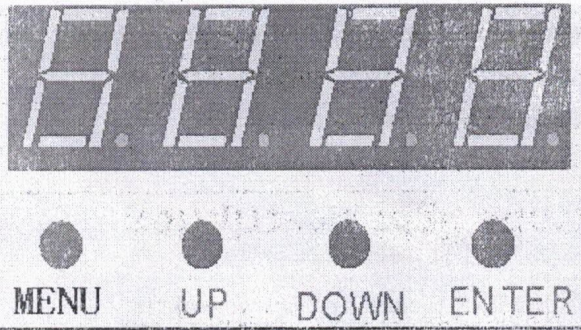


I. Display panel and key definition



Menu key: Select Function

Up key: parameter recursion

Down key: parameter decrement

Enter key: confirm and save

II. Menu functions

Press the menu key after power on, the menu function table appears in turn; up or down key to modify the function parameters, enter key to save the current function and parameters (save with power down memory).

Menu Function Table:

A001	↔	A512	Up or down modify address code (A001~A512) , enter key to save.
CH03	↔	CH72	Up or down Channel settings, Enter key to save.
M000	↔	M126	Built-in effect 127, up or down switching effect, enter key to save.
S000	↔	S255	Modify the speed of built-in effects up or down (S000~ S255), enter key to save.
Soud	↔	Soud	Sound control mode.
R255	↔	R000	Up or down modify red light bead brightness (R000~R255), Enter key to save.
G255	↔	G000	Up or down modify green light bead brightness (G000~G255), Enter key to save.
B255	↔	B000	Up or down modify blue light bead brightness (B000~B255), Enter key to save.
T000			Display temperature, such as T045 indicates current luminaire temperature is 45 °C ; not installed 10 K thermistor, display T000.

III. Master-slave control

Two or more of the same lamps are connected with DMX three-core signal lines, all lamps are set to A001~A512 any address code, any A is set to host, and other lamps are slave; when the host is gradient, pulse, jump, sound control, self-walking effect, slave synchronous gradient, pulse change, jump, sound control, self-walking effect.

Special note :1. a group of lamps can only set up A host, if there are more than A host, all lamps will flash and not synchronized.

2. all lamps must be master-slave when the DMX512 console is closed.

IV. Self-walking effect

Two or more of the same lamps are connected with DMX three-core signal lines, all lamps are set to A001~A512 any address code, any A is set to host, and other lamps are slave; when the host is gradient, pulse, jump, sound control, self-walking effect, slave synchronous gradient, pulse change, jump, sound control, self-walking effect.

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IV. Factory setup

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

Factory Setup Table:

R255	→	R032	Up or down modify the current of red lamp bead(R032-R255), Enter key to save.
G255	→	G032	Up or down modify the current of green lamp bead(G032-G255), Enter key to save.
B255	→	B032	Up or down modify the current of blue lamp bead(B032-B255), Enter key to save.
FAN0	→	FAN1	Fan setting: Start the fan FAN0 light is on, FAN1 reach the set temperature protection point start the fan, Enter key to save.
T040	→	T105	Set the temperature protection point, modify the parameters up or down (40°C~105°C), Enter key to save.
Send	→	Send	Send up or down the local factory setting parameters to all other three-core signal lines connected in parallel lamps; confirm the sending parameters press menu key 5 seconds exit, deny the parameters press confirmation key to cancel the sending.

V. DMX512 console

After power on all lamps address code set, connect all lamps with three-core signal line in parallel to the DMX512 console, the address code will stop flashing, indicating that the DMX512 console signal has been sent to the lamp, according to the channel instructions with the DMX512 console control related functions.

CH03 Channel Description:

Channel	Channel values	Basic function
1	000-255	Red beads with linear dimming
2	000-255	Green beads with linear dimming
3	000-255	Blue beads with linear dimming

CH07 Channel Description:

Channel	Channel values	Basic function
1	000-255	Tuned light
2	000-255	Stroboflash
3	000-255	Mode (see the end of the article for specific effect: vi. Mode effect).
4	000-255	Speed
5	000-255	Red beads with linear dimming
6	000-255	Green beads with linear dimming
7	000-255	Blue beads with linear dimming

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CH72 Channel Description:

Channel	Channel values	Basic function
1	000-255	The first paragraph red light beads linear dimmed.
2	000-255	The first paragraph green light beads linear dimmed.
3	000-255	The first paragraph blue light beads linear dimmed.
4	000-255	The second paragraph red light beads linear dimmed.
5	000-255	The second paragraph green light beads linear dimmed.
6	000-255	The second paragraph blue light beads linear dimmed.
...
70	000-255	The 24th paragraph red light beads linear dimmed.
71	000-255	The 24th paragraph green light beads linear dimmed.
72	000-255	The 24th paragraph blue light beads linear dimmed.

VI. Mode effect (hint: mode code 11~122, push and pull RGB to change the background color.)

Channel values	Model code	Mode effect
0-1	0	No effect
2-3	1	Red beads are all bright.
4-5	2	Green beads are all bright.
6-7	3	Blue beads are all bright.
8-9	4	Red and green dye lights are all bright..
10-11	5	Red and blue dye lights are all bright..
12-13	6	Blue and green dye lights are all bright..
14-15	7	Red,green and blue dye lights are all bright..
16-17	8	Integrated mode code 1-7 cycles.
18-19	9	Gradual change
20-21	10	Pulse variable
22-23	11	A red lights beads running horse from right to left.
24-25	12	A green lights beads running horse from right to left.
26-27	13	A blue lights beads running horse from right to left.
28-29	14	A red and green dye lights beads running horse from right to left.
30-31	15	A red and blue dye lights beads running horse from right to left.
32-33	16	A green and blue dye lights beads running horse from right to left.
34-35	17	A red,green and blue dye lights beads running horse from right to left.
36-37	18	Integrated mode code 11-17 cycles.
38-39	19	A red lights beads running horse from left to right.
40-41	20	A green lights beads running horse from left to right.
42-43	21	A blue lights beads running horse from left to right.
44-45	22	A red and green dye lights beads running horse from left to right.
46-47	23	A red and blue dye lights beads running horse from left to right.
48-49	24	A green and blue dye lights beads running horse from left to right.
50-51	25	A red,green and blue dye lights beads running horse from left to right.
52-53	26	Integrated mode code 19-25 cycles.
54-55	27	A big red lights beads running horse from right to left.

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56-57	28	A big green lights beads running horse from right to left.
58-59	29	A big blue lights beads running horse from right to left.
60-61	30	A big red and green dye lights beads running horse from right to left.
62-63	31	A big red and blue dye lights beads running horse from right to left.
64-65	32	A big green and blue dye lights beads running horse from right to left.
66-67	33	A big red, green and blue dye lights beads running horse from right to left.
68-69	34	Integrated mode code 27-33 cycles.
70-71	35	Red lights beads moves across three steps the screen from top to bottom.
72-73	36	Green lights beads moves across three steps the screen from top to bottom.
74-75	37	Blue lights beads moves across three steps the screen from top to bottom.
76-77	38	Red and green dye lights beads moves across three steps the screen from top to bottom.
78-79	39	Red and blue dye lights beads moves across three steps the screen from top to bottom.
80-81	40	Green and blue dye lights beads moves across three steps the screen from top to bottom.
82-83	41	Red, green and blue dye lights beads moves across three steps the screen from top to bottom.
84-85	42	Integrated mode code 35-41 cycles.
86-87	43	Two red lights beads running horse from right to left.
88-89	44	Two green lights beads running horse from right to left.
90-91	45	Two blue lights beads running horse from right to left.
92-93	46	Two red and green dye lights beads running horse from right to left.
94-95	47	Two red and blue dye lights beads running horse from right to left.
96-97	48	Two green and blue dye lights beads running horse from right to left.
98-99	49	Two red, green and blue dye lights beads running horse from right to left.
100-101	50	Integrated mode code 43-49 cycles.
102-103	51	A red lights beads refresh from right to left.
104-105	52	A green lights beads refresh from right to left.
106-107	53	A blue lights beads refresh from right to left.
108-109	54	A red and green dye lights beads refresh from right to left.
110-111	55	A red and blue dye lights beads refresh from right to left.
112-113	56	A green and blue dye lights beads refresh from right to left.
114-115	57	A red, green and blue dye lights beads refresh from right to left.
116-117	58	Integrated mode code 51-57 cycles.
118-119	59	1 section of red light beads running horses have residual shadow.
120-121	60	1 section of green light beads running horses have residual shadow.
122-123	61	1 section of blue light beads running horses have residual shadow.
124-125	62	1 section of red and green dyeing lights running horses have residual shadows.
126-127	63	1 section of red and blue dyeing lights running horses have residual shadows.
128-129	64	1 section of green and blue dyeing lights running horses have residual shadows.
130-131	65	1 section of red green and blue dyeing lights running horses have residual shadows.
132-133	66	Integrated mode code 59-65 cycles.
134-135	67	Three red lights beads running horses back and forth have residual shadow.
136-137	68	Three green lights beads running horses back and forth have residual shadow.
138-139	69	Three blue lights beads running horses back and forth have residual shadow.
140-141	70	Three red and green dye lights beads running horses back and forth have residual shadow.
142-143	71	Three red and blue dye lights beads running horses back and forth have residual shadow.
144-145	72	Three green and blue dye lights beads running horses back and forth have residual shadow.

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146-147	73	Three red, green and blue dye lights beads running horses back and forth have residual shadow.
148-149	74	Integrated mode code 67-73 cycles.
150-151	75	1 section of red lights beads around the four sides of the running horse have residual shadow.
152-153	76	1 section of green lights beads around the four sides of the running horse have residual shadow.
154-155	77	1 section of blue lights beads around the four sides of the running horse have residual shadow.
156-157	78	1 section of red and green dye lights beads around the four sides of the running horse have residual shadow.
158-159	79	1 section of red and blue dye lights beads around the four sides of the running horse have residual shadow.
160-161	80	1 section of green and blue dye lights beads around the four sides of the running horse have residual shadow.
162-163	81	1 section of red, green and blue dye lights beads around the four sides of the running horse have residual shadow.
164-165	82	Integrated mode code 75-81 cycles.
166-167	83	A red lights beads from left to right back and forth running horse.
168-169	84	A green lights beads from left to right back and forth running horse.
170-171	85	A blue lights beads from left to right back and forth running horse.
172-173	86	A red and green dye lights beads from left to right back and forth running horse.
174-175	87	A red and blue dye lights beads from left to right back and forth running horse.
176-177	88	A green and blue dye lights beads from left to right back and forth running horse.
178-179	89	A red, green and blue dye lights beads from left to right back and forth running horse.
180-181	90	Integrated mode code 83-89 cycles.
182-183	91	A red lights beads from left to right back and forth refresh.
184-185	92	A green lights beads from left to right back and forth refresh.
186-187	93	A blue lights beads from left to right back and forth refresh.
188-189	94	A red and green dye lights beads from left to right back and forth refresh.
190-191	95	A red and blue dye lights beads from left to right back and forth refresh.
192-193	96	A green and blue dye lights beads from left to right back and forth refresh.
194-195	97	A red, green and blue dye lights beads from left to right back and forth refresh.
196-197	98	Integrated mode code 91-97 cycles.
198-199	99	2 segment red lights beads running back and forth from both ends.
200-201	100	2 segment green lights beads running back and forth from both ends.
202-203	101	2 segment blue lights beads running back and forth from both ends.
204-205	102	2 segment red and green dye lights beads running back and forth from both ends.
206-207	103	2 segment red and blue dye lights beads running back and forth from both ends.
208-209	104	2 segment green and blue dye lights beads running back and forth from both ends.
210-211	105	2 segment red, green and blue dye lights beads running back and forth from both ends.
212-213	106	Integrated mode code 99-105 cycles.

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214-215	107	2 segment red lights beads refresh back and forth from both ends.
216-217	108	2 segment green lights beads refresh back and forth from both ends.。
218-219	109	2 segment blue lights beads refresh back and forth from both ends.
220-221	110	2 segment red and green dye lights beads refresh back and forth from both ends.
222-223	111	2 segment red and blue dye lights beads refresh back and forth from both ends.
224-225	112	2 segment green and blue dye lights beads refresh back and forth from both ends.
226-227	113	2 segment red,green and blue dye lights beads refresh back and forth from both ends.
228-229	114	Integrated mode code 107-113 cycles.
230-231	115	2 segment red beads are piled up from both ends.
232-233	116	2 segment green beads are piled up from both ends.
234-235	117	2 segment blue beads are piled up from both ends.
236-237	118	2 segment red and green dye beads are piled up from both ends.
238-239	119	2 segment red and blue dye beads are piled up from both ends.
240-241	120	2 segment green and blue dye beads are piled up from both ends.
242-243	121	2 segment red,green and blue dye beads are piled up from both ends.
244-245	122	Integrated mode code 115-121 cycles.
246-247	123	Colorful four grid refresh.
248-249	124	Colorful eight grid refresh.
250-251	125	Colorful four - grid wave refresh.
252-253	126	Colorful eight - grid wave refresh.
254-255	127	Integrated mode effect, push and pull RGB to change the background color.

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VII. Technical parameters

Voltage: AC100~240 V 50/60HZ

Power: 400W

Lamp bead: 1344 5050 tri-color LED beads

Control mode: DMX512,self-walking, master-slave, voice control, RDM.

Channels: Channels Selection CH03,CH07,CH72.

Dimming :32 bit 0~100% linear dimming

Features: 24 racer + dye + flash

Working temperature :-30 degrees ~50 degrees

Stroboscopic frequency :1~30 HZ

Appearance: Metal, Black

Connection mode: DMX512 input and output / power input and output.

IP grade: IP20

Size:

Weight: