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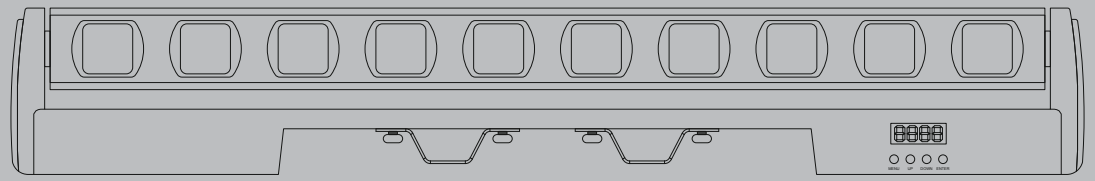

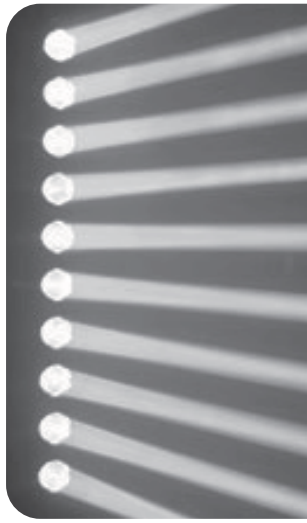

User Manual

10x15W RGBW 4-in-1 Moving Head Light

Model:
L1015

After-sales service

Please fill in the following content properly and keep it safe forfuture maintenance. Accordingly, for your each purchase of our systems we havearchive Serial number and parameters for future reference.

Product warranty card

Testing : ☐ **Warranty :** ☐ **Non-warranty :** ☐

Mode :

Serial No. :

Distributor :

Address :

Tel :

1. All device products purchased from our company (and authorized agents) are entitled to a one-year warranty service for light sources, machinery, and electronics if they are used correctly; if there is no warranty, the company can also provide paid maintenance services according to the actual situation;

2. The following situations are not covered by the free warranty:
① The product has no serial number;
② The prohibition mark is damaged or there are obvious signs of self-disassembly;
③ The product has no replaceable components or components required by customized products, and unauthorized disassembly or replacement of components without permission leads to problems;
④ Failure or damage caused by improper use or improper maintenance or modification;
⑤ Damage caused by failure to operate in accordance with the instructions or the harsh environment of use;
⑥ Damage caused by impact during installation or handling by the purchaser;
⑦ For repaired or replaced products, the warranty will not be extended, and the power will decay slowly according to the normal life span, which is not within the scope of free warranty;
⑧ Failure and damage caused by fire, earthquake, flood, lightning and other natural disasters or abnormal power supply voltage

3. The company reserves the right of final analysis of the above terms.

If there is a problem with the product, please contact the company (or agent) in time, and we will solve it in the shortest time. At the same time, we sincerely hope that you can provide valuable comments and suggestions on our products, and we will spare no effort to improve our products.

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The following symbols are used to identify important safety information in the product and user manual:



Warning: Risk of serious injury or death.



Warning: Refer to the user manual before installation, energizing, or servicing.



Warning: Risk of fatal or severe electric shock.



Warning: Potential risk: fire.



Warning: Hot surface, do not touch.



Warning: Potential risk of eye injury, protective goggles must be worn.



Warning: Potential risk of hand injury, gloves must be worn.



Suitable only for installation on non -combustible surfaces.



Replace all broken protective covers.



Minimum distance to illuminated objects.



Maximum rated ambient temperature.



For indoor use only.



Do not point the lens at sunlight or strong light.



Do not manually adjust during operation.

Safety Guidance ⚠

WARNING！ Please read the instruction carefully and keep it for future reference.

IMPORTANT SAFETY WARNINGS

This device has left the factory in perfect condition. In order to maintain this condition and to ensure safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this user manual.

In order to install, operate and maintain the lighting fixture safely and correctly we suggest that the installation and operation be carried out by qualified technicians and these instructions be carefully followed.

Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems.

	**CAUTION!** High Voltage. Risk Of Severe Or Fatal Electric Shock.
	**CAUTION!** Always Disconnect Mains Supply Before Removing Any Fixture Covers.
	**CAUTION!** Never Look Directly Into The Light Source.sensitive Persons May Suffer An Epileptic Shock.
	**CAUTION!** Never Touch The Device During Operation.covers May Be Hot
	**CAUTION!** Indoor Use Only

This product is for indoor use only. Use only in a dry location.

The minimum distance to objects/surface must be more than 5 meters. Hot lamp explosion hazard. DO NOT open the unit within 15 minutes after switching off.

It's important to ground the yellow/green conductor to earth in order to avoid electric shock.

Minimum ambient temperature TA: 0℃. Maximum ambient temperature TA: 40℃.

Do not operate this product at a lower or higher temperature.

During initial start-up some smoke or smell may arise. This is a normal process and does not necessarily mean that the device is defective, and it will decrease gradually within 15 minutes. Keep flammable materials away from the fixture while operating to avoid fire hazard.

Unit's surface temperature may reach up to 50℃. DO NOT touch the housing bare-handed during its operation.

Avoid direct eye exposure to the light source while the product is on.

The fixture should be fixed on the clamp. Always ensure that the unit is firmly fixed to avoid vibration and slipping off during operation. Ensure that the trussing or area of installation must be able to hold 10 times the weight without any deformation. Always install a safety cable that can hold at least 10 times the weight of the fixture when installing.

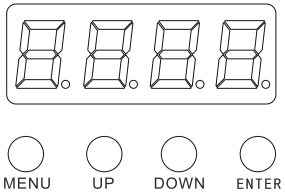
222-223	111	Effect 111
224-225	112	Effect 112
226-227	113	Effect 113
228-229	114	Effect 114
230-231	115	Effect 115
232-233	116	Effect 116
234-235	117	Effect 117
236-237	118	Effect 118
238-239	119	Effect 119
240-241	120	Effect 120
242-243	121	Effect 121
244-245	122	Effect 122
246-247	123	Effect 123
248-249	124	Effect 124
250-251	125	Effect 125
252-253	126	Effect 126
254-255	127	Mode code 9-126 cycle; Mode code 124, 125, 126, the colorful waves are finished

146-147	73	Effect 73
148-149	74	Effect 74
150-151	75	Effect 75
152-153	76	Effect 76
154-155	77	Effect 77
156-157	78	Effect 78
158-159	79	Effect 79
160-161	80	Effect 80
162-163	81	Effect 81
164-165	82	Effect 82
166-167	83	Effect 83
168-169	84	Effect 84
170-171	85	Effect 85
172-173	86	Effect 86
174-175	87	Effect 87
176-177	88	Effect 88
178-179	89	Effect 89
180-181	90	Effect 90
182-183	91	Effect 91
184-185	92	Effect 92
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

Technical parameter

Voltage	AC100~240V 50/60HZ
Rating power	180W
Light source	10*15W（RGBW 4-in-1 LED）
Control mode	DMX512, Auto, Master-slave, Sound, with RDM function.
Channels	CH7, CH13, CH43
Dimming	32bit 0~100% linear dimming
Features	Y-axis moving head + beam + strobe
Operating temperature	-30°C~50°C
Strobe frequency	1~30HZ
Connection	DMX512 input and output / power input and output.
IP Rating	IP20
Size	985*73*153mm
Weight	6.35kg

Display panel and key definition



Button	Function
<MENU>	Selection function
<UP>	Parameter increment
<DOWN>	Parameter decrement
<ENTER>	Confirm and save

Menu function

After power on, press the menu key, The Menu function table appears in sequence; Press the up or down button to modify the function parameters, Press the confirm key to save the current functions and parameters (have Power-off memory after saving).

The Menu Function Table:

Menu	Function
A001-A512	Set address code, Modify the address code up or down (A001~A512), Press the confirm key to save。
CH7-CH43	Switch up or down CH7、CH13、CH43 channel, Press the confirm key to save。
M000-M127	128 kinds of built-in effects, Modify built-in effects up or down, Press the confirm key to save。
S000-S255	Change the speed of the built-in effects up or down (S000~ S255), Press the confirm key to save。
R255-R000	Modify the red bead brightness up or down (R000~ R255), Press the confirm key to save。
G255-G000	Change the green bead brightness up or down (G000~ G255), Press the confirm key to save。
B255-B000	Change the blue bead brightness up or down (B000~ B255), Press the confirm key to save。
W255-W000	Modify the white bead brightness up or down (W000~W255), Press the confirm key to save。
Soud-Soud	Sound control。
M000-M255	Adjust Y-axis motor parameters up or down (M000~ M255), Press the confirm key to save。
T000	Display temperature, for example T045 indicates that the current lamp temperature is 45℃; No 10K thermistor is installed and T000 is displayed。

70-71	35	Effect 35
72-73	36	Effect 36
74-75	37	Effect 37
76-77	38	Effect 38
78-79	39	Effect 39
80-81	40	Effect 40
82-83	41	Effect 41
84-85	42	Effect 42
86-87	43	Effect 43
88-89	44	Effect 44
90-91	45	Effect 45
92-93	46	Effect 46
94-95	47	Effect 47
96-97	48	Effect 48
98-99	49	Effect 49
100-101	50	Effect 50
102-103	51	Effect 51
104-105	52	Effect 52
106-107	53	Effect 53
108-109	54	Effect 54
110-111	55	Effect 55
112-113	56	Effect 56
114-115	57	Effect 57
116-117	58	Effect 58
118-119	59	Effect 59
120-121	60	Effect 60
122-123	61	Effect 61
124-125	62	Effect 62
126-127	63	Effect 63
128-129	64	Effect 64
130-131	65	Effect 65
132-133	66	Effect 66
134-135	67	Effect 67
136-137	68	Effect 68
138-139	69	Effect 69
140-141	70	Effect 70
142-143	71	Effect 71
144-145	72	Effect 72

Mode Effect

Remark: Mode codes 9~120, RGBW can be adjusted to change the color.

DMX Value	Mode Code	Effect
0-1	0	No effect
2-3	1	Effect 1
4-5	2	Effect 2
6-7	3	Effect 3
8-9	4	Effect 4
10-11	5	Effect 5
12-13	6	Effect 6
14-15	7	Effect 7
16-17	8	Effect 8
18-19	9	Effect 9
20-21	10	Effect 10
22-23	11	Effect 11
24-25	12	Effect 12
26-27	13	Effect 13
28-29	14	Effect 14
30-31	15	Effect 15
32-33	16	Effect 16
34-35	17	Effect 17
36-37	18	Effect 18
38-39	19	Effect 19
40-41	20	Effect 20
42-43	21	Effect 21
44-45	22	Effect 22
46-47	23	Effect 23
48-49	24	Effect 24
50-51	25	Effect 25
52-53	26	Effect 26
54-55	27	Effect 27
56-57	28	Effect 28
58-59	29	Effect 29
60-61	30	Effect 30
62-63	31	Effect 31
64-65	32	Effect 32
66-67	33	Effect 33
68-69	34	Effect 34

Master-Slave Mode

Connect two or more identical fixtures using a DMX 3-pin signal cable, and set each fixture to any address code between A001 and A512. Designate one fixture as the master, while the others will serve as slaves. When adjusting the fade, pulse, jump, sound control, dimming, or auto-run effects on the master fixture, all slave fixtures will synchronize with the master, replicating the same fade, pulse, jump, sound control, dimming, or auto-run effects.

Special Attention:

① Only one master fixture should be set per group of fixtures. If multiple masters are set, all fixtures will flash irregularly and fall out of sync.

② The master-slave configuration will only function when the DMX512 controller is turned off.

Factory Setting Mode

When the fixture is set to any address code between A001 and A512, press the menu button for 5 seconds to enter the factory settings. The factory settings primarily involve adjusting the output power of each channel, setting the fan mode, configuring the temperature protection point, and sending parameters. In any factory setting mode, press the menu button for 5 seconds to exit.

Factory Settings Mode Table:

R255-R032	Increase or decrease the Red LED current (R032-R255), press the ENTER button to save.
G255-G032	Increase or decrease the Green LED current(G032-G255), press the ENTER button to save.
B255-B032	Increase or decrease the Blue LED current(B032-B255), press the ENTER button to save.
W255-W032	Increase or decrease the White LED current (W032-W255), press the ENTER button to save.
M000-M255	Press UP or DOWN button to adjust the Y-axis motor running speed (M000~M255), and press the ENTER button to save.
FAN0-FAN1	Fan Settings: FAN0 starts the fan upon power-up, FAN1 starts the fan when the set temperature protection point is reached, and press the ENTER button to save.
T040-T070	Adjust the temperature parameter up or down (40℃~70℃), and press the ENTER button to save.
Send-Send	Send the factory settings of this unit up or down to all other lights connected in parallel via the three-core signal cable. To confirm and send the parameters, press and hold the MENU button for 5 seconds to exit. To cancel sending the parameters, press the ENTER button

DMX512 console

Turn on the fixtures and set the address codes for all units. Then, connect all the fixtures and DMX512 console using 3-pin signal cables. Once the address code stops flashing, it indicates that the DMX512 console signal has been successfully transmitted to the fixtures. Now you can use the DMX512 console to control the functions according to the channel instructions.

7CH	Value	Function
1	000-255	Y-axis motor
2	000-255	Speed of Y-axis motor
3	000-255	Linear dimmer of red
4	000-255	Linear dimmer of green
5	000-255	Linear dimmer of blue
6	000-255	Linear dimmer of white
7	000-255	Reset: When the parameter value is set between 150 and 255, the entire machine will reset, To initiate the reset, the console parameter value must first be lowered below 10, then pushed to the range of 150 to 255. The parameter values between 000 and 149 will not trigger a reset.

13CH	Value	Function
1	000-255	Y-axis motor
2	000-255	Speed of Y-axis motor
3	000-255	Dimmer of all
4	000-255	Strobe
5	000-255	Linear dimmer of red
6	000-255	Linear dimmer of green
7	000-255	Linear dimmer of blue
8	000-255	Linear dimmer of white
9	000-255	Modes
10	000-255	Speed
11	000-255	Back ground color
12	000-255	Back ground dimmer
13	000-255	Reset: When the parameter value is set between 150 and 255, the entire machine will reset, To initiate the reset, the console parameter value must first be lowered below 10, then pushed to the range of 150 to 255. The parameter values between 000 and 149 will not trigger a reset.

43CH	Value	Function
1	000-255	Y-axis motor
2	000-255	Speed of Y-axis motor
3	000-255	Linear dimmer of the 1st bead, red
4	000-255	Linear dimmer of the 1st bead, green
5	000-255	Linear dimmer of the 1st bead, blue
6	000-255	Linear dimmer of the 1st bead, white
…	…	…
39	000-255	Linear dimmer of the 10th bead, red
40	000-255	Linear dimmer of the 10th bead, green
41	000-255	Linear dimmer of the 10th bead, blue
42	000-255	Linear dimmer of the 10th bead, white
43	000-255	Reset: When the parameter value is set between 150 and 255, the entire machine will reset, To initiate the reset, the console parameter value must first be lowered below 10, then pushed to the range of 150 to 255. The parameter values between 000 and 149 will not trigger a reset.