Squareled

Manual | LED Matrix light

Thank you for purchasing LEDA-RGB LED light, please read this manual carefully before using operating according to regulations, in order to avoid misuse of personal safety and lighting caused the damage.

Packing list

a set of light, a manual

Description

This series product adopts high-quality LED light source, high brightness, long life, low power consumption, reasonable structure, light weight design and optimization.

Functional modes

self-propelled mode, the DMX-512 mode, the master-slave synchronization mode, voice mode.

Instruction for use

After opening box, carefully check the lighting is damaged due to transportation, such as the screw is loose not ,the lens is broken and so on

Please check before applying power, Check the lighting placement is correct and secure, check the power supply voltage is the same with this product, or damage to the lamp is not an example of warranty. Examination was normal after the use of electricity.

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Technical parameters - 1. Matrix Light Single

Voltage: AC100V to 240V ± 10%

Frequency: 50Hz ~ 60Hz

Power: 75W

Light source: 5 30W high power RGB dot matrix LED lamp beads

Control channels: 7 channels and 19 channels(optional)

Control signal: international standard DMX-512 signal

Run mode: Auto mode, DMX-512 mode, the master-slave mode, voice (optional)

Work environment: Outdoor

Protection: IP65

Ambient temperature: -20° ~ 40°

Technical parameters - 2. Matrix Light 5-Pack

Voltage: AC100V ~ 240V ± 10% of

Frequency: of 50Hz ~ 60Hz

Power: 400W

25 of the light source: 30W RGB 3-in-1 super bright LED

Beam Angle: 45 °

Channels: 7CH 19CH

Control signal: standard DMX-512

One row size: L570 x W110 x H120 mm

One row N.W: 6,1kg

Whole product size: 556 x 556 x 115 mm.

DMX512 Channel Description

LED Channel Mode:7CH 19CH(Optional)

1.7CH Mode

Channel Mode1 DMX MODE 1

NO.	Function	Description
1CH	Total dimming	R G B total dimming linear dimming, from dark to light
2CH	Total stroboscopic	R G B W Total stroboscopic from slow to fast
3CH	R dimming	R dimming linear dimming from dark to light
4CH	G dimming	G dimming linear dimming from dark to light
5CH	B dimming	B dimming linear dimming from dark to light
6CH	Automatic speed	(0-255 0 fastest 255 slowest
7CH	Automatic operation and Sound	0—59: DMX seven channel control; 60-66: red; 67-73: green; 74-80: blue; 81-87: yellow; 88-94: blueness; 95-101: pink; 102-108: white; 109-115: gradual change; 116-122: saltus step; 123-129: white strobe; 130-136,137-142,143-149,150-156: Respectively, 1pcs, 2pcs, 3pcs,4pcs. The left and right direction of the lamp beads cycle horse race: 157-163,164-170,171-177,178-184,165-191,Respectively:1pcs, 2pcs, 3pcs, 4pcs. LEDs from one direction to another direction horse race; 192-198:Scintillation jump; 199-212: LEDs by a direction to another direction horse race; 213-219,220-226,227-233,234-249 Respectively:1pcs,2pcs3pcs,4pcs white color horse race: 250-255: Sound control

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2. 19CH Channel Mode		
Channel Mode2 DMX MODE 2		
NO.	Function	Description
1CH	Total dimming	R G B total dimming linear dimming,from dark to light
2CH	Total stroboscopic	R G B W Total stroboscopic from slow to fast
3CH	R Dimming	The first LED of Red dimming,linear dimming from dark to light.
4CH	G Dimming	The first LED of Green dimming, linear dimming from dark to light.
5CH	B Dimming	The first LED of Blue dimming,linear dimming from dark to light.
6CH	R Dimming	The second LED of Red dimming,linear dimming from dark to light.
7CH	G Dimming	The second LED of Green dimming,linear dimming from dark to light.
8CH	B Dimming	The second LED of Blue dimming,linear dimming from dark to light.
9CH	R Dimming	The third LED of Red dimming, linear dimming from dark to light.
10CH	G Dimming	The third LED of Green dimming, linear dimming from dark to light.
11CH	B Dimming	The third LED of Blue dimming, linear dimming from dark to light.
12CH	R Dimming	The fourth LED of Red dimming, linear dimming from dark to light.
13CH	G Dimming	The fourth LED of Green dimming, linear dimming from dark to light.
14CH	B Dimming	The fourth LED of Blue dimming, linear dimming from dark to light.
15CH	R Dimming	The fifth LED of Red dimming, linear dimming from dark to light.
16CH	G Dimming	The fifth LED of Green dimming, linear dimming from dark to light.
17CH	B Dimming	The fifth LED of Blue dimming, linear dimming from dark to light.
18CH	Automatic speed	(0-255 0 fastest 255 slowest
19CH	Automatic operation and Sound	0—59: DMX seven channel control: 60-66 Red; 67-73Green; 74-80 Blue; 81-87 yellow; 88-94 blueness; 95-101 pink; 102-108 white; 109-115gradual change; 116-122saltus step; 123-129 white strobe; 130-136,137-142,143-149,150-156; Respectively; 1pcs; 2pcs; 3pcs,4pcs .LEDs left and right direction horse race; 157-163,164-170,171-177,178-184,165-191Respectively; 1pcs; 2pcs; 3pcs; 4pcs LEDs by a one direction to another direction horse race:192-198 Scintillation jump; 199-212LEDs by a one direction to another direction horse race; 213-219,220-226,227-233,234-249 Respectively: 1pcs,2pcs,3pcs,4pcs white horse race:250-255 Sound

Manual | Flagship

DMX-512 signal connections

This product has DMX input and DMX output 3-pin XLR socket ,the socket connection for all of 1 foot pin to ground, then negative signal pin 2 feet,3 feet then positive signal pin.

Note: more than one connection can not be overloaded with machines, in connection with a branch up to 32 devices can be connected.
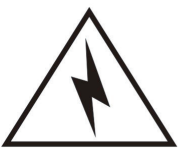LED power, connected to the console power when received DMX512 control signal, the signal mark of X disappears, then controlled sets of signal control.

Address code state, multi-machine connection, if there is no access control unit, a master-slave-line functions, operating one of the devices, the rest of the device in the address state to follow the host synchronization run the program. Connected to control units, devices can be controlled to address the state control.

Master-slave synchronization Note

1. When the host , the lamps will send control signals ,this time can not be connected to the DMX-512 control of the stage, otherwise it will interfere with each other, can not run simultaneously.

2. The master-slave synchronization of multiple lamp operation, of which only one lamp for the host, the other light from the machine, Otherwise can not run simultaneously.

Safety Tips:

1) lighting installation and maintenance, make sure lights power source off.

2) Make sure the environment is well ventilated lamp.

3) Installation, operation and maintenance personnel must be familiar with before beginning operation lamp performance, most damaging are not familiar with its performance due to a result of misuse.

4) Do not use a different specification of the supply voltage.

5) Do not light a long face, so as not to damage the eyes.

6) Do not use this product jitter.

7) Do not soak the environment, long-term use of this product.

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