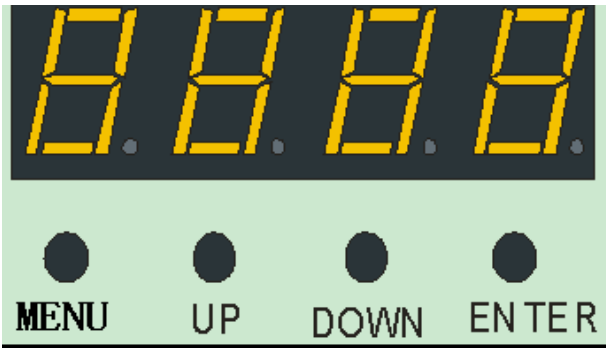# Phenix Bar 1040 LED Moving head led bar light User Manual

I. Definition of Display Panel and Keys

Menu up and down confirmation

Menu key: select function
Up arrow: parameter increment
Down arrow: decreasing parameter
Confirm key: OK and save.

Second, the menu function

Press the menu key after powering on and turning on, and the menu menu will appear in turn;

Press up or down key to modify function parameters, and confirm key to save current function and

parameters (with power-off memory after saving).

Menu menu:

A001	➡	A512	Set the address code, modify the address code (A001~A512) up or down, and confirm to save.
CH7	➡	CH43	Switch channels CH7, CH13 and CH43 up or down, and confirm to save.
M000	➡	M126	There are 127 kinds of built-in effects. Modify the built-in effects up or down, and press OK to save.
S000	➡	S255	Modify the running speed of the built-in effect up or down (S000~ S255), and confirm to save.
R255	➡	R000	Modify the brightness of the red light bulb (R000~ R255) up or down, and confirm to save.
G255	➡	G000	Modify the brightness of the green light bulb (G000~ G255) up or down, and confirm to save.
B255	➡	B000	Modify the brightness of the blue light bulb (B000~ B255) up or down, and confirm to save.
W255	➡	W000	Modify the brightness (W000~W255) of the white lamp bead up or down, and confirm to save.
Soud	➡	Soud	Voice control mode. .
M000	➡	M255	Adjust the parameters of Y-axis motor up or down (M000~ M255), and confirm to save.
T000	➡		Display the temperature, such as T045, indicating that the current lamp temperature is 45℃; 10K thermistor is not installed, and T000 is displayed.

Third, master-slave control

Two or more identical lamps and lanterns are connected by DMX three-core signal lines, all lamps and lanterns are set to any address code A001~A512, any one is set as the master, and other lamps and lanterns are set as the slave; When the master adjusts the effects of gradual change, pulse change, jump, voice control, dimming and self-walking, all slaves synchronize the effects of gradual change, pulse change, jump, voice control, dimming and self-walking.
Special attention: 1. Only one host can be set for a group of lamps. If there are multiple hosts, all lamps will flash without synchronization.
2. All lamps and lanterns must be used when the DMX512 console is closed.

Fourth, the factory settings

In case of any address code from A001~A512, press the menu key for 5 seconds to enter the factory setting. Factory settings mainly include the functions of each output power of lamps and lanterns, fan setting mode, setting temperature protection point and sending parameters. The factory sets any mode and presses the menu button for 5 seconds to exit.

Factory setting mode table:

R255 ➡	R032	Modify the red bulb current (R032-R255) up or down, and confirm to save.
G255 ➡	G032	Modify the green bulb current (G032-G255) up or down, and confirm to save.
B255 ➡	B032	Modify the blue bulb current (B032-B255) up or down, and confirm the key to save.
W255 ➡	W032	Modify the white bulb current (W032-W255) up or down, and confirm to save.
M000 ➡	M255	Modify the operating speed of Y-axis motor up or down (M000~ M255), and confirm to save.
FAN0 ➡	FAN1	Fan setting: FAN0 will start the fan when it is powered on, and FAN1 will start the fan when it reaches the set temperature protection point. Press the Enter key to save.
T040 ➡	T070	Modify the temperature parameter (40℃~70℃) up or down, and press the Enter key to save.
Send ➡	Send	Send the factory setting parameters of this machine up or down to all other lamps with three-core signal lines connected in parallel; Press the menu button for 5 seconds to confirm the sending parameters, and press the confirm button to cancel the sending if the parameters are denied.

V. DMX512 console

Set the address codes of all lamps and lanterns after power-on, and then connect all lamps and lanterns to DMX512 console in parallel with three-core signal lines. The address codes will stop flashing, indicating that DMX512 console signals have been sent to lamps and lanterns, and use DMX512 console to control related functions according to each channel description.

CH7 channel description:

passage	Channel value	fundamental function
one	000-255	Y axis motor
2	000-255	Y-axis motor speed
three	000-255	Linear dimming of red lamp beads.
four	000-255	Linear dimming of green lamp beads.
five	000-255	Linear dimming of blue lamp beads.
six	000-255	Linear dimming of white lamp beads.
seven	000-255	Reset: when the parameter value is 150-255, the whole machine is reset. The parameter value of the console must be pulled below 10 before being pushed to 150-255, and it is useless when the parameter value is 000-149, so it cannot be reset.

CH13 channel description:

passage	Channel value	fundamental function
one	000-255	Y axis motor
2	000-255	Y-axis motor speed
three	000-255	Total dimming
four	000-255	stroboscopic
five	000-255	Linear dimming of red lamp beads.
six	000-255	Linear dimming of green lamp beads.
seven	000-255	Linear dimming of blue lamp beads.
eight	000-255	Linear dimming of white lamp beads.
nine	000-255	model
10	000-255	speed
11	000-255	background color
12	000-255	Background tone light
13	000-255	Reset: when the parameter value is 150-255, the whole machine is reset. The parameter value of the

console must be pulled below 10 before being pushed to 150-255, and it is useless when the parameter value is 000-149, so it cannot be reset.

CH43 channel description:

pass age	Channel value	fundamental function
one	000-255	Y axis motor
2	000-255	Y-axis motor speed
three	000-255	The first red light bulb is linearly dimmed.
four	000-255	The first green light bulb is linearly dimmed.
five	000-255	The first blue light bulb is linearly dimmed.
six	000-255	The first white light bulb is linearly dimmed.
…	…	… …
39	000-255	Linear dimming of the tenth red lamp bead
40	000-255	Linear dimming of the tenth green lamp bead
41	000-255	Linear dimming of the tenth blue lamp bead
forty-two	000-255	Linear dimming of the tenth white lamp bead
43	000-255	Reset: when the parameter value is 150-255, the whole machine is reset. The parameter value of the console must be pulled below 10 before being pushed to 150-255, and it is useless when the parameter value is 000-149, so it cannot be reset.

Sixth, the model effect

Channel value	Mode code	effect
0-1	0	neutrality
2-3	one	Effect 1
4-5	2	Effect 2
6-7	three	Effect 3
8-9	four	Effect 4 (color selection, adjustable front and background color)
10-11	five	Effect 5
12-13	six	Effect 6 (color selection, adjustable front and background color)
14-15	seven	Effect 7
16-17	eight	Effect 8 (color selection, adjustable front and background color)
18-19	nine	Effect 9
20-21	10	Effect 10 (color selection, adjustable front and background color)
22-23	11	Effect 11
24-25	12	Effect 12 (color selection, adjustable front and background color)
26-27	13	Effect 13
28-29	14	Effect 14 (color selection, adjustable front and background color)
30-31	15	Effect 15
32-33	16	Effect 16 (color selection, adjustable front and background color)
34-35	17	Effect 17
36-37	18	Effect 18 (color selection, adjustable front and background color)
38-39	19	Effect 19
40-41	20	Effect 20 (color selection, adjustable front and background color)
42-43	21	Effect 21
44-45	22	Effect 22 (color selection, adjustable front and background color)
46-47	23	Effect 23
48-49	24	Effect 24 (color selection, adjustable front and background color)
50-51	25	Effect 25
52-53	26	Effect 26 (color selection, adjustable front and background color)
54-55	27	Effect 27
56-57	28	Effect 28 (color selection, adjustable front and background color)
58-59	29	Effect 29
60-61	30	Effect 30 (color selection, adjustable front and background color)
62-63	31	Effect 31
64-65	32	Effect 32 (color selection, adjustable front and background color)

66-67	33	Effect 33
68-69	34	Effect 34 (color selection, adjustable front and background color)
70-71	35	Effect 35
72-73	36	Effect 36 (color selection, adjustable front and background color)
74-75	37	Effect 37
76-77	38	Effect 38 (color selection, adjustable front and background color)
78-79	39	Effect 39
80-81	40	Effect 40 (color selection, adjustable front and background color)
82-83	41	Effect 41
84-85	forty-two	Effect 42 (color selection, adjustable front and background color)
86-87	43	Effect 43
88-89	forty-four	Effect 44 (color selection, adjustable front and background color)
90-91	45	Effect 45
92-93	46	Effect 46 (color selection, adjustable front and background color)
94-95	47	Effect 47
96-97	48	Effect 48 (color selection, adjustable front and background color)
98-99	forty-nine	Effect 49
100-101	50	Effect 50 (color selection, adjustable front and background color)
102-103	51	Effect 51
104-105	fifty-two	Effect 52 (color selection, adjustable front and background color)
106-107	53	Effect 53
108-109	54	Effect 54 (color selection, adjustable front and background color)
110-111	55	Effect 55
112-113	fifty-six	Effect 56 (color selection, adjustable front and background color)
114-115	57	Effect 57
116-117	58	Effect 58 (color selection, adjustable front and background color)
118-119	59	Effect 59
120-121	60	Effect 60 (color selection, adjustable front and background color)
122-123	61	Effect 61
124-125	62	Effect 62 (color selection, adjustable front and background color)
126-127	63	Effect 63
128-129	64	Effect 64 (color selection, adjustable front and background color)
130-131	65	Effect 65
132-133	66	Effect 66 (color selection, adjustable front and background color)
134-135	67	Effect 67
136-137	sixty-eight	Effect 68 (color selection, adjustable front and background color)
138-139	sixty-nine	Effect 69
140-141	70	Effect 70 (color selection, adjustable front and background color)
142-143	71	Effect 71
144-145	seventy-two	Effect 72 (color selection, adjustable front and background color)
146-147	73	Effect 73
148-149	74	Effect 74 (color selection, adjustable front and background color)
150-151	75	Effect 75
152-153	76	Effect 76 (color selection, adjustable front and background color)
154-155	77	Effect 77
156-157	seventy-eight	Effect 78 (color selection, adjustable front and background color)
158-159	79	Effect 79
160-161	80	Effect 80 (color selection, adjustable front and background color)
162-163	81	Effect 81
164-165	82	Effect 82 (color selection, adjustable front and background color)
166-167	83	Effect 83
168-169	84	Effect 84 (color selection, adjustable front and background color)
170-171	eighty-five	Effect 85
172-173	86	Effect 86 (color selection, adjustable front and background color)
174-175	87	Effect 87
176-177	88	Effect 88 (color selection, adjustable front and background color)
178-179	eighty-nine	Effect 89
180-181	90	Effect 90 (color selection, adjustable front and background color)

182-183	**91**	Effect 91
184-185	**92**	Effect 92 (color selection, adjustable front and background color)
186-187	**93**	Effect 93
188-189	**94**	Effect 94
190-191	**95**	Effect 95
192-193	**96**	Effect 96
194-195	**97**	Effect 97
196-197	**98**	Effect 98
198-199	**99**	Effect 99
200-201	**100**	Effect 100
202-203	**101**	Effect 101
204-205	**102**	Effect 102
206-207	**103**	Effect 103
208-209	**104**	Effect 104
210-211	**105**	Effect 105
212-213	**106**	Effect 106
214-215	**107**	Effect 107
216-217	**108**	Effect 108
218-219	**109**	Effect 109
220-221	**110**	Effect 110
222-223	**111**	Effect 111
224-225	**112**	Effect 112
226-227	**113**	Effect 113
228-229	**114**	Effect 114
230-231	**115**	Effect 115
232-233	**116**	Effect 116
234-235	**117**	resultant effect
236-237	**118**	Effect 118
238-239	**119**	Effect 119
240-241	**120**	Effect 120
242-243	**121**	Effect 121
244-245	**122**	Effect 122
246-247	**123**	Effect 123
248-249	**124**	Effect 124
250-251	**125**	Effect 125
252-253	**126**	Effect 126
254-255	**127**	Effect 127

Seven, technical parameters:

Voltage: AC100~240V 50/60HZ

Power: 10*30W(320W)

Lamp beads: 10 four-in-one LED lamp beads

Control mode: DMX512, self-propelled, master-slave, voice control and RDM function.

Channels: CH7, CH13 and CH43

Dimming: 32bit 0~100% linear dimming

Features: y shake head+beam+flash.

Working temperature: -30 ~50°C

Strobe frequency: 1~30HZ

Appearance: metal, black

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

IP grade: IP20

Size: weight: