

36 Swinging Laser Screen Light

User's Manual



★ Please read this manual carefully before use ★

Thank you very much for purchasing our LED series lighting fixtures. For your personal safety and better use of this product, please read this manual carefully and operate according to the regulations before use to avoid misuse that may cause personal safety and damage to the lighting fixtures.

Instructions for use:

After opening the packaging box, carefully check whether the lighting fixtures have been damaged due to transportation, such as whether the screws are loose or the lenses are broken. Please check before powering on. Check whether the placement of the lighting fixtures is correct and stable, and whether the power supply voltage is the same as that of this product. This device belongs to level 1 protection equipment, so the ground wire of the power supply must be grounded and completed by professionals. Before use, check if the power supply voltage is normal.

• Technical Parameter:

Voltage: AC100~240V 50/60HZ

Power : 200W

Lamp beads: 36 main light warm light lamp beads * 3W (36 segments), and 648 auxiliary light 5050RGB lamp beads (36 segments)

Color temperature: Warm light 3200K

Control mode: DMX512, Auto, master-slave, voice control, with RDM function

Channel: CH6、CH16、CH146

Dimming: 32bit 0~100% linear dimming

Features: Flash+Dye+Effect+Shake Head

Working temperature: -30 ° C~50 ° C

Strobe frequency: 1-30Hz

Appearance: Metal, black

Connection method: DMX512 input/output/power input/output.

IP level: IP20

Inner box size: 56*15*32cm

Carton size: 58*32*35cm (2 PCS/carton)

N.W: 5.8KG

G.W: 6.3KG

Menu functions

After powering on and resetting the entire machine, press the menu button to enter the main menu (there is no operation on the main menu interface and exit after 30 seconds). Please refer to the main menu menu for details (a total of 5 main menu options); Press the up or down keys to select the main menu, confirm the key to enter and modify the functional parameters of each menu, and then press the confirm key to save the current functional parameters (with power down memory after saving).

Main menu	Sub menu 1	Sub menu 2	Remark
Addr	A001/A512		Address code, press the confirm button to enter sub menu 1, select the address code with the up or down button, and press the confirm button to save the address code.
CHAL	CH6/CH16/C146		Channel, press OK to enter sub menu 1, select the channel with the up or down keys, and press OK to save the channel.
	CA50	01-50	Press the confirm key to enter sub menu 1, select the self-propelled type with the up or down keys, then press the confirm key to enter sub menu 2, select the self-propelled speed with the up or down keys, press the confirm key to save the self-propelled type and speed, and press the menu key to return to the menu.
	CB50	01-50	
	CC50	01-50	
	CD50	01-50	
	CE50	01-50	
	CF50	01-50	
	CG50	01-50	
	CH50	01-50	
AUTO	CJ50	01-50	
SOUND	S001-S099		Sound mode
STAT	r000	r000-r255	The auxiliary light is manually dimmed in red. Press OK to enter submenu 2, and use the up or down keys

			to select the brightness level from low to high. 000 is off, 255 is maximum.
	g000	g000-g255	Manual dimming of auxiliary light green, press confirm to enter sub menu 2, and select the brightness level with the up or down keys, from low to high. 000 is off, 255 is maximum.
	b000	b000-b255	Manual dimming of auxiliary light blue, press confirm to enter sub menu 2, and select the brightness level with the up or down keys, from low to high. 000 is off, 255 is maximum.
	c000	c000-c255	The main light is manually dimmed in yellow. Press OK to enter sub menu 2, and use the up or down keys to select the brightness level from low to high. 000 is off, 255 is maximum.
	f000	f000-f255	Manual stroke of the motor, press confirm to enter sub menu 2, and select the stroke size with the up or down keys, from small to large. 000 is off, 255 is maximum.
	w000	w000-w255	Strobe manual dimming, press confirm to enter sub menu 2, select the strobe size with the up or down keys, and strobe from small to large. 000 is off, 255 is maximum.
	C000		Temperature display, display 00 when not connected
	FA40		Start the fan above the set temperature value
Temp	TE70		Reduce brightness above the set temperature
Rest	On/Off		Restore factory settings

Master slave control

Two or more identical lighting fixtures are connected with a three core signal wire using a DMA. All lighting fixtures are modified to any address code from 001 to 512, and any one is set as the host, while the other lighting fixtures are set as the slave. All slave display screens do not flash; When using the host to adjust the gradient, pulse, jump, voice control, and self-propelled effects, all slaves synchronize the gradient, pulse, jump, voice control, and self-propelled effects.

Special note: 1. Only one host can be set for a group of lighting fixtures. If there are multiple hosts, all lighting fixtures will flash randomly and not synchronize.

2. All lighting fixtures must be functional when the DMX512 console is turned off.

DMX512 control

Set the address codes of all lighting fixtures and connect them in parallel with the DMX512 console using a three core signal wire. The address code stops flashing, indicating that the DMX512 console signal has been sent to the lighting fixture. According to the channel instructions, use the DMX512 console to control the relevant functions.

CH6 Channel instruction:







Channel	Channel value	Basic function
1	000-255	Motor stroke
2	000-255	Motor fine adjustment

3	000-255	Auxiliary light R red bead dimming
4	000-255	Auxiliary light G green bead dimming
5	000-255	Auxiliary light B blue bead dimming
6	000-255	Main light yellow bead dimming

CH16 Channel instruction:

Channel	Channel value	Basic function
1	000-255	Motor stroke
2	000-255	Motor fine adjustment
3	000-255	Total dimming
4	000-255	Auxiliary light RGB strobe
5	000-255	Auxiliary light RGB macro color pattern
6	000-255	Auxiliary light RGB foreground color selection
7	000-255	Auxiliary light RGB macro self running
8	000-255	Auxiliary light RGB macro self-propelled speed
9	000-255	Yellow light strobe
10	000-255	Yellow light macro self-propelled
11	000-255	Yellow light macro self-propelled speed
12	000-255	R Red Beads Dimming
13	000-255	G Green Bead Dimming
14	000-255	B Blue Bead Dimming
15	000-255	W Yellow Bead Dimming
16	000-249/250-255	reset

CH146 Channel instruction:

Channel	Channel value	Basic function
1	000-255	Motor stroke
2	000-255	Motor fine adjustment
3	000-255	Linear dimming of the first red bead of the auxiliary lamp
4	000-255	The first green bead of the auxiliary lamp dims linearly
5	000-255	The first blue bead of the auxiliary lamp dims linearly
...	...      
108	000-255	The 36th red bead of the auxiliary lamp dims linearly
109	000-255	The 36th green bead of the auxiliary lamp dims linearly

110	000-255	The 36th blue bead of the auxiliary lamp dims linearly
111	000-255	Linear dimming of the first bead of the main lamp
112	000-255	Linear dimming of the second bead of the main lamp
...
146	000-255	Linear dimming of the 36th bead of the main light

● **Attention:**

Special precautions for installation: All suspended, suspended, high-altitude fixed, and horizontally placed lamps must be secured with a safety rope or other means for a second time during installation, in addition to the normal light hook fixation, to prevent falling and injuring people. The installation process without a second safety fix is a safety hazard and cannot be qualified for acceptance.