

Color screen pixel light



User's Manual

Thank you for choosing our products. This manual contains essential information regarding product usage, installation, and maintenance procedures. Please read it carefully before proceeding with installation and operations. Keep this manual safe and secure to ensure its availability in case of emergencies. All products are shipped in perfect condition with intact packaging. Users must strictly follow all warnings and instructions outlined herein. Any damage caused by improper use is not covered under our warranty. We reserve the right to make technical modifications to this manual without prior notice.



accessories of a product

User Manual	1	Yes (No)
Power cord (as required by order)	1	Yes (No)
The suspension has a quick lock	2	Yes (No)

product features

working voltage	AC100 ~ 240V, 50 ~ 60Hz
consumed	10W

Light source	0.2W RGB
Number of	18PCS
Light source life	≥50000 hours
pigment	RGB linear mixing
aiming	Linear dimming, brightness 0 ~ 100% adjustable
stroboflash	1 ~ 30Hz flicker per second, adjustable flicker speed
colour	White light 6500-7500K
horizontal	/
upright	3 metres
channel	Two international standard channels
display screen	(Digital display (LCD liquid crystal display
control model	(DMX control (master/slave synchronization mode (self-start control
Light fixture color	(black
DMX joggle	(DMX Canopus
IP grade	IP65
characteristic	1. Ascension

Safety warning information

1. Before the first use, please unpack and check whether there is damage caused by transportation. If there is damage caused by transportation, do not use this lamp, and contact us as soon as possible.
2. This product can be used outdoors, IP65.
3. AC power supply: check whether the local power supply meets the rated voltage requirements of the product.
4. When installing and positioning the lamp, do not install the lamp



directly on the surface of ordinary combustible material.

5. Only qualified professionals can carry out the installation, operation and maintenance of lamps;
6. When the lamp is faulty, stop using it immediately. Do not try to repair it yourself. Please contact the nearest authorized technical support center or manufacturer. If the parts are damaged, always replace them with the same type of parts.
7. Do not touch any wires during operation, as there may be danger of electric shock.
8. Ensure that the ambient temperature of the lamp is not more than 40°C at the highest and not more than -20°C at the lowest. The lamp should be installed in a well-ventilated place and ensure that the fan of the lamp is running normally.
9. Do not use the power cord with damaged insulation layer, and do not connect the power cord to other conductors. When the lamp is not in use or cleaning, please hold the power cord plug to pull out the power cord, do not pull or drag the power cord directly.
10. There are no user-repair parts inside this lamp. Before starting operation, check whether all casings are installed and screws are tightened. Do not use the lamp with open casings.

Note: Before any installation, maintenance and cleaning of the lamp, please make sure that the power cord has been cut off!

Display panels



project	order number	Corresponding screen printing	act on
Button:	1	MODE	Entry/View menu function
	2	UP	The up key
	3	DOWN	The back button
	4	ENTER	Enter the selected function/determine key

Long press "MODE" 10S, enter in the order of the icon to unlock

First-level menu	second-level menu	Level 3 menu/values	
DMX address	address	001-512	
DMX pattern	channel	11CH、57CH	
Independent model	Self-Drive	effect	01-86
		velocity	01-99

		aiming	000-255
sound control		sensitivity	01-99
		aiming	000-255
hand movement		aiming	000-255
		red	000-255
		green	000-255
		blue	000-255
		Motor position	000-255
From machine mode	slave	ON/OFF	
set up	signal	Hold	
		Black	
		Auto	
	Screen reversal	ON/OFF	
	screensaver	ON/OFF	
	Switch between Chinese and English	CH/EN	
	Temperatur e protection	50-75	
	Power protection	050-220	
	capacity control	Light switch	ON/OFF
		Red adjustment	000-255
		Green adjustment	000-255
		Blue adjustment	000-255
	Motor calibration	Motor travel	0000-3000
		Motor speed	32-128

		Motor power	160-255
		Motor reversal	ON/OFF
		Motor calibration	0-255
		encoder	ON/OFF
	Synced updates	ON/OFF	
	Factory Settings	ON/OFF	
	system		
	Hardware information	DQD1.1	
	Software information	DQD1.0	
	Motor information	Hoare	000
		optocoupler	000

DMX channel control content

[DMX 1] Detailed description of channel mode 11, receiving DMX512 international standard signal

channel		numeric value	functional description
1	Y axle	000-255	Y-axis rotation
2	Y-axis fine-tuning	000-255	Y-axis fine-tuning
3	Y-axis speed	000-255	Speed from fast to slow
4	Total light control	000-255	R, G, B, W total dimming, from dark to light
5	Red tone modulation	000-255	Red tone shift, from dark to light.

6	Green dimming	000-255	Green dimming, from dark to two.
7	Blue dimming	000-255	Blue dimming, from dark to light.
8	Total frequency flicker	000-255	R, G, B, W total flicker, from slow to fast
9	FS	000-005	DMX aiming
		006-007	Effect 1
		008-010	Effect 2
	
		250-251	Effect 85
		252-255	Effect 86
10	Functioning speed	000-255	Function speed, from slow to fast
11	Y-axis reset	000-255	Reset value 200-240

[DMX 2] Detailed description of channel mode 57, receiving DMX512 international standard signal

channel		numeric value	functional description
1	Y axle	000-255	Y-axis rotation
2	Y-axis speed	000-255	Speed from fast to slow
3	Red 1 dimming	000-255	Red 1 dimming, from dark to light.
4	Green 1 dimming	000-255	Green 1 dimming, from dark to light.
5	Blue 1 dimming	000-255	The blue 1 is dimmed from dark to bright.
	...		
	...		

	...		
54	Red 18 dimming	000-255	Red 18 dimming, from dark to light.
55	Green 18 dimming	000-255	Green 18 dimming, from dark to bright.
56	Blue 18 dimming	000-255	The blue 18 is dimmed from dark to light.
57	Y-axis reset	000-255	Reset value 200-240