - 255	0 - 100%
11	White Ring1	000 - 255	0 - 100%
12	Red Ring2	000 - 255	0 - 100%
13	Green Ring2	000 - 255	0 - 100%
14	Blue Ring2	000 - 255	0 - 100%
15	White Ring2	000 - 255	0 - 100%
16	Red Ring3	000 - 255	0 - 100%
17	Green Ring3	000 - 255	0 - 100%
18	Blue Ring3	000 - 255	0 - 100%
19	White Ring3	000 - 255	0 - 100%
20	Duration_RGB	000 - 255	0 - 100%
21	Strobe_RGB	000 - 255	Slow to Fast
22	Color Wheel	0 - 4	normal

			5 - 15	3200K-10000K
			16-255	Color
	23	Macro	000 - 255	Effect 1-5
	24	speed	000 - 255	Fast to slow
	25	Reset	200-220	Hold > 5 seconds
10	1	Pan	0 - 255	0-180°
	2	Fine Pan	0 - 255	0-0.7°
	3	Tilt	0 - 255	0-540°
	4	Fine Tilt	0 - 255	0-2°
	5	Zoom	0 - 255	0 - 100%
	6	All Red LED	000 - 255	0 - 100%
	7	All Green LED	000 - 255	0 - 100%
	8	All Blue LED	000 - 255	0 - 100%
	9	All White LED	000 - 255	0 - 100%
	10	Reset	200-220	Hold > 5 seconds
	1	Pan	0 - 255	0-180°

18

2	Fine Pan	0 - 255	0-0.7°
3	Tilt	0 - 255	0-540°
4	Fine Tilt	0 - 255	0-2°
5	Zoom	0 - 255	0 - 100%
6	Red Ring1	000 - 255	0 - 100%
7	Green Ring1	000 - 255	0 - 100%
8	Blue Ring1	000 - 255	0 - 100%
9	White Ring1	000 - 255	0 - 100%
10	Red Ring2	000 - 255	0 - 100%
11	Green Ring2	000 - 255	16
12	Blue Ring2	000 - 255	0 - 100%
13	White Ring2	000 - 255	0 - 100%
14	Red Ring3	000 - 255	0 - 100%
15	Green Ring3	000 - 255	0 - 100%
16	Blue Ring3	000 - 255	0 - 100%
17	White Ring3	000 - 255	0 - 100%

	18	Reset	200-220	Hold > 5 seconds
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CLEANING AND MAINTENANCE

We recommend a frequent cleaning of the device. Please use a soft lint-free and moistened cloth. Never use alcohol or solvents!

CAUTION! Disconnect from mains before starting maintenance operation.

There are no servicable parts inside the device. Maintenance and service operations are only to be carried out by authorized dealers.

If you need any spare parts, please use genuine parts.

If the power supply cable of this device becomes damaged, it has to be replaced by authorized dealers only in order to avoid hazards.

If you have further questions, please contact your dealer.

INSTALLATION

The device must only be installed at a vibration-free, oscillation-free and fire-resistant location.



Das Lichttechnikhaus Vertriebs GmbH

Rudolf-Diesel-Str. 3, D-89312 Günzburg

Telefon +49 (0) 82 21 207 98-0

Fax +49 (0) 82 21 207 98-69

E-Mail info@lth-gmbh.de

Web www.lth-gmbh.de