KUDUX®
STAGE TECHNOLOGY

ES-L29 RGB DMX

winch



- **Running without hanging any light-emitting equipment is strictly prohibited.**
- **After installation, don't lift the LED ball up with your hand any time**

KEEP THIS MANUAL FOR FUTURE NEEDS

Remark:

Errors and omissions for every information given in this manual except.

All information is subject to change without prior notice.

Manual instruction

V1.1

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1. Overview

Thanks for buying our products! Projector unpacking, check whether there is a result of the damage caused by using this lamp, as soon as possible, contact your dealer or manufacturer.

This product meets the following criteria:

GB7000.1-120007/IEC60598-1:2013

GB7000.217-2008/IEC60598-2-17:1984+A2:1990

2. Safety guidelines



Important Notice

All equipment installation and maintenance must done by professional technical personnel, and strictly follow the instructions to operate and maintain.

The manufacturer shall not be held liable for any failure to manual normal operation use and responsible for unauthorized allowed to modify the device caused any accidents and loss.

3. Warning

- Installation of RGB DMX winch must provide enough safety distance and operational distance.
- Running without hanging any light-emitting equipment is strictly prohibited.
- After installation, don't lift the LED ball up and down with your hand any time

4. Basic configurations





※The following spare parts are not included. if you need, please contact your distributor to purchase them:









5. Installation instruction



Sufficient safety distance must be considered in



Sufficient lifting distance must be considered. Otherwise, the ball may heat the ground or may cause unexpected

Step 1：Installation of DMX winch and clamp



Step 2：Installation of DMX winch and truss



Step 3：Installation of DMX winch and LED color ball



6. Operating requirement

Wire wrapped in the DMX winch when the product out of factory, we must hang on the color ball when power on starting DMX winch, without hanging LED color balls strictly prohibited because there is failure when draught line wrapped in the lifting machine without gravity!

Step 1

Start power switch of DMX winch. (Start power switch while performing self-checking and resetting.)

Step 2

Insert DMX signal debug and perform reset uniformly.



Step 3

Height of all color ball should be same by executing unified reset, make sure LED lifting color ball can work normally after ensure all rest.

7. Menu illustration (LCD Display)

DMX Addre → Value (001~512)

Length → Long / Short

Mode → DMX/Auto

DMX Mode → 5/6/9/10CH

DMX Fail → Clear/Hold

Manual → CH01~CH10

Information → Version/working Time/Date/RDM

Reset → Motor/Factory

8. Channel Chart:

5CH model:

DMX Channel	DMX Value	Specification
1.Motor (8Bit)	0-255	Lifting from top to bottom with 8Bit
2.Motor Speed	0-255	Speed from fast to slow
3.Red	0-255	Red from dark to bright
4.Green	0-255	Green from dark to bright
5.Blue	0-255	Blue from dark to bright

6CH model:

DMX Channel	DMX Value	Specification
1.Motor (8Bit)	0-255	Lifting from top to bottom with 8Bit
2.Motot(16Bit)	0-255	Lifting from top to bottom with 16Bit
3.Motor speed	0-255	Lifting speed from fast to slow
4.Red	0-255	Red from dark to bright
5.Green	0-255	Green from dark to bright
6.Blue	0-255	Blue from dark to bright

9CH model:

DMX Channel	DMX Value	Specification
1.Motor (8Bit)	0-255	Lifting from top to bottom with 8Bit
2.Motor speed	0-255	Lifting speed from fast to slow
3.Dimmer	0-255	Master dimmer

4.Strobe	0-3	Open
	4-44	Strobe from slow to fast
	45-65	Random strobe from slow to fast
	66-106	Pulse strobe from slow to fast
	107-127	Random pulse strobe from slow to fast
	128-168	Fade-in strobe from slow to fast
	169-189	Random fade-in strobe from slow to fast
	190-230	Fade-out strobe from slow to fast
	231-251	Random fade-out strobe from slow to fast
	252-255	close
5.Red	0-255	Red from dark to bright
6.Green	0-255	Green from dark to bright
7.Blue	0-255	Blue from dark to bright
8.COLOR MACRO	0-49	No function
	50-94	Eight color step at 9 speeds
	95-99	No function
	100-149	Eight color fade at 5 speeds
	150-154	No function
	155-166	Red+Green from dark to bright
	167-178	Green+Red from bright to dark
	179-190	Green+Blue from dark to bright
	191-202	Blue+Green from bright to dark
	203-214	Blue+Red from dark to bright
	215-226	Red+Blue from bright to dark
	227-238	RGB from dark to bright
	239-250	Blue+Red from dark to bright at the same time green from bright to dark
		Output 100% at the same time

	251-255	
9.CONTROL	0-245 246-250 251-255	No function to reset once channel is held at this value for 5seconds no function

10CH model:

DMX Channel	DMX Value	Specification
1.Motor (8Bit)	0-255	Lifting from top to bottom with 8Bit
2.Motor Fine(16Bit)	0-255	Lifting from top to bottom with 16Bit
3.Motor speed	0-255	Lifting speed from fast to slow
4.Dimmer	0-255	Master dimmer
5.Strobe	0-3 4-44 45-65 66-106 107-127 128-168 169-189	Open Strobe from slow to fast Random strobe from slow to fast Pulse strobe from slow to fast Random pulse strobe from slow to fast Fade-in strobe from slow to fast Random fade-in strobe from slow to fast

	190-230 231-251 252-255	Fade-out strobe from slow to fast Random fade-out strobe from slow to fast close
6.Red	0-255	Red from dark to bright
7.Green	0-255	Green from dark to bright
8.Blue	0-255	Blue from dark to bright
9.COLOR MACRO	0-49 50-94 95-99 100-149 150-154 155-166 167-178 179-190 191-202 203-214 215-226 227-238 239-250 251-255	No function Eight color step at 9 speeds No function Eight color fade at 5 speeds No function Red+Green from dark to bright Green+Red from bright to dark Green+Blue from dark to bright Blue+Green from bright to dark Blue+Red from dark to bright Red+Blue from bright to dark RGB from dark to bright Blue+Red from dark to bright at the same time green from bright to dark Output 100% at the same time
10.CONTROL	0-245 246-250 251-255	No function to reset once channel is held at this value for 5seconds no function

9. Technical Specifications:

Power supply: 100-240V, 50-60Hz Power consumption: 150W

Channel: 5CH/6CH//9CH/10CH Motor: 3phase motor

Operation menu: LCD screen display

Maximum quantity in series: suggest 10unit (110V) and 20 unit (220V)

3.3M/6M winch information as below:

N.W: 6.25/6.3KG

G.W: 14.7KG/CTN (2PCS in1carton)

Outline size: 213*148*300MM

Packing size: 530*395*200MM(2PCS in1carton)

Remark:

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10.CONTACT:

Please check who is our dealer in your country at our website

www.kudux.com

or write direct to us by email: office@kudux.com