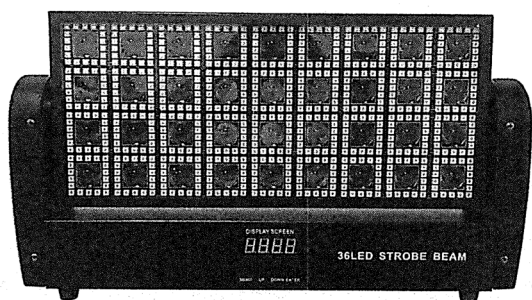


36 LED STROM BEAM Light

User's Manual



Thank you for using our products:

This manual contains important information about product use, installation and maintenance methods. Please read it carefully, install and operate as required, and please keep the manual properly for emergency. When this product is delivered, the performance and packaging are complete. All users shall strictly follow the warnings and operating instructions stated in this specification. Any damage caused by misuse is not within the Company's warranty. This manual is subject to technical changes without prior notice.



CAUTION
DO NOT OPEN THE HOUSING
SHOCK HAZARD



Please read this manual carefully before operating this product.



●Instructions for use:

When you receive the equipment, open the package and check whether the contents are complete and intact. If not, please inform the carrier immediately ; if it shows that the package is damaged, keep the package. Keep the packaging and all packing materials so that the devices can be transported safely.

●Packing list:

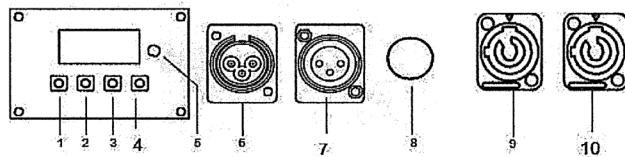
After unpacking, Please check the product is qualified, Count all accessories.

No.	Name	Quantity
1	36 LED STROM BEAM Light	1
2	Quick lock connection bridge	2
3	Power cord	1
4	Instruction manual	1

●Safety Precaution

- Do not use power cords with damaged insulation, and do not lap the power cord on other wires.
- The lamps and lanterns are cooled by strong wind, which is easy to accumulate dust, and must be cleaned once a month, especially the heat dissipation air outlet, otherwise it will be blocked by accumulated dust, leading to poor heat dissipation and making the lamps and lanterns appear abnormal.
- When installing the lamps and lanterns, the fixing screws must be tight, and with the addition of safety cable, and check regularly.
- When installing and positioning the light, any point on the surface of the light and any inflammable and explosive materials, keep the minimum distance of 10 meters, the distance from the irradiated material is 2.5 meters, please do not install the light directly on the surface of the combustible material.
- It is recommended that the continuous working time of the light should not exceed 10 hours, and the interval between successive starts of the light should not be less than 10 minutes, otherwise it will not be triggered properly due to the overheating protection of the bulb.
- Take care to clean the fan and fan mesh as well as the lens from time to time. To ensure the ventilation effect and lighting effect of the fixture.
- Intermittent use will effectively prolong the life of this fixture.
- Keep away from children and mentally disabled persons.

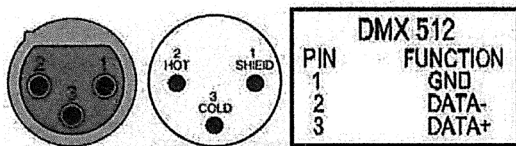
- Take care to clean the fan and fan mesh as well as the lens from time to time. To ensure the ventilation effect and lighting effect of the fixture.
- Please do not use organic solvents such as alcohol to rub the light shell to avoid damage.
- To ensure the service life of the product, this product should not be placed in a damp or leaky place, not to mention the temperature of more than 60 degrees above the environment work.
- The applicable voltage range of this product is 90 -240V , the change of power supply voltage should not exceed $\pm 10\%$, too high a voltage will shorten the life of the bulb, too low a voltage will affect the light color of the bulb.
- Lighted lamps need to be cooled down for 10 minutes after powering off before being powered up again for use. Failure to cool the bulb may result in failure to light the bulb again.



1. MENU 2.UP 3.DOWN 4.ENTER 5.DISPLAY SCREEN 6.DMX IN 7.DMX OUT 8.FUSE
9.POWER IN 10.POWER OUT

● The DMX controls the connection of the signals

DMX512 Three-core Cannon seat



If you want to use the DMX controller to control the lamp, you must first set the DMX address code, ranging between 1 and 512, so that the lamp can receive the DMX signal.

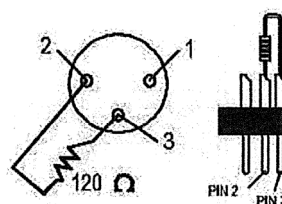
Press the MENU button , select "001" menu choice.press the ENTER

button to enter. Use UP / DOWN to select the DMX512 address code, and our factory value is set to "001". After the address code is set, hold down the ENTER button.

Connect from the output port of the DMX512 console to the DMX input port of the first slave, and from the DMX output port of the first slave to the DMX input port of the second slave, and so on until all the slave is connected.

● DMX-512 connection with terminal (loop connection)

During the installation process, it is recommended to use the DMX terminal (loop connection) if the signal line is laid for a long distance, or in a noisy electrical environment, such as the dance hall. This can avoid the digital control signal turbidity due to electrical noise. The DMX terminal is composed of a simple XLR connector with 2 cores and 3 cores connecting a 120 Ω resistance. Please insert the terminal into the XLR output port of the last product, please refer to the following figure.



● Technical Parameter:

Voltage: AC100~240V 50/60HZ

Lamp beads: 36PCS main light warm light lamp beads , 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: -20 ° C~50 ° C

Strobe frequency: 1-30Hz

Appearance: Metal, black

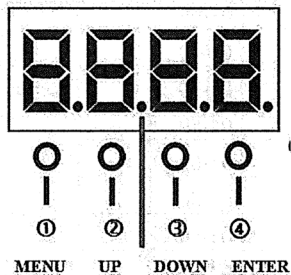
Connection method: DMX512 input/output/power input/output.

IP level: IP20

● 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 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).



Project	No	Silk-Screen	Function
Button:	①	MENU	Enter / view the menu function
	②	UP	On the key
	③	DOWN	Under the key
	④	ENTER	Go to the selected function / determination key

Main menu	Sub menu 1	Sub menu 2	Remark
Addr	d001~d512		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 CH146		Channel, press OK to enter sub menu 1, select the channel with the up or down keys, and press OK to save the channel.
AUTO	CP60	01-50	Press the confirm key to enter sub menu 1, select the self-propelled type with the up or down keys,
	CB50	01-50	
	CC50	01-50	
	CD50	01-50	
	CE50	01-50	
	CF50	01-50	

	0050	01-50	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.
	0150	01-50	
		01-50	
	0450	01-50	
	d450	01-50	
	db50	01-50	
		01-50	
	d450	01-50	
	EP50	01-50	
	Eb50	01-50	
		01-50	
	E950	01-50	
50Ud	5000~5255		Sound mode
5tAt			The auxiliary light is manually dimmed in red. 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.
	r000	r000~r255	
			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.
	0000	0000~0255	
			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.
	b000	b000~b255	
			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
	U000	U000~U255	

			maximum.
	0000	0000~0255	Manual adjustment of the auxiliary optical digital pattern, press OK to enter the sub menu 2, the up or down key to select the digital pattern, 000-255 digital pattern 1-9 from small to large.
	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.
	S000	S000~S255	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.
LED	OFF		Screen display 5s black out
	ON		Screen display always bright
DISP	OFF		Turn off Screen inverted display
	ON		Turn on Screen inverted display
RESET	YES		Reset
	NO		

●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 0001 to 255 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 warm white 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 pattern0-9
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	warm white strobe
10	000-255	warm white macro self-propelled
11	000-255	warm white 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 warm white Bead Dimming

16	250-255	reset
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● 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.

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