User Manual

iPixel Bar 1815

Check that the unit has not been damaged during transport

Read all cautions and warnings
prior to operation of this
equipment

Protection Against Fire

1. Maintain a minimum of 1 50cm distance from any type of flame

2. Replace fuse only with the specified type and rating

3. Do not install the unit to close a heat source

4. Make sure cable are properly secured away from unit movement

5. Maximum surface operating temperature 80°

Protection Against Electrical

1. Disconnect power before servicing
2. The unit must be earthed (electronically grounded)
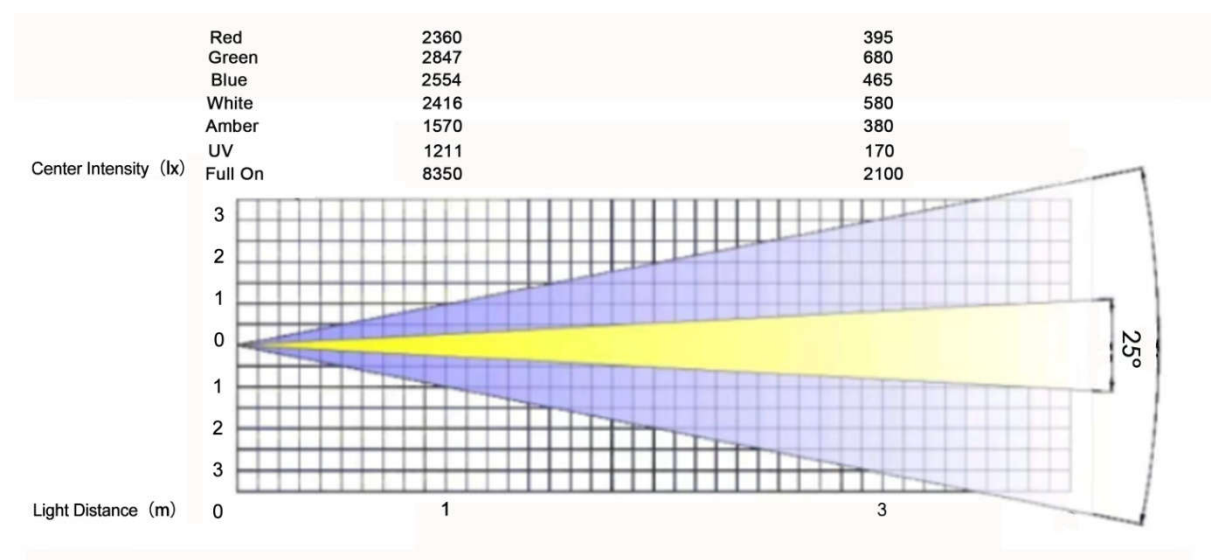
Protection Against Mechanical Hazards

1. Use safety chain when hanging unit

2. Use quality clamps or bolts when positioning unit

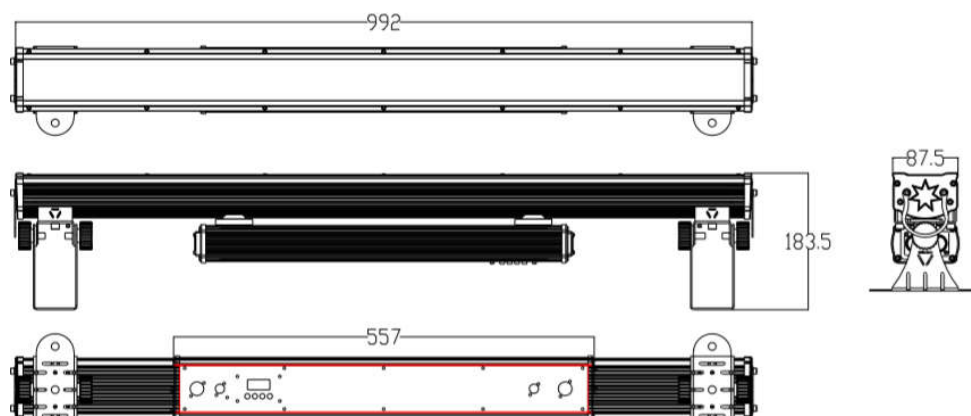3. Do not open unit while it is on, risk of electrical shock

Technical Information

- Light Source: TX high power 15W RGBWAUV LED X18pcs
- Average Lifetime: 100,000 Hour
- Input Voltage: 100-240VAC, 50/60Hz
- Power Consumption: 280W max
- Lens angle: 15°/25°,optional
- Display: LED display
- DMX Channel: 8/11/41/113 CH
- Dimmer：0-100% linear dimming system
- Refresh rate: 4.7kHz
- Control Mode: DMX 512 control, Stand-Alone, Sound Control.
- Connector: True-One system with Power&dmx In+Out;
- Construction: Die-casting aluminum housing; Black/Silver/White color optional
- IP rating: IP65
- Net Weight: 10.5kg
- Dimension: 992×87.5×183.5mm

Photometric

Red	2360	395
Green	2847	680
Blue	2554	465
White	2416	580
Amber	1570	380
UV	1211	170
Center Intensity (lx) Full On	8350	2100

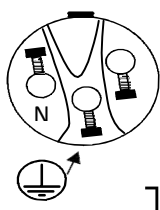## Dimension

Main Power Connection

Caution!

1. Do not connect fixture to a dimmer system.
2. This unit has Auto switching power supply. It will respond to 110V or 220V automatically
3. This unit must be earthed. (Electronically grounded)
4. Replace fuse only with the specified type and rating.

The occupation of the connection-cable is as follows:

This fixture is equipped with an electronic power supply that will let the unit operate from 90V to 240V from 50Hz to 60Hz

Cable (USA)	Cable (EU)	Pin	110V	220V
Black	Brown	Live	L	L
White	Light Blue	Neutral	N	L
Green	Yellow/Green	Ground	⏚	⏚

110V Connection

220V Connection
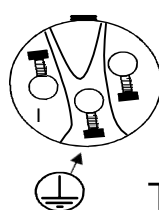
DMX-512 Connection

The fixture is equipped with 3 pin XLR Sockets for DMX input and output. The sockets are wired in parallel. Only use a shielded twisted pair cable designed for RS-485 and 3 pin XLR plugs and connectors in order to connect the controller with the fixture or the fixture with another.

DMX—input

DMX—output

1. Shield
2. Signal (-)
3. Signal (+)

MENU Map

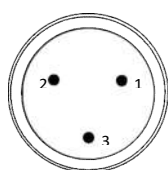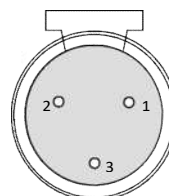| CH 8/11/41/113	DMX ADD	Red	Green	Blue	White
`CH11`	`A001`	`r000`	`0000`	`b000`	`H000`

Amber	UV	Program	Speed	Auto/Sound	Display Invert
`P000`	`U000`	`Pr01`	`SP01`	`Auto`	`dISP`

`CH11` **CHANNEL MODE** This function allows you to select channel mode 8CH/11CH/41CH/113CH. Press UP/DOWN to set desired mode, press ENTER to confirm setting.

`A001` **ADD SETTING** This function allows you to set desired dmx address on fixtures. Press UP/DOWN to get value, press ENTER to confirm setting.

`r000` **RED INTENSITY** This function allows you to dim red color intensity from 0 to 100%. Press UP/DOWN to get value, press ENTER to confirm setting.

`0000` **GREEN INTENSITY** This function allows you to dim green color intensity from 0 to 100%. Press UP/DOWN to get value, press ENTER to confirm setting.

`b000` **BLUE INTENSITY** This function allows you to dim blue color intensity from 0 to 100%. Press UP/DOWN to get value, press ENTER to confirm setting.

`H000` **WHITE INTENSITY** This function allows you to dim white color intensity from 0 to 100%. Press UP/DOWN to get value, press ENTER to confirm setting.

`P000` **AMBER INTENSITY** This function allows you to dim amber color intensity from 0 to 100%. Press UP/DOWN to get value, press ENTER to confirm setting.

`U000` **UV INTENSITY** This function allows you to dim uv color intensity from 0 to 100%. Press UP/DOWN to get value, press ENTER to confirm setting.

`Pr01` **PROGRAM** This function issues 30 kinds built-in programs, Press UP/DOWN to select desired effect from Pr01 to Pr30, Press ENTER to confirm setting.

`SP01` **SPEED** This function allows you to control speed of built-in programs from SP01 to SP16. Press Enter to confirm setting

AUTO/SPEED   This function allow you to set fixtures be stand-alone mode and sound mode. Press Enter to confirm setting.

DISPLAY   This function allows you to invert display manually. Press Enter to confirm setting.

DMX Profile

8CH	11CH	41CH	DMX Value	Description
1	1	1	000-255	Dimmer 0-100%
2	2	2	000-255	Strobe Slow to Fast
3	3	/	000-255	Red LED Intensity
4	4	/	000-255	Green LED Intensity
5	5	/	000-255	Blue LED Intensity
6	6	/	000-255	White LED Intensity
7	7	/	000-255	Amber LED Intensity
8	8	/	000-255	UV LED Intensity
/	/	3	000-255	Section 1 Red LED Intensity
/	/	4	000-255	Section 1 Green LED Intensity
/	/	5	000-255	Section 1 Blue LED Intensity
/	/	6	000-255	Section 1 White LED Intensity
/	/	7	000-255	Section 1 Amber LED Intensity
/	/	8	000-255	Section 1 UV LED Intensity
/	/	9	000-255	Section 2 Red LED Intensity
/	/	10	000-255	Section 2 Green LED Intensity
/	/	11	000-255	Section 2 Blue LED Intensity
/	/	12	000-255	Section 2 White LED Intensity
/	/	13	000-255	Section 2 Amber LED Intensity
/	/	14	000-255	Section 2 UV LED Intensity
/	/	15	000-255	Section 3 Red LED Intensity
/	/	16	000-255	Section 3 Green LED Intensity
/	/	17	000-255	Section 3 Blue LED Intensity
/	/	18	000-255	Section 3 White LED Intensity
/	/	19	000-255	Section 3 Amber LED Intensity
/	/	20	000-255	Section 3 UV LED Intensity
/	/	21	000-255	Section 4 Red LED Intensity
/	/	22	000-255	Section 4 Green LED Intensity
/	/	23	000-255	Section 4 Blue LED Intensity
/	/	24	000-255	Section 4 White LED Intensity

/	/	25	000-255	Section 4 Amber LED Intensity
/	/	26	000-255	Section 4 UV LED Intensity
/	/	27	000-255	Section 5 Red LED Intensity
/	/	28	000-255	Section 5 Green LED Intensity
/	/	29	000-255	Section 5 Blue LED Intensity
/	/	30	000-255	Section 5 White LED Intensity
/	/	31	000-255	Section 5 Amber LED Intensity
/	/	32	000-255	Section 5 UV LED Intensity
/	/	33	000-255	Section 6 Red LED Intensity
	/	34	000-255	Section 6 Green LED Intensity
/	/	35	000-255	Section 6 Blue LED Intensity
//	/	36	000-255	Section 6 White LED Intensity
/	/	37	000-255	Section 6 Amber LED Intensity
/	/	38	000-255	Section 6 UV LED Intensity
/	9	39	000-255	Macro
/	10	40	000-010	Work with CH1-CH9
			011-250	30 kinds Programs
			251-255	Sound
/	11	41	000-255	Speed Fast to Slow

113 CH	DMX Value	Description
1	000-255	Dimmer 0-100%
2	000-255	Strobe Slow to Fast
3	000-255	LED 1 Red Intensity
4	000-255	LED 1 Green Intensity
5	000-255	LED 1 Blue Intensity
6	000-255	LED 1 White Intensity
7	000-255	LED 1 Amber Intensity
8	000-255	LED 1 UV Intensity
9	000-255	LED 2 Red Intensity
10	000-255	LED 2 Green Intensity
11	000-255	LED 2 Blue Intensity
12	000-255	LED 2 White Intensity
13	000-255	LED 2 Amber Intensity
14	000-255	LED 2 UV Intensity
15	000-255	LED 3 Red Intensity
16	000-255	LED 3 Green Intensity
17	000-255	LED 3 Blue Intensity

18	000-255	LED 3 White Intensity
19	000-255	LED 3 Amber Intensity
20	000-255	LED 3 UV Intensity
21	000-255	LED 4 Red Intensity
22	000-255	LED 4 Green Intensity
23	000-255	LED 4 Blue Intensity
24	000-255	LED 4 White Intensity
25	000-255	LED 4 Amber Intensity
26	000-255	LED 4 UV Intensity
27	000-255	LED 5 Red Intensity
28	000-255	LED 5 Green Intensity
29	000-255	LED 5 Blue Intensity
30	000-255	LED 5 White Intensity
31	000-255	LED 5 Amber Intensity
32	000-255	LED 5 UV Intensity
33	000-255	LED 6 Red Intensity
34	000-255	LED 6 Green Intensity
35	000-255	LED 6 Blue Intensity
36	000-255	LED 6 White Intensity
37	000-255	LED 6 Amber Intensity
38	000-255	LED 6 UV Intensity
39	000-255	LED 7 Red Intensity
40	000-255	LED 7 Green Intensity
41	000-255	LED 7 Blue Intensity
42	000-255	LED 7 White Intensity
43	000-255	LED 7 Amber Intensity
44	000-255	LED 7 UV Intensity
45	000-255	LED 8 Red Intensity
46	000-255	LED 8 Green Intensity
47	000-255	LED 8 Blue Intensity
48	000-255	LED 8 White Intensity
49	000-255	LED 8 Amber Intensity
50	000-255	LED 8 UV Intensity
51	000-255	LED 9 Red Intensity
52	000-255	LED 9 Green Intensity
53	000-255	LED 9 Blue Intensity
54	000-255	LED 9 White Intensity
55	000-255	LED 9 Amber Intensity
56	000-255	LED 9 UV Intensity

57	000-255	LED 10 Red Intensity
58	000-255	LED 10 Green Intensity
59	000-255	LED 10 Blue Intensity
60	000-255	LED 10 White Intensity
61	000-255	LED 10 Amber Intensity
62	000-255	LED 10 UV Intensity
63	000-255	LED 11 Red Intensity
64	000-255	LED 11 Green Intensity
65	000-255	LED 11 Blue Intensity
66	000-255	LED 11 White Intensity
67	000-255	LED 11 Amber Intensity
68	000-255	LED 11 UV Intensity
69	000-255	LED 12 Red Intensity
70	000-255	LED 12 Green Intensity
71	000-255	LED 12 Blue Intensity
72	000-255	LED 12White Intensity
73	000-255	LED 12 Amber Intensity
74	000-255	LED 12 UV Intensity
75	000-255	LED 13 Red Intensity
76	000-255	LED 13Green Intensity
77	000-255	LED 13 Blue Intensity
78	000-255	LED 13 White Intensity
79	000-255	LED 13 Amber Intensity
80	000-255	LED 13 UV Intensity
81	000-255	LED 14Red Intensity
82	000-255	LED 14 Green Intensity
83	000-255	LED 14 Blue Intensity
84	000-255	LED 14 White Intensity
85	000-255	LED 14Amber Intensity
86	000-255	LED 14 UV Intensity
87	000-255	LED 15Red Intensity
88	000-255	LED 15 Green Intensity
89	000-255	LED 15 Blue Intensity
90	000-255	LED 15 White Intensity
91	000-255	LED 15Amber Intensity
92	000-255	LED 15 UV Intensity
93	000-255	LED 16 Red Intensity
94	000-255	LED 16 Green Intensity
95	000-255	LED 16 Blue Intensity

96	000-255	LED 16 White Intensity
97	000-255	LED 16 Amber Intensity
98	000-255	LED 16 UV Intensity
99	000-255	LED 17 Red Intensity
100	000-255	LED 17 Green Intensity
101	000-255	LED 17 Blue Intensity
102	000-255	LED 17 White Intensity
103	000-255	LED 17 Amber Intensity
104	000-255	LED 17 UV Intensity
105	000-255	LED 18 Red Intensity
106	000-255	LED 18 Green Intensity
107	000-255	LED 18 Blue Intensity
108	000-255	LED 18 White Intensity
109	000-255	LED 18 Amber Intensity
110	000-255	LED 18 UV Intensity
111	000-255	Macro
112	000-010	Work with CH1-CH9
	011-250	30 kinds Programs
	251-255	Sound
113	000-255	Speed Fast to Slow

Cleaning!

Due to fog residue, smoke, and dust cleaning the internal and external optical lenses must be carried out periodically to optimize light output.
1. Use normal glass cleaner and a soft cloth to wipe off the outside casing.
2. Clean the external optics with glass cleaner and a soft cloth every 20 days.
3. Always be sure to dry all parts completely before plugging the unit back in.
Cleaning frequency depends on the environment in which the unit operates (i.e. smoke, fog residue, dust, dew).

Unit not responding to DMX:

Check that the DMX cables are connected properly and are wired correctly (pin 3 is "hot"; on some other DMX devices pin 5 may be "hot"). Also, check that all cables are connected to the right connectors; it does matter which way the inputs and outputs are connected.