

PIXEL STROBE 112

A versatile and powerful strobe light for a variety of entertainment venues.

USER MANUAL

CE IP20

Indoor



REV 1.0 - 24

English Version

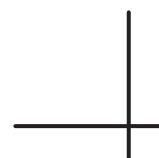


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Caution!



Be careful with your operations. With a dangerous voltage you can suffer a dangerous electric



For your own safety, please read this user manual carefully before you initial start-up. Follow operating safety precautions and pay attention to warning signs methods and equipment



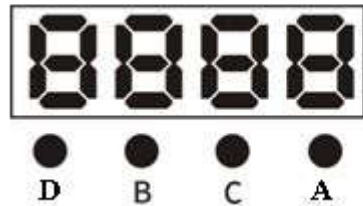
T =45°C

Indoor use only! To prevent risk of fire or shock, do not expose this product to rain or moisture. IP 20 rating.

The ambient temperature must be maintained between -5° C and +45° C at all times. Every person involved with the installation, operation and maintenance of this device has to

- be qualified
- follow the instructions of this manual
- consider this manual to be part of the total product
- keep this manual for the entire service life of the product
- pass this manual on to every further owner or user of the product
- download the latest version of the user manual from the Internet

Display panel and key definition



Menu key: Selection function
 Upper key: parameter recursion
 Down key: parameter decrement
 Confirm key: identify and save

Menu functions

Press menu key after power on, menu function table appears in turn; modify function parameter up or down key, confirm key to save current function and parameter (have power down memory after saving).

Menu Function Sheet:

Display	Adjustment	Function
A001	A512	Modify address code (A001~A 512) up or down, confirm key save, default A001.
C003	C336	Switch up or down C003、C011、C336 three channels, confirm key save, default C011.
I000	I255	Modify character 1 effect up or down (vertical center display (with JXXX character 2 on the left), a total of 127 effects, confirm key save, default I000.
J000	J255	Up or down modify character 2 effect, horizontal center display (with IXXX character 1 to the right display), a total of 127 effects, confirm key save, default J000.
N000	N255	There are 127 built-in effects (one effect M000~M255, every 2 values), switch built-in effects up or down, confirm key save, default M000.

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Display	Adjustment	Function
S000	S255	Up or down modify built-in effect speed (S000~S255), confirm key save, default S000.
K000	K255	Up or down modify the built-in effect running direction (K000~K255, value 0~127,128,255 positive and negative direction), confirm key save, default K000.
L000	L255	Change the color of the built-in effect up or down ,32 values for one color, and the last 32 values for 7 colors automatically (dynamic mode effect), default L000.
R255	R000	Modify red bead brightness (R000~R255) up or down, confirm key save, default R255.
G255	G000	Modify green bead brightness (G000~G255) up or down, confirm key save, default G255.
B255	B000	Modify blue bead brightness (B000~B255) up or down, confirm key save, default B255.
T000		Show temperature, if T045 indicates current lamp temperature is 45°C ; no 10 thermistor installed, display T000.

Master-slave control

Two or more of the same lamps are connected with DMX three-core signal lines, the lamps are set to A001~A512 any address code, any one is set as the main engine, the other lamps are slave machines, all slave display screens do not flicker; when using the main engine gradient, pulse change, jump, sound control, self-walking effect, all slave synchronous gradient, pulse change, jump, sound control, self-walking effect.

Special note :1, a group of lamps can only set up one host, if there are more than one host, all lamps will flash and out of sync.

2. all lamps must be in the DMX512 console when the master-slave machine to function.

Plant settings

A001~A512 any address code, press the menu key for 5 seconds to enter the factory settings. The factory setting is mainly the function of output power per circuit of lamp, fan setting mode, setting temperature protection point, sending parameter, factory setting any mode press menu key for 5 seconds to exit.

Factories:

Adjustment	Function
R255-R032	Modify red bead current (R032-R 255) up or down, confirm key save, default R220.
G255-G032	Modify green bead current (G 032-G255) up or down, confirm key save, default G220.
B255-B032	Modify blue bead current (B 032-B255) up or down, confirm key save, default B220.
FAN0-FAN1	Fan setting: FAN0 the lamp bead to start the fan, FAN1 reach the set temperature protection point to start the fan, confirm the key to save.
T040-T-105	Set temperature protection point, modify parameters up or down (40°C ~105°C), press confirm key to save.
Send	Send up or down the local factory setting parameters to all other three-core signal lines connected in parallel lamps (5 seconds online display flashing once to indicate successful transmission); confirm the sending parameters by pressing the menu key for 5 seconds to exit, Deny the parameter by pressing the confirmation key to cancel the send.

DMX512 console

When the address code of all lamps is set up, all lamps are connected to the DMX512 console in parallel with three-core signal lines, and the address code will stop flashing, indicating that the DMX512 console signal has been sent to the lamp. Control related functions with DMX512 console according to channel instructions.

C003 channel description:

Channels	Channel value	Basic functions
1	000-255	R red lamp bead linear dimming
2	000-255	G green bead linear dimming
3	000-255	B blue light bead linear dimming

C011 channel description:

Channels	Channel value	Basic functions
1	000-255	Total dimming
2	000-255	Frequency flash
3	000-255	Character 1, number, letter, symbol a total of 127, vertical center display (at the same time with 4 channel character 1 on the left display).
4	000-255	Character 2, number, letter, symbol a total of 127, horizontal center display (at the same time with 3 channel character 2 on the right display).
5	000-255	Patterns, with precedence over characters 1 and 2(see :6 for details)
6	000-255	Speed
7	000-255	direction bar, mode effect running direction (values 0~127,128~255 positive and negative directions)
8	000-255	Color bar, the color of the pattern effect ,32 values a color, the last 32 values for 7 colors automatically change (dynamic mode effect has a role).
9	000-255	R red lamp bead linear dimming
10	000-255	G green bead linear dimming
11	000-255	B blue light bead linear dimming

C336 channel description:

Channels	Channel value	Basic functions
1	000-255	R paragraph 1 Red bead linear dimming
2	000-255	G paragraph 1 Green bead linear dimming
3	000-255	B paragraph 1 Blue bead linear dimming
...	...	
334	000-255	R paragraph 112 red bead linear dimming
335	000-255	G paragraph 112 Green bead linear dimming
336	000-255	B paragraph 112 Blue bead linear dimming

Model effects

Channel value	Model code	Effect
0-1	0	No effect
2-3	1	Vertical center display number 0~9, can push direction bar or color bar change direction and color, can push RGB change background color.
4-5	2	Vertical center display uppercase letters A~Z, push forward bar or color bar to change direction and color, push RGB change background color.
6-7	3	The horizontal center displays the number 0~9, the uppercase letter A~Z, can push the direction bar or the color bar to change the direction and the color, may push RGB change the background color.
8-9	4	Color selection, color selection

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Channel value	Model code	Effect
10-11	5	Gradient
12-13	6	Pulse
14-15	7	Jump
16-17	8	A column of monochromatic running from left to right, can push the direction bar or color bar to change the direction and color, can push RGB change the background color.
18-19	9	A column of monochromatic refresh from left to right, can push the direction bar or color bar change direction and color, can push RGB change the background color.
20-21	10	A column of monochrome accumulates from left to right, can push the direction bar or color bar to change the direction and color, can push RGB change the background color.
22-23	11	Monochromatic from the upper left, around the middle serpentine filling, can be pushed to the bar or color bar to change the direction and color, can be pushed RGB change the background color.
24-25	12	Two monochromatic V type move up and down, can push direction bar or color bar to change direction and color, can push RGB change background color.
26-27	13	Two monochromatic rhombus move left and right, can push direction bar or color bar change direction and color, can push RGB change background color.
28-29	14	A monochromatic key pattern from left to right, a monochromatic heart pattern from right to left, can be pushed forward bar or color bar change direction and color, can be pushed RGB change the background color.
30-31	15	A part of monochrome Chinese font from left to right, the other part of monochrome Chinese font from right to left, constitute "China" two characters display, can push the direction bar or color bar change direction and color, can push RGB change the background color.
32-33	16	A single color moves from top to bottom, the other column red moves from right to left, can push the direction bar or color bar to change the direction and color, can push RGB change the background color.
34-35	17	Bilateral monochromatic track moves from left to right, can push direction bar or color bar to change direction and color, can push RGB change background color.
36-37	18	Bilateral monochromatic runway moves from left to right, can push direction bar or color bar to change direction and color, can push RGB change background color.
38-39	19	Monochrome arrow moves from left to right, can push direction bar or color bar to change direction and color, can push RGB change background color.
40-41	20	Monochromatic pulse wave moves from left to right, can push direction bar or color bar to change direction and color, can push RGB change background color.
42-43	21	A monochromatic tail starts from the upper left and moves around to the middle snake shape. It can be pushed to change the direction and color of the bar or color bar, and can be pushed RGB changed the background color.
44-45	22	Four colors and four sine waves move from left to right, push the bar to change direction, push RGB change the background color.
46-47	23	From the upper left to the lower right, one color refreshes the other color and can be pushed to the bar to change direction.
48-49	24	A column of monochrome moves back and forth, there is deformation in the movement, can push the direction bar or color bar to change the direction and color, can push RGB change the background color.
50-51	25	Multicolor gradient strip from left to right flow, can be pushed to change the direction of the bar, can be pushed RGB change the background color.

Channel value	Model code	Effect
52-53	26	Multicolor gradient strip from the bottom up water, can be pushed to change the direction of the bar, can be pushed RGB change the background color.
54-55	27	Multi-color gradient colorful water, can be pushed to change the direction of the bar.
56-57	28	Multicolor gradient left corner to the upper right corner of the flow, can be pushed to change the direction of the bar.
58-59	29	Multicolor gradient shrinks to the middle, pushing RGB changing the background color.
60-61	30	Multi-color gradient spreading right
62-63	31	Multicolor gradient bar from top to bottom, can be pushed RGB change the background color.
64-65	32	Colorful sine wave from right to left, can be pushed to change the direction of the bar, can be pushed RGB change the background color.
66-67	33	Monochromatic sine wave from right to left, can push direction bar or color bar change direction and color, can push RGB change background color.
68-69	34	Color up and down sine, can be pushed to change the direction of the bar, can be pushed RGB change the background color.
70-71	35	Seven color left and right sine, can push the direction bar to change the direction, can push RGB change the background color.
72-73	36	Colorful gradient pendulum tail, can be pushed to change the direction of the bar, can be pushed RGB change the background color.
74-75	37	Multicolor gradient two ellipse extension, can push RGB change the background color.
76-77	38	Multicolor gradient single ellipse extension, can be pushed RGB changed background color.
78-79	39	Multicolor gradient single ellipse shrink, can be pushed RGB changed background color.
80-81	40	Multicolor gradient left and right two circles outspread, can be pushed RGB changed the background color.
82-83	41	Multi-color full-color gradual square explosion.
84-85	42	Multi-color gradient diamond ring outward.
86-87	43	Multicolor gradient square to expand, can be pushed RGB change the background color.
88-89	44	Multicolor gradual flash up and down the same direction center reverse, can push the direction bar change direction, can push RGB change the background color.
90-91	45	Multicolor gradient a touch of light and shadow, can be pushed to change the direction of the bar, can be pushed RGB change the background color.
92-93	46	Multicolor gradual explosion, can push RGB change the background color.
94-95	47	Multi-color gradient three-color rotation, square contraction.
96-97	48	Gradient multi-color left and right direction rotation at the same time, can push the direction bar change direction, can push RGB change the background color.
98-99	49	Multicolor gradient left open right close, can push the bar to change the direction, can push RGB change the background color.
100-101	50	Multicolor gradient multiple squares spread both sides, can push RGB change the background color.
102-103	51	Multicolor gradient up and down, can be pushed RGB change the background color.
104-105	52	Multicolor gradient three ellipses expand outward.
106-107	53	Monochromatic gradual diamond wave moves outward, can push color bar to change color, can push RGB change background color.
108-109	54	Double color gradual diamond wave moves inward, can push RGB change the background color.
110-111	55	Double color gradual diamond wave moves outward, can push RGB change the background color.

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Channel value	Model code	Effect
112-113	56	Multi-color gradient rhombus internal contraction.
114-115	57	Multicolor gradual diamond explosion.
116-117	58	Multicolor gradient three squares spread, can push RGB change the background color.
118-119	59	Monochromatic gradual square shrink, can push color bar change color, can push RGB change background color.
120-121	60	Monochromatic gradual square explosion, can push color bar change color, can push RGB change the background color.
122-123	61	Color gradient square inward, can be pushed RGB changed the background color.
124-125	62	Color gradient square outward explosion, can be pushed RGB changed the background color.
126-127	63	Color gradient square inward, can be pushed RGB change the background color.
128-129	64	Color gradient square outward explosion, can be pushed RGB change the background color.
130-131	65	Color gradient box shrink, can be pushed RGB change the background color.
132-133	66	Color gradient box explosion, can be pushed RGB changed background color.
134-135	67	Multicolor gradual square explosion, can be pushed RGB changed the background color.
136-137	68	Color gradient square shrink, can be pushed RGB changed the background color.
138-139	69	Color gradient rectangle shrink, can be pushed RGB changed background color.
140-141	70	Multicolor gradient rectangular explosion, can be pushed RGB changed the background color.
142-143	71	Multicolor gradual rectangular expansion, can be pushed RGB changed the background color.
144-145	72	Multi-color full-color gradient square contraction.
146-147	73	The polychromatic full color gradually shrinks from the upper left.
148-149	74	The polychromatic full color gradually explodes from the upper left.
150-151	75	Monochrome a square rebound, can push the direction bar or color bar change direction and color, can push RGB change the background color.
152-153	76	Monochrome a cross-shaped rebound, can be pushed forward bar or color bar change direction and color, can be pushed RGB change the background color.
154-155	77	Monochromatic two cross-shaped collision, can push color bar change color, can push RGB change the background color.
156-157	78	Monochrome two square collision, can push color bar change color, can push RGB change background color.
158-159	79	Double color two diamond rebound, can push the direction bar change direction, can push RGB change the background color.
160-161	80	Double color two cross-shaped rebound, can push the direction of the bar change direction, can push RGB change the background color.
162-163	81	Double color two square rebound, can push direction bar change direction, can push RGB change background color.
164-165	82	Color three diamond rebound, can be pushed to change the direction of the bar, can be pushed RGB change the background color.
166-167	83	Color three cross-shaped rebound, can be pushed to change the direction of the bar, can be pushed RGB change the background color.
168-169	84	Color three square rebound, can push the bar to change the direction, can push RGB change the background color.
170-171	85	Monochromatic flame, can push the direction bar or color bar to change the direction and color, can push RGB change the background color.
172-173	86	Multicolor gradual flame one, can push the direction bar to change the direction, can push RGB change the background color.

Channel value	Model code	Effect
174-175	87	Multicolor gradual flame two, can push the direction bar to change the direction, can push RGB change the background color.
176-177	88	Business is booming, can push the bar to change the direction, can push RGB change the background color.
178-179	89	Monochromatic gradual change of two leaves reverse rotation, can push color bar change color, can push RGB change the background color.
180-181	90	Monochromatic gradual change of two leaves rotation, can push color bar change color, can push RGB change the background color.
182-183	91	Monochromatic gradient four-leaf reverse rotation, can push the color bar to change the color, can push RGB change the background color.
184-185	92	Monochromatic gradient four-leaf rotation, can push color bar change color, can push RGB change the background color.
186-187	93	Double color gradient four-leaf reverse rotation, can be pushed RGB change the background color.
188-189	94	Double color gradient four-leaf rotation, can be pushed RGB change the background color.
190-191	95	Color gradient diamond block inward, can be pushed RGB change the background color.
192-193	96	Color gradient diamond block outward explosion, can be pushed RGB change the background color.
194-195	97	Color gradient diamond inward, can be pushed RGB changed the background color.
196-197	98	Color gradient diamond outward explosion, can be pushed RGB changed the background color.
198-199	99	Multicolor gradient elliptical explosion, can be pushed RGB changed the background color.
200-201	100	Multicolor gradient elliptical contraction, can be pushed RGB changed the background color.
202-203	101	Multicolor gradual change half diamond to expand outward, can push RGB change background color.
204-205	102	Multicolor gradual semi-ling shape shrinks inward, can push RGB change the background color.
206-207	103	Multicolor gradient single diamond outward, can be pushed RGB changed the background color.
208-209	104	Multicolor gradient single diamond inward, can be pushed RGB changed the background color.
210-211	105	Multicolor gradient half diamond two head collision, can push RGB change the background color.
212-213	106	Monochromatic scattered filling, can push the direction bar or color bar to change the direction and color, can push RGB change the background color.
214-215	107	Seven color scattered filling, can be pushed to change the direction of the bar, can be pushed RGB change the background color.
216-217	108	Colorful gradual stars flicker, can be pushed RGB change the background color.
218-219	109	Colorful gradient scattered, can be pushed to change the direction of the bar, can be pushed RGB change the background color.
220-221	110	Monochromatic scattered, can be pushed forward bar or color bar change direction and color, can be pushed RGB change the background color.
222-223	111	Gradient six colors from the upper left to the lower right, at the same time from the top right to the lower left color fill, can be pushed to change the direction of the bar.
224-225	112	Gradient six colors from the lower left to the upper right, and from the lower right to the upper left color fill, can be pushed to change the direction of the bar.
226-227	113	Gradient trichromatic from the upper left to the lower right, while filling from the upper right to the lower left, can be pushed to change the direction of the bar.

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Channel value	Model code	Effect
228-229	114	Gradient trichromatic from the lower left to the upper right, while filling from the lower right to the upper left, can be pushed to change the direction of the bar.
230-231	115	Multi-color gradual flight.
232-233	116	Multi-color gradual flight dive.
234-235	117	The multi-color gradient arrow diffuses from bottom to top.
236-237	118	Color gradient spiral reverse rotation, can be pushed RGB changed the background color.
238-239	119	Color gradient spiral clockwise rotation, can be pushed RGB changed the background color.
240-241	120	Gradually rotate the tricolor spiral waveform outward, can push the direction bar to change the direction, can push RGB change the background color.
242-243	121	Multicolor gradient inward spiral, can be pushed RGB changed background color.
244-245	122	Both colors change left and right spiral, can push the direction of the bar change direction, can push RGB change the background color.
246-247	123	Music spectrum one, can push the direction bar to change the direction, can push RGB change the background color.

parameters

Product:	Pixel Strobe 112
Voltage:	AC110-240V±10, 50/60Hz
Wattage:	200W
Color Temp:	6500K-7500K
Bead Model:	5050
Color:	RGB
Light source life:	50000 hours or more
Dimming:	0-100% linear adjustment
Number of lamp beads:	1080pcs*0.2W SMD lamp beads
Strobe:	1-30HZ, regular strobe, random strobe, pulse strobe
Control mode:	DMX512, master/slave mode, voice-activated mode, stand-alone mode, self-propelled mode
Channel:	3/11/336
Size:	42.4 x 14.5 x 23.5cm
Net weight:	4.95KG

Please note: All information is subject to change without notice.