User Manual

iPixel Bar 60

Check that the unit has not been damaged during transport

Read all cautions and warnings
prior to operation of this
equipment

Protection Against Fire

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

Electrical

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

Protection against Mechanical Hazards

Mechanical

1. Use safety chain when hanging unit
2. Use quality clamps or bolts when positioning unit
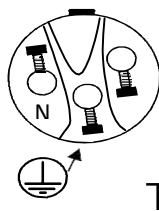3. Do not open unit while it is on, risk of electrical sho

Main Power Connection

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
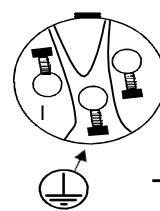
DMX-512 Connection

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 DISPLAY

$A001$ ⟶ $A512$

$CH96$ ⟶ $CH12$
⟶ $CH60$
⟶ $CH86$
⟶ $CH96$

$A512$ ⟶ $Auto$
⟶ $Sond$
⟶ $A512$

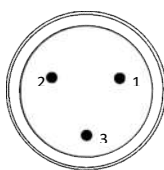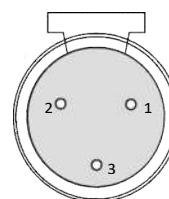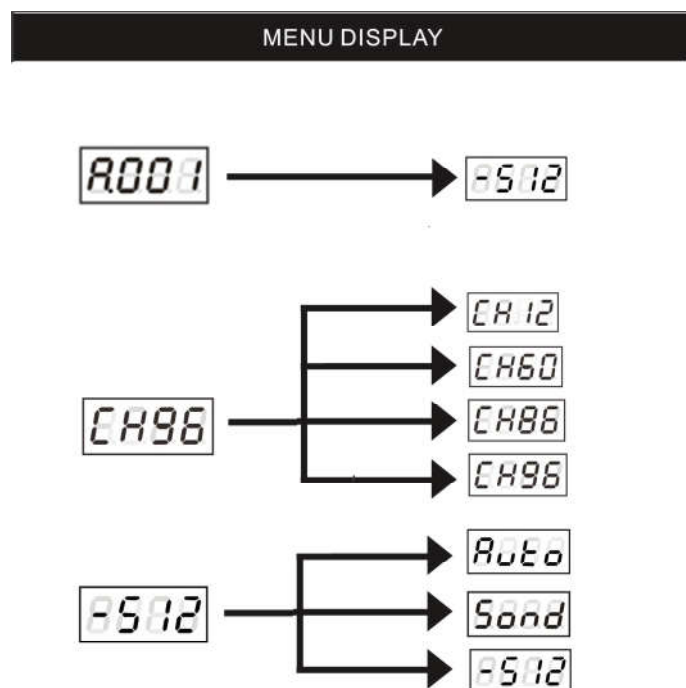$A001$ The function allows you select value from 001-512.Use the Up/Down keys to select the desired address. Press Enter to confirm.

$CH96$ The display will let you know which mode you are in Use the Up/Down keys to Select the desired mode. Press Enter to confirm.

$A512$ This function allow you operate the fixture via standard dmx 512 protocol *Press Enter to confirm.*

$Sond$ Press Enter to select sound control function. The function allow you operate the fixture via sound&music. Press Enter to confirm.

$Auto$ Press Enter to select stand-alone mode. The function allows you set the fixture run built-in programs. Press Enter to confirm.

DMX Profile

12CH	Function	Description	Value
1	Dimmer	0-100%	0-255
2	Strobe	Slow to fast	0-255
3	LED Color	White LED Intensity	0-255
4	LED Color	Red LED intensity	0-255
5	LED Color	Green LED intensity	0-255
6	LED Color	Blue LED intensity	0-255
7	Effect	White LED built-in effects	0-255
8	Speed	White LED built-in effects speed	0-255
9	Effect	RGB LED built-in effects	0-255
10	Speed	RGB LED built-in effects speed	0-255
11	Effect	RGB+W LED built-in effects	0-255
12	Speed	RGB+W LED built-in effects speed	0-255

60CH	Function	Description	Value
1	Dimmer	0-100%	0-255
2	Strobe	Slow to fast	0-255
3	LED Color	White LED Intensity	0-255
4	LED Color	Red LED intensity	0-255
5	LED Color	Green LED intensity	0-255
6	LED Color	Blue LED intensity	0-255
7	Effect	White LED built-in effects	0-255
8	Speed	White LED built-in effects speed	0-255
9	Effect	RGB LED built-in effects	0-255
10	Speed	RGB LED built-in effects speed	0-255
11	Effect	RGB+W LED built-in effects	0-255
12	Speed	RGB+W LED built-in effects speed	0-255
13	LED Color	White LED 1 Intensity	0-255

14	LED Color	White LED 2 Intensity	0-255
15	LED Color	White LED 3 Intensity	0-255
16	LED Color	White LED 4 Intensity	0-255
17	LED Color	White LED 5 Intensity	0-255
18	LED Color	White LED 6 Intensity	0-255
19	LED Color	White LED 7 Intensity	0-255
20	LED Color	White LED 8 Intensity	0-255
21	LED Color	White LED 9 Intensity	0-255
22	LED Color	White LED 10 Intensity	0-255
23	LED Color	White LED 11 Intensity	0-255
24	LED Color	White LED 12 Intensity	0-255
25	LED Color	Red LED Segment 1 Intensity	0-255
26	LED Color	Green LED Segment 1 Intensity	0-255
27	LED Color	Blue LED Segment 1 Intensity	0-255
28	LED Color	Red LED Segment 2 Intensity	0-255
29	LED Color	Green LED Segment 2 Intensity	0-255
30	LED Color	Blue LED Segment 2 Intensity	0-255
31	LED Color	Red LED Segment 3 Intensity	0-255
32	LED Color	Green LED Segment 3 Intensity	0-255
33	LED Color	Blue LED Segment 3 Intensity	0-255
34	LED Color	Red LED Segment 4 Intensity	0-255
35	LED Color	Green LED Segment 4 Intensity	0-255
36	LED Color	Blue LED Segment 4 Intensity	0-255
37	LED Color	Red LED Segment 5 Intensity	0-255
38	LED Color	Green LED Segment 5 Intensity	0-255
39	LED Color	Blue LED Segment 5 Intensity	0-255
40	LED Color	Red LED Segment 6 Intensity	0-255
41	LED Color	Green LED Segment 6 Intensity	0-255
42	LED Color	Blue LED Segment 6 Intensity	0-255
43	LED Color	Red LED Segment 7 Intensity	0-255

44	LED Color	Green LED Segment 7 Intensity	0-255
45	LED Color	Blue LED Segment 7 Intensity	0-255
46	LED Color	Red LED Segment 8 Intensity	0-255
47	LED Color	Green LED Segment 8 Intensity	0-255
48	LED Color	Blue LED Segment 8 Intensity	0-255
49	LED Color	Red LED Segment 9 Intensity	0-255
50	LED Color	Green LED Segment 9 Intensity	0-255
51	LED Color	Blue LED Segment 9 Intensity	0-255
52	LED Color	Red LED Segment 10 Intensity	0-255
53	LED Color	Green LED Segment 10 Intensity	0-255
54	LED Color	Blue LED Segment 10 Intensity	0-255
55	LED Color	Red LED Segment 11 Intensity	0-255
56	LED Color	Green LED Segment 11 Intensity	0-255
57	LED Color	Blue LED Segment 11 Intensity	0-255
58	LED Color	Red LED Segment 12 Intensity	0-255
59	LED Color	Green LED Segment 12 Intensity	0-255
60	LED Color	Blue LED Segment 12 Intensity	0-255

86CH	Function	Description	Value
1	Dimmer	0-100%	0-255
2	Strobe	Slow to fast	0-255
3	LED Color	White LED 1 Intensity	0-255
4	LED Color	White LED 2 Intensity	0-255
5	LED Color	White LED 3 Intensity	0-255
6	LED Color	White LED 4 Intensity	0-255
7	LED Color	White LED 5 Intensity	0-255
8	LED Color	White LED 6 Intensity	0-255
9	LED Color	White LED 7 Intensity	0-255
10	LED Color	White LED 8 Intensity	0-255
11	LED Color	White LED 9 Intensity	0-255

12	LED Color	White LED 10 Intensity	0-255
13	LED Color	White LED 11 Intensity	0-255
14	LED Color	White LED 12 Intensity	0-255
15	LED Color	Red LED Segment 1 Intensity	0-255
16	LED Color	Green LED Segment 1 Intensity	0-255
17	LED Color	Blue LED Segment 1 Intensity	0-255
18	LED Color	Red LED Segment 2 Intensity	0-255
19	LED Color	Green LED Segment 2 Intensity	0-255
20	LED Color	Blue LED Segment 2 Intensity	0-255
21	LED Color	Red LED Segment 3 Intensity	0-255
22	LED Color	Green LED Segment 3 Intensity	0-255
23	LED Color	Blue LED Segment 3 Intensity	0-255
24	LED Color	Red LED Segment 4 Intensity	0-255
25	LED Color	Green LED Segment 4 Intensity	0-255
26	LED Color	Blue LED Segment 4 Intensity	0-255
27	LED Color	Red LED Segment 5 Intensity	0-255
28	LED Color	Green LED Segment 5 Intensity	0-255
29	LED Color	Blue LED Segment 5 Intensity	0-255
30	LED Color	Red LED Segment 6 Intensity	0-255
31	LED Color	Green LED Segment 6 Intensity	0-255
32	LED Color	Blue LED Segment 6 Intensity	0-255
33	LED Color	Red LED Segment 7 Intensity	0-255
34	LED Color	Green LED Segment 7 Intensity	0-255
35	LED Color	Blue LED Segment 7 Intensity	0-255
36	LED Color	Red LED Segment 8 Intensity	0-255
37	LED Color	Green LED Segment 8 Intensity	0-255
38	LED Color	Blue LED Segment 8 Intensity	0-255
39	LED Color	Red LED Segment 9 Intensity	0-255
40	LED Color	Green LED Segment 9 Intensity	0-255
41	LED Color	Blue LED Segment 9 Intensity	0-255

42	LED Color	Red LED Segment 10 Intensity	0-255
43	LED Color	Green LED Segment 10 Intensity	0-255
44	LED Color	Blue LED Segment 10 Intensity	0-255
45	LED Color	Red LED Segment 11 Intensity	0-255
46	LED Color	Green LED Segment 11 Intensity	0-255
47	LED Color	Blue LED Segment 11 Intensity	0-255
48	LED Color	Red LED Segment 12 Intensity	0-255
49	LED Color	Green LED Segment 12 Intensity	0-255
50	LED Color	Blue LED Segment 12 Intensity	0-255
51	LED Color	Red LED Segment 13 Intensity	0-255
52	LED Color	Green LED Segment 13 Intensity	0-255
53	LED Color	Blue LED Segment 13 Intensity	0-255
54	LED Color	Red LED Segment 14 Intensity	0-255
55	LED Color	Green LED Segment 14 Intensity	0-255
56	LED Color	Blue LED Segment 14 Intensity	0-255
57	LED Color	Red LED Segment 11 Intensity	0-255
58	LED Color	Green LED Segment 15 Intensity	0-255
59	LED Color	Blue LED Segment 15 Intensity	0-255
60	LED Color	Red LED Segment 16 Intensity	0-255
61	LED Color	Green LED Segment 16 Intensity	0-255
62	LED Color	Blue LED Segment 16 Intensity	0-255
63	LED Color	Red LED Segment 17 Intensity	0-255
64	LED Color	Green LED Segment 17 Intensity	0-255
65	LED Color	Blue LED Segment 17 Intensity	0-255
66	LED Color	Red LED Segment 18 Intensity	0-255
67	LED Color	Green LED Segment 18 Intensity	0-255
68	LED Color	Blue LED Segment 18Intensity	0-255
69	LED Color	Red LED Segment 19 Intensity	0-255
70	LED Color	Green LED Segment 19 Intensity	0-255
71	LED Color	Blue LED Segment 19 Intensity	0-255

72	LED Color	Red LED Segment 20 Intensity	0-255
73	LED Color	Green LED Segment 20 Intensity	0-255
74	LED Color	Blue LED Segment 20 Intensity	0-255
75	LED Color	Red LED Segment 21 Intensity	0-255
76	LED Color	Green LED Segment 21 Intensity	0-255
77	LED Color	Blue LED Segment 21 Intensity	0-255
78	LED Color	Red LED Segment 22 Intensity	0-255
79	LED Color	Green LED Segment 22 Intensity	0-255
80	LED Color	Blue LED Segment 22 Intensity	0-255
81	LED Color	Red LED Segment 23 Intensity	0-255
82	LED Color	Green LED Segment 23 Intensity	0-255
83	LED Color	Blue LED Segment 23 Intensity	0-255
84	LED Color	Red LED Segment 24 Intensity	0-255
85	LED Color	Green LED Segment 24 Intensity	0-255
86	LED Color	Blue LED Segment 24Intensity	0-255

96CH	Function	Description	Value
1	Dimmer	0-100%	0-255
2	Strobe	Slow to fast	0-255
3	LED Color	White LED Intensity	0-255
4	LED Color	Red LED intensity	0-255
5	LED Color	Green LED intensity	0-255
6	LED Color	Blue LED intensity	0-255
7	Effect	White LED built-in effects	0-255
8	Speed	White LED built-in effects speed	0-255
9	Effect	RGB LED built-in effects	0-255
10	Speed	RGB LED built-in effects speed	0-255
11	Effect	RGB+W LED built-in effects	0-255
12	Speed	RGB+W LED built-in effects speed	0-255
13	LED Color	White LED 1 Intensity	0-255

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15	LED Color	White LED 3 Intensity	0-255
16	LED Color	White LED 4 Intensity	0-255
17	LED Color	White LED 5 Intensity	0-255
18	LED Color	White LED 6 Intensity	0-255
19	LED Color	White LED 7 Intensity	0-255
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21	LED Color	White LED 9 Intensity	0-255
22	LED Color	White LED 10 Intensity	0-255
23	LED Color	White LED 11 Intensity	0-255
24	LED Color	White LED 12 Intensity	0-255
25	LED Color	Red LED Segment 1 Intensity	0-255
26	LED Color	Green LED Segment 1 Intensity	0-255
27	LED Color	Blue LED Segment 1 Intensity	0-255
28	LED Color	Red LED Segment 2 Intensity	0-255
29	LED Color	Green LED Segment 2 Intensity	0-255
30	LED Color	Blue LED Segment 2 Intensity	0-255
31	LED Color	Red LED Segment 3 Intensity	0-255
32	LED Color	Green LED Segment 3 Intensity	0-255
33	LED Color	Blue LED Segment 3 Intensity	0-255
34	LED Color	Red LED Segment 4 Intensity	0-255
35	LED Color	Green LED Segment 4 Intensity	0-255
36	LED Color	Blue LED Segment 4 Intensity	0-255
37	LED Color	Red LED Segment 5 Intensity	0-255
38	LED Color	Green LED Segment 5 Intensity	0-255
39	LED Color	Blue LED Segment 5 Intensity	0-255
40	LED Color	Red LED Segment 6 Intensity	0-255
41	LED Color	Green LED Segment 6 Intensity	0-255
42	LED Color	Blue LED Segment 6 Intensity	0-255
43	LED Color	Red LED Segment 7 Intensity	0-255

44	LED Color	Green LED Segment 7 Intensity	0-255
45	LED Color	Blue LED Segment 7 Intensity	0-255
46	LED Color	Red LED Segment 8 Intensity	0-255
47	LED Color	Green LED Segment 8 Intensity	0-255
48	LED Color	Blue LED Segment 8 Intensity	0-255
49	LED Color	Red LED Segment 9 Intensity	0-255
50	LED Color	Green LED Segment 9 Intensity	0-255
51	LED Color	Blue LED Segment 9 Intensity	0-255
52	LED Color	Red LED Segment 10 Intensity	0-255
53	LED Color	Green LED Segment 10 Intensity	0-255
54	LED Color	Blue LED Segment 10 Intensity	0-255
55	LED Color	Red LED Segment 11 Intensity	0-255
56	LED Color	Green LED Segment 11 Intensity	0-255
57	LED Color	Blue LED Segment 11 Intensity	0-255
58	LED Color	Red LED Segment 12 Intensity	0-255
59	LED Color	Green LED Segment 12 Intensity	0-255
60	LED Color	Blue LED Segment 12 Intensity	0-255
61	LED Color	Red LED Segment 13 Intensity	0-255
62	LED Color	Green LED Segment 13 Intensity	0-255
63	LED Color	Blue LED Segment 13 Intensity	0-255
64	LED Color	Red LED Segment 14 Intensity	0-255
65	LED Color	Green LED Segment 14 Intensity	0-255
66	LED Color	Blue LED Segment 14 Intensity	0-255
67	LED Color	Red LED Segment 11 Intensity	0-255
68	LED Color	Green LED Segment 15 Intensity	0-255
69	LED Color	Blue LED Segment 15 Intensity	0-255
70	LED Color	Red LED Segment 16 Intensity	0-255
71	LED Color	Green LED Segment 16 Intensity	0-255
72	LED Color	Blue LED Segment 16 Intensity	0-255
73	LED Color	Red LED Segment 17 Intensity	0-255

74	LED Color	Green LED Segment 17 Intensity	0-255
75	LED Color	Blue LED Segment 17 Intensity	0-255
76	LED Color	Red LED Segment 18 Intensity	0-255
77	LED Color	Green LED Segment 18 Intensity	0-255
78	LED Color	Blue LED Segment 18Intensity	0-255
79	LED Color	Red LED Segment 19 Intensity	0-255
80	LED Color	Green LED Segment 19 Intensity	0-255
81	LED Color	Blue LED Segment 19 Intensity	0-255
82	LED Color	Red LED Segment 20 Intensity	0-255
83	LED Color	Green LED Segment 20 Intensity	0-255
84	LED Color	Blue LED Segment 20 Intensity	0-255
85	LED Color	Red LED Segment 21 Intensity	0-255
86	LED Color	Green LED Segment 21 Intensity	0-255
87	LED Color	Blue LED Segment 21 Intensity	0-255
88	LED Color	Red LED Segment 22 Intensity	0-255
89	LED Color	Green LED Segment 22 Intensity	0-255
90	LED Color	Blue LED Segment 22 Intensity	0-255
91	LED Color	Red LED Segment 23 Intensity	0-255
92	LED Color	Green LED Segment 23 Intensity	0-255
93	LED Color	Blue LED Segment 23 Intensity	0-255
94	LED Color	Red LED Segment 24 Intensity	0-255
95	LED Color	Green LED Segment 24 Intensity	0-255
96	LED Color	Blue LED Segment 24Intensity	0-255

Specification

- Working Position: Any safe working position
- Voltage: 90-250V / 50~60Hz
- Power: 60W
- LED Lamp : Warm white 3W X12pcs
- 5050 MSD 3in1 RGB LED X72pcs
- DMX Channel: 12/60/86/96 channel mode
- Lens angle: 4degree
- Protection rating: IP20
- RGB color mixing and backlight pixel control

● Warranty: **1 Year**

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).

<u>Unit not responding to DMX:</u>

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.