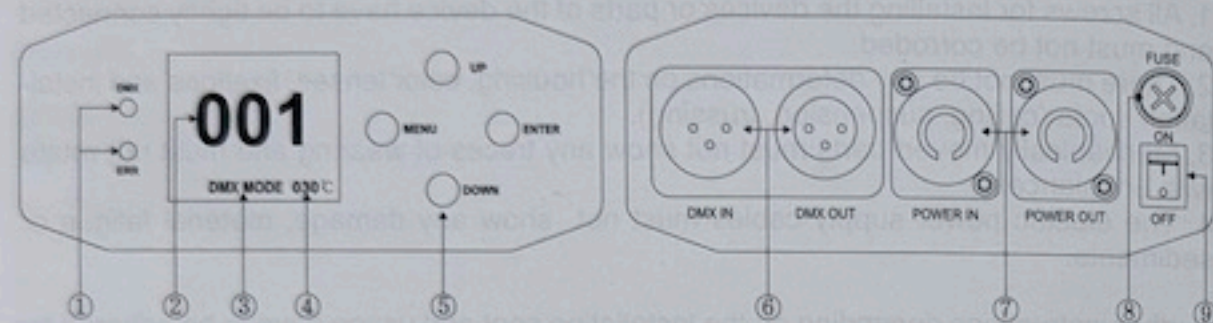


Introduction of the control panel



- ① DMX: DMX signal light / ERR: Error indicator
 ② Address code
 ③ Control mode
 ④ Lamp bead temperature
 ⑤ MENU: Enter to Main menu / ENTER: Confirm and save
 UP: Parameter increment / DOWN: Parameter decrement
 ⑥ DMX IN / DMX OUT
 ⑦ POWER IN / OUT
 ⑧ FUSE
 ⑨ POWER ON / OFF

Menu Functions

Main Menu	Sub- Menu	Menu function description
Settings	DMX Address	Adjust address code up/down (A001~A512), Enter to save
	Channel Mode	Switch CH30, CH38, CH99 up/down, Enter to save, Default: CH30
	Sound Sensitivity	Adjust sound sensitivity up/down (0~9), Enter to save, Default: 5
	Pan Inversion	Off / On, Default: Off
	Tilt Inversion	Off / On, Default: Off
	Pan/Tilt Encoder	Off / On, Default: On
	No DMX Signal	Clear / Hold
	Screen Always-on Time	10S / 20S / 40S / 60S / Always On
	Fan Operation Mode	Auto / Normally On
	Restore Factory Defaults	Confirm / Cancel
Mode	DMX	Console mode
	Auto	Auto mode
	Random	Random mode
	Sound	Sound mode

Manual	Pan	Pan motor stroke
	Pan fine	Fine adjust pan motor stroke
	Tilt	Tilt motor stroke
	Tilt fine	Fine adjust tilt motor stroke
	Pan/Tilt speed	Pan/Tilt motor speed
	Focus	Focus motor stroke
	Total dimmer	Total brightness
	Strobe	Strobe slow to fast
	Red	Red brightness
	Green	Green brightness
	Blue	Blue brightness
	White	White brightness
	Color temperature	Color temperature low to high
	Auto	Auto mode
	Auto speed	Auto effect speed
	Aux total dimmer	Aux total brightness
	Aux strobe	Aux strobe slow to fast
	Aux red	Aux red brightness
	Aux green	Aux green brightness
	Aux blue	Aux blue brightness
	Aux auto run	Aux auto mode
	Aux auto run speed	Aux auto speed
	LED strip total dimmer	Strip total brightness
	LED strip strobe	Strip strobe slow to fast
	LED strip red	Strip red brightness
	LED strip green	Strip green brightness
	LED strip blue	Strip blue brightness
	LED strip auto	Strip auto mode
	LED strip auto speed	Strip auto effect speed
	Red 1	Red 1 brightness
	Green 1	Green 1 brightness
	Blue 1	Blue 1 brightness
	White 1	White 1 brightness
	Red 2	Red 2 brightness
	Green 2	Green 2 brightness
	Blue 2	Blue 2 brightness
	White 2	White 2 brightness
	Red 3	Red 3 brightness
	Green 3	Green 3 brightness
	Blue 3	Blue 3 brightness
	White 3	White 3 brightness
Information	Software version	Mainboard version
	LED temperature	LED lamp temperature
	System error log	Motor reset fault record

Factory	Factory password	Up up down down up down 6-digit password
	Pan calibration	Adjust pan stroke up/down (000-255), Enter to save, default: 255
	Tilt calibration	Adjust tilt stroke up/down (000-255), Enter to save, default: 255
	Focus calibration	Adjust focus stroke up/down (000-255), Press enter to save, default 255
	Red power	Adjust red lamp brightness up/down (000-255), press enter to save, default 200
	Green power	Adjust green lamp brightness up/down (000-255), press enter to save, default 200
	Blue power	Adjust blue lamp brightness up/down (000-255), press enter to save, default 200
	White power	Adjust white lamp brightness up/down (000-255), press enter to save, default 200
	Focus stroke	Adjust red lamp brightness up/down (000-255), press enter to save, default 255
	Power reduction temperature	Adjust power reduction temperature (50°C~80°C), press enter to save, default 52°C
Language	Chinese/English	Switch Chinese/English Language
Reverse Display	Reverse Display	Reverse Display
Reset	Reset	Reset

DMX512 Control

30CH	Function	Value	Description
1	Pan	0-255	Horizontal pan motor stroke
2	Pan fine	0-255	Fine adjust horizontal pan motor stroke
3	Tilt	0-255	Vertical tilt motor stroke
4	Tilt fine	0-255	Fine adjust vertical tilt motor stroke
5	Pan/Tilt axis speed	0-255	Pan/Tilt motor speed
6	Focus	0-255	Focus motor stroke
7	Total dimming	0-255	Total brightness
8	Strobe	0-255	Strobe slow to fast
9	Red	0-255	Brightness
10	Green	0-255	Brightness
11	Blue	0-255	Brightness
12	White	0-255	Brightness
13	Color temperature	0-255	Color temperature low to high
14	RGBW run effect	0-15	No function
		16-31	Auto run mode 1
		32-47	auto run mode 2
		...	...
		224-239	Auto run mode 14
		240-255	Auto run mode 15
15	RGBW run effect speed	0-255	RGBW auto effect speed slow to fast
16	Aux total dimming	0-255	Aux master brightness
17	Aux strobe	0-255	Aux strobe slow to fast
18	Aux red	0-255	Aux brightness
19	Aux green	0-255	Aux brightness
20	Aux blue	0-255	Aux brightness
21	Aux auto effect	0-7	No function
		8-15	Aux character function
		16-17	Aux auto mode 1
		18-19	Aux auto run mode 2
		...	...
		248-249	Aux auto mode 117
		250-251	Aux auto mode 118
		252-253	Aux auto mode 119
22	Aux character select	254-255	Aux master auto
		0-6	Aux effect auto select
		7-13	Optional characters for aux character function (Color selected by RGB channel)
		...	...
		238-244	...
	Aux effect auto speed	0-255	Aux auto effect speed slow to fast
23	Strip total dimming	0-255	Strip total brightness
24	Strip strobe	0-255	Strip strobe slow to fast

25	Strip red	0-255	Strip brightness
26	Strip green	0-255	Strip brightness
27	Strip blue	0-255	Strip brightness
28	Strip auto effect	0-7	No function
		8-15	Strip auto mode 1
		16-23	strip auto mode 2
		...	...
		240-247	Strip auto mode 30
		248-255	Strip auto mode 31
29	Strip auto effect speed	0-255	Strip auto effect speed slow to fast
30	None	0-99	None
	Auto	100-119	Auto run
	Random auto	120-139	Random auto
	None	140-199	None
	Sound control	200-239	Sound control
	Reset	240-255	Fixture reset, reset within 8 seconds

38CH	Function	Value	Description
1	Pan	0-255	Horizontal pan motor stroke
2	Pan fine	0-255	Fine adjust horizontal pan motor stroke
3	Tilt	0-255	Vertical tilt motor stroke
4	Tilt fine	0-255	Fine adjust vertical tilt motor stroke
5	Pan/Tilt axis speed	0-255	Pan/Tilt motor speed
6	Focus	0-255	Focus motor stroke
7	Total dimming	0-255	Total brightness
8	Strobe	0-255	Strobe slow to fast
9	Red 1	0-255	Brightness
10	Green 1	0-255	Brightness
11	Blue 1	0-255	Brightness
12	White 1	0-255	Brightness
13	Red 2	0-255	Brightness
14	Green 2	0-255	Brightness
15	Blue 2	0-255	Brightness
16	White 2	0-255	Brightness
17	Red 3	0-255	Brightness
18	Green 3	0-255	Brightness
19	Blue 3	0-255	Brightness
20	White 3	0-255	Brightness
21	Color temperature	0-255	Color temperature low to high

22	RGBW auto effect	0-15	No function
		16-31	Auto run mode 1
		32-47	Auto run mode 2
		...	...
		224-239	Auto run mode 14
		240-255	Auto run mode 15
23	RGBW auto effect speed	0-255	RGBW auto effect speed slow to fast
24	Aux total dimming	0-255	Aux total brightness
25	Aux strobe	0-255	Aux strobe slow to fast
26	Aux red	0-255	Aux brightness
27	Aux green	0-255	Aux brightness
28	Aux blue	0-255	Aux brightness
29	Aux auto effect	0-7	No function
		8-15	Aux character function
		16-17	Aux auto mode 1
		18-19	Aux auto mode 2
		...	...
		248-249	Aux auto mode 117
		250-251	Aux auto mode 118
		252-253	Aux auto mode 119
		254-255	Aux total auto
30	Aux character select	0-6	Aux effect auto select
		7-13	Optional characters for aux character function
		...	(Color selected by rgb channel)
		238-244	
		245-255	
	Aux effect auto speed	0-255	Aux auto effect speed slow to fast
31	Strip total dimming	0-255	Strip total brightness
32	Strip strobe	0-255	Strip strobe slow to fast
33	Strip red	0-255	Strip brightness
34	Strip green	0-255	Strip brightness
35	Strip blue	0-255	Strip brightness
36	Strip auto effect	0-7	No function
		8-15	Strip auto mode 1
		16-23	strip auto mode 2
		...	...
		240-247	Strip auto mode 30
		248-255	Strip auto mode 31
37	Strip auto effect speed	0-255	Strip auto speed slow to fast
38	None	0-99	None
	Auto	100-119	Auto
	Random auto	120-139	Random auto
	None	140-199	None
	Sound control	200-239	Sound
	Reset	240-255	Fixture reset, reset within 8 seconds

99CH	Function	Value	Description
1	Pan	0-255	Horizontal pan motor stroke
2	Pan fine	0-255	Fine adjust horizontal pan motor stroke
3	Tilt	0-255	Vertical tilt motor stroke
4	Tilt fine	0-255	Fine adjust vertical tilt motor stroke
5	Pan/Tilt axis speed	0-255	Pan/Tilt motor speed
6	Focus	0-255	Focus motor stroke
7	Total dimming	0-255	Total brightness
8	Strobe	0-255	Strobe slow to fast
9	Red	0-255	Brightness
10	Green	0-255	Brightness
11	Blue	0-255	Brightness
12	White	0-255	Brightness
13	Color temperature	0-255	Color temperature low to high
14	RGBW auto effect	0-15	No function
		16-31	Auto mode 1
		32-47	Auto mode 2
		...	...
		224-239	Auto mode 14
		240-255	Auto mode 15
15	RGBW auto effect speed	0-255	RGBW auto effect speed slow to fast
16	Aux total dimming	0-255	Aux total brightness
17	Aux strobe	0-255	Aux strobe slow to fast
18	Aux red	0-255	Aux brightness
19	Aux green	0-255	Aux brightness
20	Aux blue	0-255	Aux brightness
21	Aux auto effect	0-7	No function
		8-15	Aux character function
		16-17	Aux auto mode 1
		18-19	Aux auto mode 2
		...	...
		248-249	Aux auto mode 117
		250-251	Aux auto mode 118
		252-253	Aux auto mode 119
		254-255	Aux total auto
22	Aux character select	0-6	Aux effect auto select
		7-13	Optional characters for aux character function
		...	(Color selected by rgb channel)
		238-244	
		245-255	
	Aux effect auto speed	0-255	Aux auto effect speed slow to fast
23	Strip total dimming	0-255	Strip total brightness
24	Strip strobe	0-255	Strip strobe slow to fast

25	Strip red	0-255	Strip brightness
26	Strip green	0-255	Strip brightness
27	Strip blue	0-255	Strip brightness
28	Strip auto effect	0-7	No function
		8-15	Strip auto mode 1
		16-23	strip auto mode 2
		...	...
		240-247	Strip auto mode 30
		248-255	Strip auto mode 31
29	Strip auto effect speed	0-255	Strip auto effect speed slow to fast
30	None	0-99	None
	Auto	100-119	Auto
	Random auto	120-139	Random auto
	None	140-199	None
	Sound control	200-239	Sound control
	Reset	240-255	Fixture reset, reset within 8 seconds
31	Red 1	0-255	Brightness
32	Green 1	0-255	Brightness
33	Blue 1	0-255	Brightness
34	White 1	0-255	Brightness
35	Red 2	0-255	Brightness
36	Green 2	0-255	Brightness
37	Blue 2	0-255	Brightness
38	White 2	0-255	Brightness
39	Red 3	0-255	Brightness
40	Green 3	0-255	Brightness
41	Blue 3	0-255	Brightness
42	White 4	0-255	Brightness
43	Aux red 1 dimming	0-255	Aux red 1 dimming dark to bright
44	Aux green 1 dimming	0-255	Aux green 1 dimming dark to bright
45	Aux blue 1 dimming	0-255	Aux blue 1 dimming dark to bright
46	Aux red 2 dimming	0-255	Aux red 2 dimming dark to bright
47	Aux green 2 dimming	0-255	Aux green 2 dimming dark to bright
48	Aux blue 2 dimming	0-255	Aux blue 2 dimming dark to bright
...	...	0-255	...
94	Aux red 18 dimming	0-255	Aux red 18 dimming dark to bright
95	Aux green 18 dimming	0-255	Aux green 18 dimming dark to bright
96	Aux blue 18 dimming	0-255	Aux blue 18 dimming dark to bright
97	Aux red 19 dimming	0-255	Aux red 19 dimming dark to bright
98	Aux green 19 dimming	0-255	Aux green 19 dimming dark to bright
99	Aux blue 19 dimming	0-255	Aux blue 19 dimming dark to bright