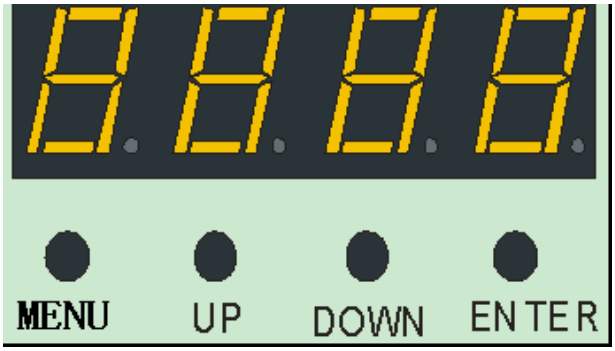
Definition of display panel and buttons



Menu keys: selecting functions
Up key: parameter increment
Down arrow: parameter decrement
Confirm key: Confirm and save

MENU UP DOWN ENTER

MENU

After powering on, press the menu button and the menu menu will appear in sequence; Press the up or down button to modify the function parameters, and press the confirm button to save the current function and parameters (with power down memory after saving).

Menu Menu：

A001	➡	A512	Set the address code, modify it up or down (A001~A512), and save it with the confirm button.
CH16	➡	CH16	Switch up or down the five channels CH03, CH16, CH22, CH28, and ch40, and save with the confirm button. Default CH16
A007	➡	N63	Auxiliary light effect mode, confirm key to save
S000	➡	S000	Modify the running speed of the auxiliary light effect up or down (S000~S255), and save with the confirm button.
E007	➡	E21	Middle main light mode, confirm key to save.
S000	➡	S255	Modify the running speed of the middle main beam (S000~S255) up or down, and save with the confirm button.
Soud	➡	Soud	Voice control mode.
R255	➡	R000	Adjust the brightness of the red light bead (R000~R255) up or down, and press the confirm button to save.
G255	➡	G000	G green light bead dimming, modify the brightness of the green light bead up or down (G000~G255), and confirm to save.
B255	➡	B000	B blue light bead dimming, modify the brightness of the blue light bead up or down (B000~B255), and confirm to save.
W255	➡	W000	W monochrome light brightness, modify the monochrome light brightness up or down (W000~W255), and confirm to save.

Master slave control

Two or more identical lighting fixtures are connected with a three core signal wire using a DMA.

All lighting fixtures are set to any address code from A001 to A512, with any one set as the host and the

other lighting fixtures 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.

Factory settings

When entering any address code from A001 to A512, press the menu button for 3 seconds to enter the factory settings. The factory settings mainly include the output power of each lamp, fan setting mode, temperature protection point setting, and parameter sending functions. In any mode, press the menu button for 3 seconds to exit。

Factory Settings Table：

R255	➡	R020	R red bead current setting, modify the hexagonal red bead current (R020-R255) up or down, and confirm to save.
G255	➡	G020	G green bead current setting, modify the hexagonal green bead current (G020-G255) up or down, and confirm to save.
B255	➡	B020	B blue bead current setting, modify the hexagonal blue bead current (B020-B255) up or down, and confirm to save.
W255	➡	W020	W monochrome lamp current setting, modify the monochrome lamp current setting up or down (W020~W255), and save with the confirm button.
FAN1	➡	FAN0	Fan setting: When the FAN0 light bead is on, start the fan. When FAN1 reaches the set temperature protection point, start the fan. Press the confirm button to save.
T040	➡	T-105	Set the temperature protection point, modify the parameters up or down (40 ℃~75 ℃), and press the confirm button to save.
Send	➡	Send	Send the factory setting parameters of the machine up or down to all other three core signal wires connected in parallel for lighting fixtures; Confirm sending parameters by pressing the menu button for 3 seconds

DMX512console

After powering on, set the address codes of all lighting fixtures. Connect all lighting fixtures in parallel with a three core signal wire to the DMX512 console, and the address codes will stop flashing, indicating that the DMX512 console signal has been sent to the lighting fixtures.

Use the DMX512 console to control relevant functions according to the instructions of each channel.

CH04Channel Description：

thoroughfare	channel value	basic function
1	000-255	The red light bead dims linearly.
2	000-255	Green bead linear dimming.
3	000-255	Blue bead dimming linearly.
4	000-255	White light beads linearly dimming.

CH16Channel Description：Factory default channel

thoroughfare	channel value	basic function
1	000-255	Total dimming
2	000-255	Red Green Blue Total Dimming
3	000-255	The red light bead dims linearly.
4	000-255	Green bead linear dimming.
5	000-255	Blue bead dimming linearly.
6	000-255	Red green blue strobe (0-9 has no effect, 10-255 accelerates)
7	000-255	Red, green, and blue modes. Effects (4 values per effect)
8	000-255	Red Green Blue Speed
9	000-255	Red Green Blue Background Color
10	000-255	Red Green Blue Background Dimming
11	000-255	White bead dimming
12	000-255	White light beads flickering
13	000-255	White light bead mode, effect (0-5 no effect) (12 values, 1 effect)
14	000-255	White light bead mold speed
15	000-255	Red green blue white composite pattern, effect
16	000-255	Red Green Blue White Combination (Speed)

CH21Channel Description：

thoroughfare	channel value	basic function
1	000-255	Total dimming
2	000-255	Red Green Blue Total Dimming
3	000-255	The red light bead dims linearly.
4	000-255	Green bead linear dimming.
5	000-255	Blue bead dimming linearly.
6	000-255	Red Green Blue Strobe
7	000-255	Red green blue mode. Effect (4 values and 1 effect)
8	000-255	Red Green Blue Speed

9	000-255	Red Green Blue - Background Color
10	000-255	Red Green Blue - Background Dimming
11	000-255	Linear dimming of white light beads in section 01.
12	000-255	Linear dimming of white light beads in section 02.
13	000-255	The white light bead of the third segment dims linearly.
14	000-255	Linear dimming of white light beads in section 04.
15	000-255	Linear dimming of white light beads in section 05.
16	000-255	Linear dimming of white light beads in section 06.
17	000-255	White light strobe
18	000-255	White light mode. Effect (0-5 useless. 12 values 1 effect)
19	000-255	White light speed
20	000-255	Red green blue white composite pattern. effect
21	000-255	Red Green Blue White Speed

CH24Channel Description：

1	000-255	Linear dimming of the red light beads in section 01.
2	000-255	Linear dimming of green light beads in section 01.
3	000-255	Linear dimming of blue light beads in section 01.
4	000-255	The second segment has a linear dimming of red light beads.
5	000-255	The green bead of the second segment dims linearly.
6	000-255	Linear dimming of blue light beads in section 02.
7	000-255	The third segment has a linear dimming of red light beads.
8	000-255	The green bead of the third segment dims linearly.
9	000-255	Linear dimming of blue light beads in section 03.
10	000-255	The 4th segment of the red light bead dims linearly.
11	000-255	Linear dimming of green light beads in section 04.
12	000-255	Linear dimming of blue light beads in section 04.
13	000-255	The 5th segment of the red light bead dims linearly.
14	000-255	Linear dimming of green beads in section 05.
15	000-255	Linear dimming of blue light beads in section 05.
16	000-255	The 6th segment of the red light bead dims linearly.
17	000-255	The 6th segment of the green light bead dims linearly.
18	000-255	Linear dimming of blue light beads in section 06.
19	000-255	Linear dimming of white light beads in section 01.
20	000-255	Linear dimming of white light beads in section 02.
21	000-255	The white light bead of the third segment dims linearly.
22	000-255	Linear dimming of white light beads in section 04.
23	000-255	Linear dimming of white light beads in section 05.
24	000-255	Linear dimming of white light beads in section 06.

CH36Channel Description：

1	000-255	Total dimming
2	000-255	Red Green Blue - Total Dimming
3	000-255	Linear dimming of the red light beads in section 01.
4	000-255	Linear dimming of green light beads in section 01.
5	000-255	Linear dimming of blue light beads in section 01.
6	000-255	The second segment has a linear dimming of red light beads.

7	000-255	The green bead of the second segment dims linearly.
8	000-255	Linear dimming of blue light beads in section 02.
9	000-255	The third segment has a linear dimming of red light beads.
10	000-255	The green bead of the third segment dims linearly.
11	000-255	Linear dimming of blue light beads in section 03.
12	000-255	The 4th segment of the red light bead dims linearly.
13	000-255	Linear dimming of green light beads in section 04.
14	000-255	Linear dimming of blue light beads in section 04.
15	000-255	The 5th segment of the red light bead dims linearly.
16	000-255	Linear dimming of green beads in section 05.
17	000-255	Linear dimming of blue light beads in section 05.
18	000-255	The 6th segment of the red light bead dims linearly.
19	000-255	The 6th segment of the green light bead dims linearly.
20	000-255	Linear dimming of blue light beads in section 06.
21	000-255	Red Green Blue Strobe
22	000-255	Red Green Blue Mode (4 values and 1 mode)
23	000-255	Red Green Blue - Speed
24	000-255	Background color
25	000-255	Background tone light
26	000-255	Linear dimming of white light beads in section 01.
27	000-255	Linear dimming of white light beads in section 02.
28	000-255	The white light bead of the third segment dims linearly.
29	000-255	Linear dimming of white light beads in section 04.
30	000-255	Linear dimming of white light beads in section 05.
31	000-255	Linear dimming of white light beads in section 06.
32	000-255	White Light - Strobe
33	000-255	White light mode, effect (0-5 useless. 12 values 1 effect)
34	000-255	White Light - Speed
35	000-255	Red green blue white composite pattern. effect
36	000-255	Red Green Blue White Speed

Mode effect

channel value	Mode code	effect
0-7	**0**	No effect
8-15	**1**	Effect 1
16-23	**2**	Effect 2
24-31	**3**	Effect Three
32-39	**4**	Effect Four
… ↓	… ↓	… … ↓
232-239	**29**	Effect 29
240-247	**30**	Mode code 1-29 cycles.
248-255	**31**	Voice control

Technical parameters:

Voltage: AC100~220V 50/60HZ
Power: 144 * 0.3W+6 * 50W - (Actual power: 200W)
Lamp beads: 144 5050 three color LED lamp beads+6 warm white COB lamp beads
Control mode: DMX512, self-propelled, master-slave, voice control, with RDM function.
Channels: CH04, CH16, CH22, CH28, CH40
Dimming: 32bit 0-100% linear dimming
Features: Dyeing+Explosion+Auxiliary Light
Working temperature: -30 ° C~50 ° C
Strobe frequency: 1-30Hz
Appearance: Metal, black
Connection method: DMX512 input/output/power input/output.
IP level: IP20
Size: Weight: