

---

# 12 LED focus longstrip lights

## KLY-1240N



***Please read this instruction manual carefully before use***



# Catalogue

1、 Display the panel and the key definition

2、 Menu features

3、 Master and from machine control

4、 DMX512 Control

5、 technical parameter

6、 Fault analysis and maintenance

# 1, Display the panel and the key definition

Order key: enter / return to the main menu

Up key: menu function selection up / parameter pass add

Down key: Menu function select down / parameter parameters

Conkey: Select the menu function and save the menu function parameters.

## 二、Menu features

After the machine is reset, press the menu key and enter the main menu (exit after 30 seconds on the main menu interface), see the main menu function table (5 main menu options); select the main menu up or down, enter the function parameters of each menu, and then press the confirmation key to save the current function parameters (have the power loss memory after saving).

primary menu	submenu	Menu function description
1、System Settings	1、 DMX address	Change DMX address code (address code optional range 001-512), confirm key save, default 001.
	2、 encipheror	Up or down to modify the encoder on / off, confirm the key to save, turn on by default.
	3、 X reversal	Modify up or down X reverse on / off, confirm the key is saved, off by default.
	4、 Y reversal	Up or down Y reverse on / off, confirm the key is saved, off by default.
	5、 advanced setup	
2、 Run mode	1、 running mode	Up or down select running mode DMX / voice / automatic, confirm key save, default DMX.
	2、channel selection	Select channel CH24 up or down, CH144 confirm to save, default CH24.
3, manual control	1. Y-axis	Modify the parameter value up or down (adjustable range 000-255), confirm key save, default 000.
	2. Y Fine-tune	Modify the parameter value up or down (adjustable range 000-255), confirm save, default 000.
	3, Y speed	Modify the parameter value up or down (adjustable range 000-255), save the confirm key, default 000.
	4. Focus	Modify the parameter value up or down (adjustable range 000-255), confirm key save, default 000.
	5. Dimmer	Modify the parameter value up or down (adjustable range 000-255), confirm the key to save, the default 000.
	6.A stroboflash	Change the value of the parameter in the upward or downward direction (the adjustable
	7. A red	Up or down to modify the red lamp bead brightness (adjustable range 000-255), confirm the key to save, the default 000.
	8. A Green	Up or down to modify the green lamp bead brightness (adjustable range 000-255), confirm the key to save, the default 000.
	9. A Blue	Up or down to modify the blue lamp bead brightness (adjustable range 000-255), confirm the key to save, the default 000.
	10. A White	Modify the brightness of the white lamp bead up or down (adjustable range 000-255) ,

		confirm save, default 000.	
	11, A mode	Modify the parameter value up or down (adjustable range 000-255), confirm key save, default 000.	
	12, A speed	Modify the parameter value up or down (adjustable range 000-255), confirm save, default 000.	
	13.ABackground color	Modify the parameter value up or down (adjustable range 000-255), confirm key save, default 000.	
	14.ABackground tone light	Change the value of the parameter in the upward or downward direction (the adjustable range is 000-255), and save the confirmation key. The default value is 000.	
	15,BStroboscopic	Modify the parameter value up or down (adjustable range 000-255), save the confirm key, default 000.	
	16, B red	Modify the red lamp bead brightness up or down (adjustable range 000-255), save the confirm key, the default is 255.	
	17. B Green	Modify the green lamp bead brightness up or down (adjustable range 000-255), save the confirm key, the default is 255.	
	18, B blue	Up or down to modify the blue lamp bead brightness (adjustable range 000-255), the confirm key to save, the default 255.	
	19, B mode	Modify the parameter value up or down (adjustable range 000-255), save the confirm key, default 000.	
	20, B speed	Modify the parameter value up or down (adjustable range 000-255), save the confirm key, default 000.	
	21, B direction	Modify the parameter value up or down (adjustable range 000-255), save the confirm key, default 000.	
	22,B background color	Change the value of the parameter in the upward or downward direction (the adjustable range is 000-255), and save the confirmation key. The default value is 000.	
	23,B Background tone light	Modify the parameter value up or down (adjustable range 000-255), confirm key save, default 000.	
	24. Reset	Yes/No	
<b>4,Display Settings</b>	1.Language selection	Up or down select Chinese /EN (English), confirm the key to save, the default Chinese.	
	2.Backward display setting	Select up or down to turn off/turn on the rewind setting, save with the confirm key and turn off by default.	
	3 Screen Saver	Select up or down to turn off/turn on screen saver, confirm save, turn on by default.	
	4,softwareversion	069C program ID code, not modifiable.	
<b>5,factorySettings</b>	Display pleaseenter password!	1.Y-axis calibration	Modify the parameter up or down (range 000-255), save the confirm key, default 128.
		2. Focus 1	Modify the parameter up or down (range 000-255), save the confirm key,

Change it up or down to 138 and press the Confirm button again to go to Factory Settings.	Calibrate	
	3, Focus 2 Calibrate	Modify Focus 2 Calibration (000-255) up or down and save with the confirmkey, default 128.
	4.Focus stroke	Modify the focusing stroke (000-255) up or down, save by the confirm key,the default is 128.
	5. Red	Modify the red lamp bead current (032-255) up or down, save by the confirm key, default 252.
	6. Green	Modify the green lamp bead current (032-255) up or down, confirm save, default 252.
	7. Blue	Up or down to modify the blue lamp bead current (032-255), the confirm key to save, the default 252.
	8. White	Modify the white lamp bead current (032-255) up or down, confirm save, default 252.
	9.LEDNum	Select 000/0012 up or down and save with the confirm key, default 001.
	10. Current	Select 000/007 up or down and confirm save, default 004.
	11. Speed	Select 000/007 up or down and confirm save, default 000.
	12. LOGO	L Up or down select 000/001, confirm save, default 000.
	13.Temperature	Modify the temperature parameter up or down (range 40-70), and save by the confirm key. The default is 065.
	14.Temperature-Fan	Select up or down to turn off/on Temperature - fan control, save with the confirm key and turn on by default.
	15. LED	LED lamp bead order select LEDA/LEDB

### 3. Master-slave machine control

There are 2 or more of the same lamps with DMX three-core signal cable connection, all lamps are modified to 001~512 arbitrary address code, set any one as the host, other lamps are the slave machine, all slave machine display does not blink; Use the host to adjust the gradual change, pulse change, jump, voice control, self-walking effect, all the slave machine synchronous gradual change, pulse change, jump, voice control, self-walking effect.

Special attention: 1, a group of lamps can only set a host, if there are multiple hosts, all lamps will flash and not synchronized.

2, all lamps must be in the DMX512 console when the master and slave machine has a role.

### 4. DMX512 Control

The address code of all the lamps is set, all the lamps are connected to the DMX512 console in parallel with DMX three-core signal lines, the address code stops blinking, indicating that the DMX512 console signal has been sent to the lamps, and the DMX512 console control related functions according to the channel instructions

#### CH24 channel description:

passage	The channel value	Basic function
1	000-255.	X-axis

2	000-255.	Y Trimmer
3	000-255.	Y Speed
4	000-255.	Focusing
5	000-255.	Dimming
6	000-255.	Main light stroboscopic
7	000-255.	Master Light R
8	000-255.	Main Light G
9	000-255.	Main Light B
10	000-255.	Main Light W
11	000-255.	Master light mode
12	000-255.	Master light speed
13	000-255.	Main light background color
14	000-255.	Main light Background tone light
15	000-255.	Auxiliary light stroboscopic
16	000-255.	Auxiliary Light R
17	000-255.	Auxiliary Light G
18	000-255.	Auxiliary Light B
19	000-255.	Auxiliary light mode
20	000-255.	Auxiliary light speed
21	000-255.	Auxiliary light direction
22	000-255.	Auxiliary light background color
23	000-255.	Auxiliary light background tone light
24	000-255.	Reset: The parameter value is 150-255 The whole machine reset, the console parameter value must be pulled below 10, and then pushed to 150-255 to be useful, the parameter value is useless in 000-149, it can not be reset.

### CH144 channel description:

pass age	The channel value	基本功能
1	000-255	X-axis
2	000-255	Y Trimmer
3	000-255	Y Speed
4	000-255	Focusing
5	000-255	Dimming
6	000-255	Main light stroboscopic
7	000-255	Master Light R
8	000-255	Main Light G
9	000-255	Main Light B
10	000-255	Main Light W
11	000-255	Master light mode
12	000-255	Master light speed

13	000-255	Main light background color
14	000-255	Main light Background tone light
15	000-255	Auxiliary light stroboscopic
16	000-255	Auxiliary Light R
17	000-255	Auxiliary Light G
18	000-255	Auxiliary Light B
19	000-255	Auxiliary light mode
20	000-255	Auxiliary light speed
21	000-255	Auxiliary light direction
22	000-255	Auxiliary light background color
23	000-255	Auxiliary light background tone light
24	000-255	Reset: The parameter value is 150-255 The whole machine reset, the console parameter value must be pulled below 10, and then pushed to 150-255 to be useful, the parameter value is useless in 000-149, it can not be reset.
25	000-255	Main Light R1
26	000-255	Main Light G1
27	000-255	Main Light B1
28	000-255	Main light W1
29	000-255	Master Light R2
30	000-255	Main Light G2
31	000-255	Main light B2
32	000-255	Main Light W2
33	000-255	Master Light R3
34	000-255	Main Light G3
35	000-255	Main Light B3
36	000-255	Main Light W3
37	000-255	Main Light R4
38	000-255	Main Light G4
39	000-255	Main Light B4
40	000-255	Main Light W4
41	000-255	Main Light R5
42	000-255	Main Light G5
43	000-255	Main Light B5
44	000-255	Main Light W5
45	000-255	Main Light R6
46	000-255	Main Light G6
47	000-255	Primary light B6
48	000-255	Main Light W6
49	000-255	Main Light R7
50	000-255	Main Light G7

51	000-255	Main Light B7
52	000-255	Main Light W7
53	000-255	Main Light R8
54	000-255	Main Light G8
55	000-255	Main Light B8
56	000-255	Main Light W8
57	000-255	Main Light R9
58	000-255	Main Light G9
59	000-255	Main Light B9
60	000-255	Main Light W9
61	000-255	Main Light R10
62	000-255	Main Light G10
63	000-255	Primary light B10
64	000-255	Main Light W10
65	000-255	Main Light R11
66	000-255	Main Light G11
67	000-255	Main Light B11
68	000-255	Main Light W11
69	000-255	Main Light R12
70	000-255	Main Light G12
71	000-255	Main Light B12
72	000-255	Main Light W12
73	000-255	Auxiliary Light R1
74	000-255	Auxiliary Light G1
75	000-255	Auxiliary Light B1
76	000-255	Auxiliary Light R2
77	000-255	Auxiliary Light G2
78	000-255	Auxiliary Light B2
79	000-255	Auxiliary light R3
80	000-255	Auxiliary Light G3
81	000-255	Auxiliary Light B3
82	000-255	Auxiliary Light R4
83	000-255	Auxiliary Light G4
84	000-255	Auxiliary Light B4
85	000-255	Auxiliary Light R5
86	000-255	Auxiliary Light G5
87	000-255	Auxiliary Light B5
88	000-255	Auxiliary Light R6
89	000-255	Auxiliary light G6
90	000-255	Auxiliary light B6
91	000-255	Auxiliary Light R7
92	000-255	Auxiliary Light G7

93	000-255	Auxiliary light B7
94	000-255	Auxiliary Light R8
95	000-255	Secondary G8
96	000-255	Auxiliary light B8
97	000-255	Auxiliary Light R9
98	000-255	Auxiliary light G9
99	000-255	Auxiliary light B9
100	000-255	Auxiliary Light R10
101	000-255	Auxiliary Light G10
102	000-255	Auxiliary light B10
103	000-255	Auxiliary Light R11
104	000-255	Auxiliary Light G11
105	000-255	Auxiliary Light B11
106	000-255	Auxiliary Light R12
107	000-255	Auxiliary Light G12
108	000-255	Auxiliary light B12
109	000-255	Auxiliary Light R13
110	000-255	Auxiliary Light G13
111	000-255	Auxiliary light B13
112	000-255	Auxiliary Light R14
113	000-255	Auxiliary Light G14
114	000-255	Auxiliary Light B14
115	000-255	Auxiliary Light R15
116	000-255	Auxiliary Light G15
117	000-255	Auxiliary Light B15
118	000-255	Auxiliary light R16
119	000-255	Auxiliary Light G16
120	000-255	Auxiliary Light B16
121	000-255	Auxiliary Light R17
122	000-255	Auxiliary Light G17
123	000-255	Auxiliary Light B17
124	000-255	Auxiliary Light R18
125	000-255	Auxiliary Light G18
126	000-255	Auxiliary Light B18
127	000-255	Auxiliary Light R19
128	000-255	Auxiliary Light G19
129	000-255	Auxiliary Light B19
130	000-255	Auxiliary Light R20
131	000-255	Auxiliary Light G20
132	000-255	Auxiliary Light B20
133	000-255	Auxiliary Light R21
134	000-255	Auxiliary light G21

135	000-255	Auxiliary Light B21
136	000-255	Auxiliary Light R22
137	000-255	Auxiliary Light G22
138	000-255	Auxiliary Light B22
139	000-255	Auxiliary Light R23
140	000-255	Auxiliary Light G23
141	000-255	Auxiliary light B23
142	000-255	Auxiliary Light R24
143	000-255	Auxiliary Light G24
144	000-255	Auxiliary Light B24

## 5,technical parameters:

Voltage: AC100~240V

50/60HZ Power: 500W

Control mode: DMX512, self-walking, master-slave, voice control, with RDM function. Channel: CH24, CH144

Dimming: 32bit 0~100% linear dimming

Features: Y shake head + beam + flash + auxiliary

light Operating temperature: -30 degrees ~50 degrees

Stroboscopic frequency: 1~30HZ

Appearance: Metal, black

Connection: DMX512 Input/Output/Power

input/Output. IP class: IP20

## 6, Fault analysis and maintenance:

In case of serious problems, please immediately deactivate, please ask professional inspection

Questions	Possible reasons
Lamps fail to power on	A. Check that the power cord is connected correctly
	B, 2A fuse is damaged
	C. The switching power supply is damaged
DMX is not controlled	A. The display board is damaged
	B. DMX Cannon signal board is damaged
The lamp bead does not work	A. The lamp bead board is damaged
	B. The wiring of the lamp bead board is damaged