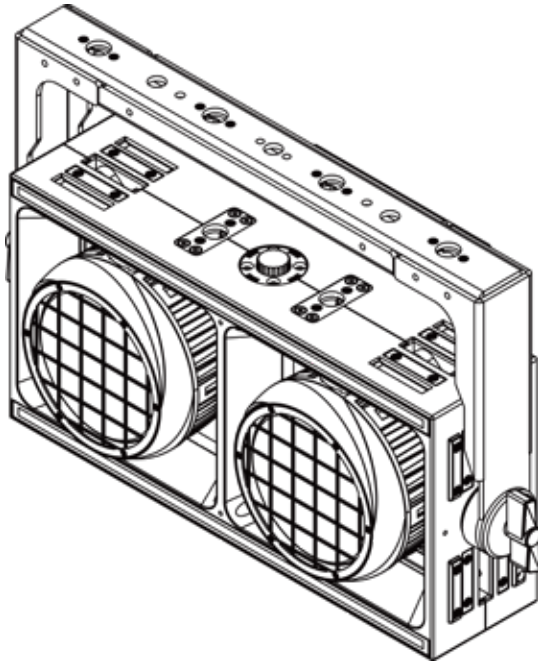


User Manual



LEDING
D-BOLT™



Please read carefully before use

Please Note: Specifications and improvements in the design of this unit and this manual are subject to change without any prior written notice.

SAFETY INTRODUCTION

Before you operate this unit read the manual carefully. Always make sure to include the manual if you pass/rent/sell the unit to another user. Keep in mind that this manual cannot address all possible dangers and environments. Please use your own caution when operating. This product is for professional use only. It is not for household use.



- Do not operate the unit in areas of high temperature conditions. It will cause abnormal function or damage the product.
- Always use a suitable safety wire when mounting the light overhead.
- Connect the safety wire only to the intended safety mount.
- Always follow local safety requirements.



- Only qualified personnel may repair this product.
- Do not open the product housing.
- Do not apply power if the light is damaged.



- Do not directly look into the light.
- It can cause harm to your eyes.
- Do not look at the LEDs with a magnifying glass or any other optical instrument that may concentrate the light output.
- Please don't look at the light directly when the light's radiation temperature reach 40 °C



- The exterior surfaces of the light can become hot, up to 55°C during normal operation.
- Ensure that accidental physical contact with the device is impossible.
- Install only in ventilated locations.
- Do not cover the light.



- Always charge with the flight case open.
- It is recommended to charge at a temperature between 15°C and 35°C



- Do not look directly at the light source.



- Don't throw the unit into the garbage at the end of its lifetime.
- Make sure to dispose is according to your local ordinances and/or regulations, to avoid polluting the environment!
- The packaging is recyclable and can be disposed.



—2.0m ta 45 °C

GENERAL PRODUCT INFORMATION

1. Standard Configuration

- 1x D-BOLT W
- 1x True one power cable

In addition, we offer a range of professional accessories (optional). Please see under menu or at our website www.leding.pt

2. Control Functions

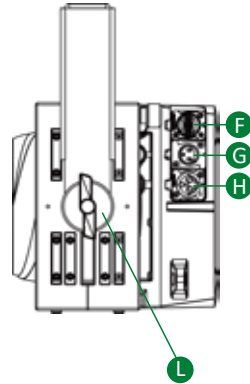
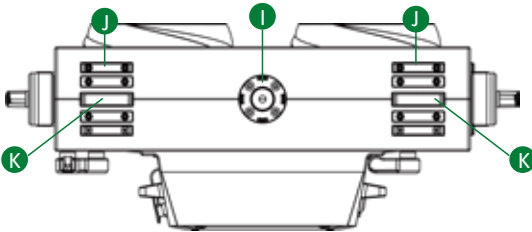
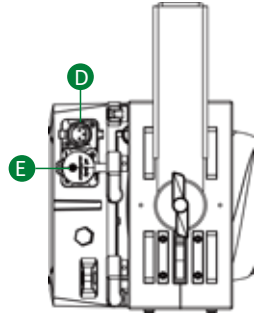
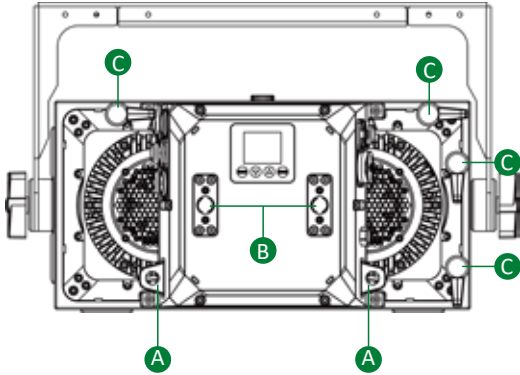
- 1CH.2CH.4CH.5CH.8CH.11CH.14CH.P8CH.P16CH.P32CH.P34CH.P41CH.P43CH.255CH
- Master&Slave mode
- CRMX Wireless DMX(optional)
- VISION APP(optional)

3. Features

- Light Source: Main Led Panel:2*300W Red+Amber+WW
Auxiliary Led Panel:2*16*2W CW/WW
- Native beam angle(s):50°
- Initial field of view (spot angle):93°
- Power consumption: 700W
- Voltage: 100~240V/ 50~60Hz
- Light output all LEDs on(Main+Auxiliary):39094 LM
- Run Mode: DMX 512 /Master Slave/Auto Run
- Built-in Effect: color mixing, variable color chasing, strobing and fading.
- Maximum 66 ID setting for easy separately control
- Wireless DMX from Sweden
- 10 internal programs and 10 customerize programs
- 4 different dimming curve
- Smart temperature control
- Working time record
- Material: Aluminum body
- Painting: an-ti salt & an-ti UV
- TFT displayer with four buttons
- LCD Touch Screen
- IP65
- Temperature: -40℃~45℃
- N.W: 9.51 KG
- Dimensions: 495x 299 x 199mm

INSTALLATION&SETUP

1. Connections




- A: Safety rope hole
- B: Mounting point for fast lock
- C: Knob
- D: DMX OUT
- E: Power OUT
- F: USB port
- G: DMX IN
- H: POWER IN
- I: C-Lock system
- J: Magnetic
- K: Mounting point for handle
- L: Handle-removable

OPERATION

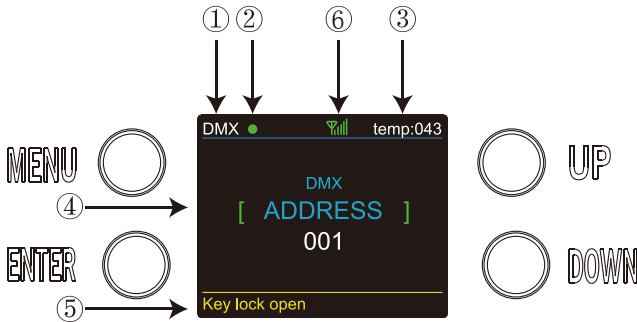
1. Control Display

 LCD Touch Screen

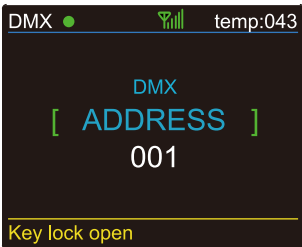
  Press arrows to scroll up and down inside the menu and change values, such as DMX address

 Press ENTER to access theselection menu for system settings or confirm changes

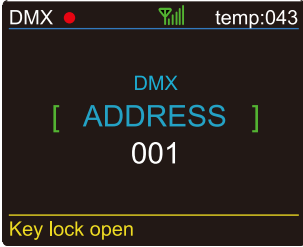
2. Displayer Introduction



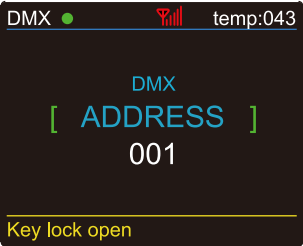
1. When you enter DMX Mode, it will be showed DMX, when you enter SLAVE Mode, it will be showed SLAVE.
2. This shows the condition of signal transmission. Green is connected. Red is disconnected.
3. This shows the temperature of the lights.
4. This shows the menus you can select.
5. This shows the condition of key lock. "Key lock open" means it is open and "Key lock off" means it is close.
6. This shows the condition of wireless signal. Green is connected. Red is disconnected.



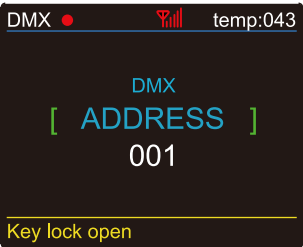
While DMX and Wireless signal are green, it means DMX Mode and Wireless are connected.



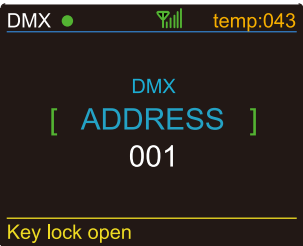
While DMX shows red but Wireless signal shows green, it means DMX Mode is disconnected and Wireless is connected.



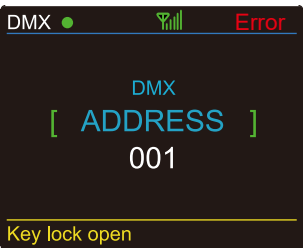
While DMX shows green but Wireless signal shows red, it means DMX Mode is connected and Wireless is disconnected.



While DMX and Wireless are shown red, it means DMX Mode and Wireless are disconnected.

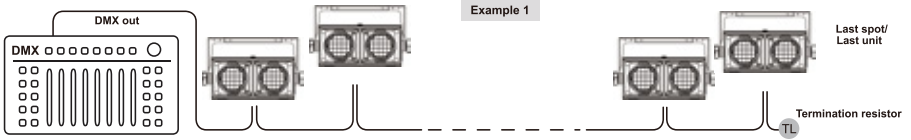


While the letters and number show change from white to yellow, it means the temperature is beyond the maximum temperature of default settings.

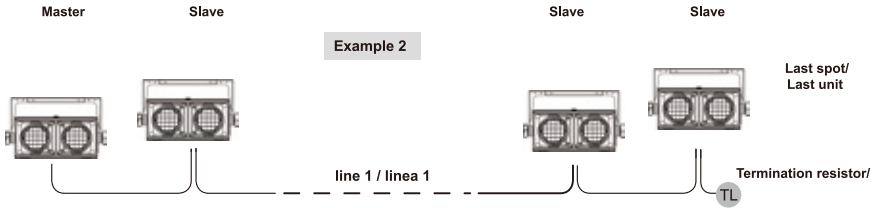


While the letters and number show Error, it means there are some problems with the temperature.

3. DMX connection



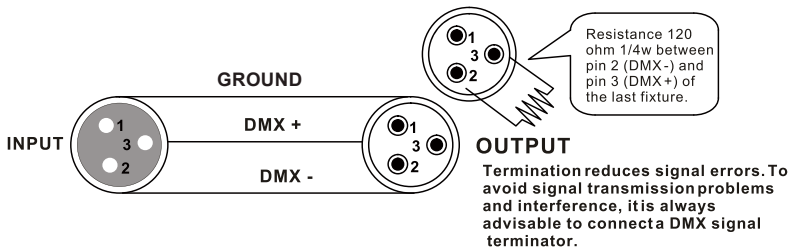
4. Master / Slave connection



5. CABLE CONNECTORS

Cabling must have a male XLR connector on one's end and a female XLR connector on the other's end.

DMX connector configuration



Caution: Do not allow contact between the ground and the fixture's chassis ground. Grounding the ground can cause a ground loop, and your fixture may perform erratically. Test cables with an ohm meter to verify positive pole and to make sure the pins are not grounded or shorted to the shield or each other.

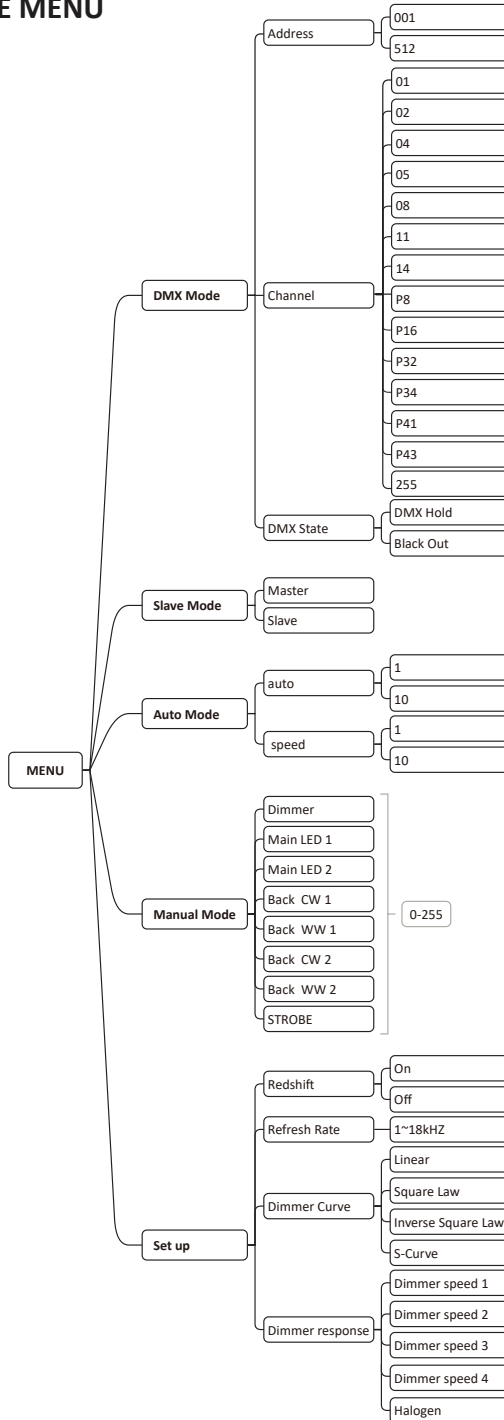
3-PIN TO 5-PIN CONVERSION CHART

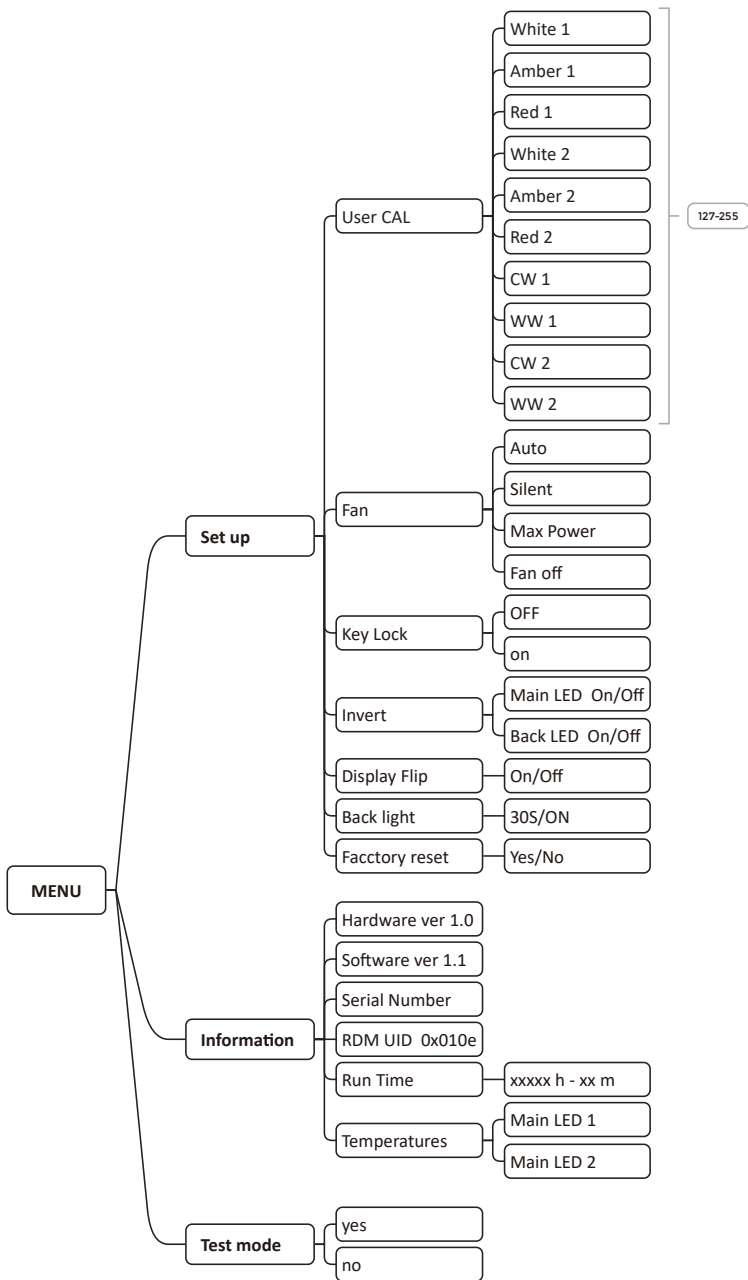
Please note if you use a controller with a 5 pin DMX output connector, you need to use a 5 pin to 3 pin adapter. The chart below details a proper cable conversion:

3-PIN TO 5-PIN CONVERSION CHART

Conductor	3 Pin Female (output)	5 Pin Male (Input)
Ground/Shield	Pin 1	Pin 1
Data (-) signal	Pin 2	Pin 2
Data (+) signal	Pin 3	Pin 3
Do not use		Do not use
Do not use		Do not use

PROGRAMME MENU





DMX Address and Channels Mode-In these menu,you can connect several pieces of lights with DMX cable and control them with control console.

1. Press "ENTER" and then press "UP" or "DOWN" to "DMX Address" or "Channels Mode" and press "ENTER".

1) "XXX" will be showed in "DMX Address", "XXX" means the Address 1-512. You can press "UP" or "DOWN" to select the address you desired.

2) "Channel [xx]" will be showed in "Channels Mode", "XX" means 13 kinds of DMX Channels Modes. You can press "UP" or "DOWN" to select the Channel Mode you desired.

3) DMX STATE-In this menu,you can choose the DMX signal you desired. Press "ENTER" and you can choose "BLACKOUT" or "DMX HOLD";"BLACKOUT" means cut off the DMX signal and "DMX HOLD" means connect DMX signal.

SLAVE MODE-In this menu, you can select one light as the MASTER light and other lights in SLAVE Mode will run following the MASTER light.

1. Press "ENTER" and then press "UP" or "DOWN" to "SLAVE Mode".

2.Press "ENTER" and "SLAVE" will be showed, then press "ENTER" to select.

AUTO MODE-In this menu, you can select your desire AUTO Mode and adjust the running speed.

1. Press "ENTER" and then press "UP" or "DOWN" to "AUTO MODE".

2. Press "ENTER" then "SPEED" or "AUTO MODE" is showed.Then press "ENTER" and you can see 2 items as below:

1) SPEED - It provides "01-10" for you choose.

2) AUTO MODE - It provides "AUTO 1- AUTO 11" for you choose.

Manual MODE-In this menu,you can select red,green,blue,white,strobe and Color you desired.

1. Press "ENTER" and then press "UP" or "DOWN" to "MANUAL MODE".

2. Press "ENTER" and there has 8 options then press "UP" or "DOWN" to select the value you desired as below:

1) Dimmer - You can adjust the overall brightness in this menu.

2) Main LED 1 - You can adjust the Main LED 1 brightness in this menu.

3) Main LED 2 - You can adjust the Main LED 2 brightness in this menu.

4) Back CW 1 - You can adjust the Back CW 1 brightness in this menu.

5) Back WW 1 - You can adjust the Back WW 1 brightness in this menu.

6) Back CW 2 - You can adjust the Back CW 2 brightness in this menu.

7) Back WW 2 - You can adjust the Back WW 2 brightness in this menu.

8) STROBE - You can adjust the speed of strobe in this menu.

SET UP-In this menu, you can adjust the value of the function.

1. Press "ENTER" and then press "UP" or "DOWN" to "SET UP".

2. Press "ENTER" and there has 7 options then press "ENTER" to select the options and press "UP" or "DOWN" to select the value you desired as below:

1)RedShift - In this item,the lamp displays the halogen effect when you select ON,and the lamp turns off the halogen effect when you select OFF.

2)Refresh Rate - it provides 1-18KHz of refresh rates for your choose.

3)Dimmer Curve - It provides 4 kinds of dimmer curves for you choose.

4)Dimmer response - It provides 5 kinds of dimmer speed for you choose.

5)User CAL - You can adjust the brightness of white 1, amber 1, red 1, white 2, amber 2, red 2, CW 1, WW 1, CW 2, WW 2.

6)Fan - You can adjust the speed of the fan.

7)Key Lock - You can select "OFF" or "ON" to make the Key Lock turn off all the time or turns on.

8)Invert - You can select the Main LED or Back LED On/Off.

9)Display Flip - You can turn on/off the display flip.

10)Back light - You can choose turn on the backlight all the time or choose turn off 30s later.

11)FACTORY RESET-In this item, you can reset all the value of the system.

INFORMATION-In this menu, you can learn about the information of RDM, software, hardware , serial number, temperatures and the run time of the light.

1. Press “ENTER” and then press “UP” or “DOWN” to “INFORMATION”.

2. Press “ENTER” and select “RDM” , “Serial number”, “Temperatures”, “Software” , “Hardware” or “Run times”.Then press “ENTER”,you can see 6 items as below:

- 1) Hardware - It shows the Hardware information.
- 2) Software - It shows the Software information.
- 3) Serial number - It shows the serial number information.
- 4) RDMUID - It shows RDM information.
- 5) Run times - It shows the working hours of the light.
- 6) Temperatures - It shows the temperatures of the light.

Test mode - In this menu,you can test if the fixture work normally.

DMX CONTROL MODE

1 CHANNELS		
Channel	Value	Function
1	000 - 255	Dimmer

2 channels		
Channel	Value	Function
1	000 - 255	Dimmer 1
2	000 - 255	Dimmer 2

4 CHANNELS		
Channel	Value	Function
1	000 - 255	Dimmer
2	000 - 255	Dimmer Curve
3	000 - 255	Dimmer Response
4 Redshift	000 - 084	No Function - Current Preset from Menu Settings
	085 - 170	Redshift Off
	171 - 255	Redshift On

5 CHANNELS		
Channel	Value	Function
1	000 - 255	Master Dimmer
2	000 - 255	Shutter
3	000 - 255	Duration
4	000 - 255	Dimmer 1
5	000 - 255	Dimmer 2

8 CHANNELS		
Channel	Value	Function
1	000 - 255	Master dimmer
2 Shutter	000 - 019	Shutter close
	020 - 024	Shutter open
	025 - 064	Strobe 1(fast to slow)
	065 - 069	Shutter open
	070 - 084	Strobe 2: opening pulse(fast to slow)
	085 - 089	Shutter open
	090 - 104	Strobe 3: closing pulse(fast to slow)
	105 - 109	Shutter open
	110 - 124	Strobe 4: random strobe(fast to slow)
	125 - 129	Shutter open
	130 - 144	Strobe 5: random opening pulse(fast to slow)
	145 - 149	Shutter open
	150 - 164	Strobe 6: random closing pulse(fast to slow)
	165 - 169	Shutter open
	170 - 184	Strobe 7:burst pulse(fast to slow)
	185 - 189	Shutter open
	190 - 204	Strobe 8:random burst pulse(fast to slow)
205 - 209	Shutter open	
210 - 224	Strobe 9:sine wave(fast to slow)	
225 - 229	Shutter open	
230 - 244	Strobe 10:burst(fast to slow)	
245 - 255	Shutter open	
3	000 - 255	Duration 0- 100% (0ms - 510ms)
4	000 - 255	dimmer 1 (eye 1)
5	000 - 255	dimmer 2 (eye 2)
6 Dimmer curve	000 - 51	No Function - Current Preset from Menu Settings
	052-101	Linear Dimmer Curve
	102-152	Square Law
	153-203	Inverse Square Law
	204-255	S-Curve
7 Dimmer response	000-042	No Function - Current Preset from Menu Settings
	043-084	Dimmer speed 1
	085-126	Dimmer speed 2
	127-168	Dimmer speed 3
	169-210	Dimmer speed 4
	211-255	Halogen
8 Redshift	000 - 084	No Function - Current Preset from Menu Settings
	085 - 170	Redshift Off
	171 - 255	Redshift On

11 CHANNELS		
Channel	Value	Function
1	000 - 255	Master dimmer
2 Shutter	000 - 019	Shutter close
	020 - 024	Shutter open
	025 - 064	Strobe 1(fast to slow)
	065 - 069	Shutter open
	070 - 084	Strobe 2: opening pulse(fast to slow)
	085 - 089	Shutter open
	090 - 104	Strobe 3: closing pulse(fast to slow)
	105 - 109	Shutter open
	110 - 124	Strobe 4: random strobe(fast to slow)
	125 - 129	Shutter open
	130 - 144	Strobe 5: random opening pulse(fast to slow)
	145 - 149	Shutter open
	150 - 164	Strobe 6: random closing pulse(fast to slow)
	165 - 169	Shutter open
	170 - 184	Strobe 7:burst pulse(fast to slow)
	185 - 189	Shutter open
	190 - 204	Strobe 8:random burst pulse(fast to slow)
	205 - 209	Shutter open
210 - 224	Strobe 9:sine wave(fast to slow)	
225 - 229	Shutter open	
230 - 244	Strobe 10:burst(fast to slow)	
245 - 255	Shutter open	
3	000 - 255	Duration 0 - 100% (0ms - 510ms)
4	000 - 255	dimmer 1 (eye 1)
5	000 - 255	dimmer 2 (eye 2)
6 Dimmer curve	000 - 51	No Function - Current Preset from Menu Settings
	052-101	Linear Dimmer Curve
	102-152	Square Law
	153-203	Inverse Square Law
	204-255	S-Curve
7 Dimmerr response	000-042	No Function - Current Preset from Menu Settings
	043-084	Dimmer speed 1
	085-126	Dimmer speed 2
	127-168	Dimmer speed 3
	169-210	Dimmer speed 4
	211-255	Halogen
8 Redshift	000 - 084	No Function - Current Preset from Menu Settings
	085 - 170	Redshift Off
	171 - 255	Redshift On
9	000-255	Auto effect
10	000-255	Auto speed
11	000-255	Device Setting

14 CHANNELS		
Channel	Value	Function
1	000 - 255	Master Dimmer
2	000 - 255	Master Dimmer fine
3	000 - 019	Shutter close
	020 - 024	Shutter open
	025 - 064	Strobe 1(fast to slow)
	065 - 069	Shutter open
	070 - 084	Strobe 2: opening pulse(fast to slow)
	085 - 089	Shutter open
	090 - 104	Strobe 3: closing pulse(fast to slow)
	105 - 109	Shutter open
	110 - 124	Strobe 4: random strobe(fast to slow)
	125 - 129	Shutter open
	130 - 144	Strobe 5: random opening pulse(fast to slow)
	145 - 149	Shutter open
	150 - 164	Strobe 6: random closing pulse(fast to slow)
	165 - 169	Shutter open
	170 - 184	Strobe 7:burst pulse(fast to slow)
	185 - 189	Shutter open
	190 - 204	Strobe 8:random burst pulse(fast to slow)
	205 - 209	Shutter open
210 - 224	Strobe 9:sine wave(fast to slow)	
225 - 229	Shutter open	
230 - 244	Strobe 10:burst(fast to slow)	
245 - 255	Shutter open	
4	000 - 255	Duration 0 - 100% (0ms - 510ms)
5	000 - 255	dimmer 1 (eye 1)
6	000 - 255	dimmer 1 fine
7	000 - 255	dimmer 2 (eye 2)
8	000 - 255	dimmer 2 fine
9	000 - 51	No Function - Current Preset from Menu Settings
	052-101	Linear Dimmer Curve
	102-152	Square Law
	153-203	Inverse Square Law
	204-255	S-Curve
10	000-042	No Function - Current Preset from Menu Settings
	043-084	Dimmer speed 1
	085-126	Dimmer speed 2
	127-168	Dimmer speed 3
	169-210	Dimmer speed 4
	211-255	Halogen
11	000 - 084	No Function - Current Preset from Menu Settings
	085 - 170	Redshift Off
	171 - 255	Redshift On
12	000-255	Auto effect
13	000-255	Auto speed
14	000-255	Device setting

Pixel 8 CHANNELS		
Channel	Value	Function
1	000 - 255	CW1
2	000 - 255	WW1
3	000 - 255	CW2
4	000 - 255	WW2
5	000 - 255	CW3
6	000 - 255	WW3
7	000 - 255	CW4
8	000 - 255	WW4

Pixel 16 CHANNELS		
Channel	Value	Function
1	000 - 255	CW1
2	000 - 255	WW1
3	000 - 255	CW2
4	000 - 255	WW2
5	000 - 255	CW3
6	000 - 255	WW3
7	000 - 255	CW4
8	000 - 255	WW4
9	000 - 255	CW5
10	000 - 255	WW5
11	000 - 255	CW6
12	000 - 255	WW6
13	000 - 255	CW7
14	000 - 255	WW7
15	000 - 255	CW8
16	000 - 255	WW8

Pixel 32 CHANNELS		
Channel	Value	Function
1	000 - 255	CW1
2	000 - 255	WW1
3	000 - 255	CW2
4	000 - 255	WW2
5	000 - 255	CW3
6	000 - 255	WW3
7	000 - 255	CW4
8	000 - 255	WW4
9	000 - 255	CW5
10	000 - 255	WW5
11	000 - 255	CW6
12	000 - 255	WW6
13	000 - 255	CW7
14	000 - 255	WW7
15	000 - 255	CW8
16	000 - 255	WW8
17	000 - 255	CW9
18	000 - 255	WW9
19	000 - 255	CW10
20	000 - 255	WW10
21	000 - 255	CW11
22	000 - 255	WW11
23	000 - 255	CW12
24	000 - 255	WW12
25	000 - 255	CW13
26	000 - 255	WW13
27	000 - 255	CW14
28	000 - 255	WW14
29	000 - 255	CW15
30	000 - 255	WW15
31	000 - 255	CW16
32	000 - 255	WW16

Pixel 34 channels		
1	000 - 255	Dimmer 1(eye 1)
2	000 - 255	Dimmer 2(eye 2)
3	000 - 255	CW1
4	000 - 255	WW1
5	000 - 255	CW2
6	000 - 255	WW2
7	000 - 255	CW3
8	000 - 255	WW3
9	000 - 255	CW4
10	000 - 255	WW4
11	000 - 255	CW5
12	000 - 255	WW5
13	000 - 255	CW6
14	000 - 255	WW6
15	000 - 255	CW7
16	000 - 255	WW7
17	000 - 255	CW8
18	000 - 255	WW8
19	000 - 255	CW9
20	000 - 255	WW9
21	000 - 255	CW10
22	000 - 255	WW10
23	000 - 255	CW11
24	000 - 255	WW11
25	000 - 255	CW12
26	000 - 255	WW12
27	000 - 255	CW13
28	000 - 255	WW13
29	000 - 255	CW14
30	000 - 255	WW14
31	000 - 255	CW15
32	000 - 255	WW15
33	000 - 255	CW16
34	000 - 255	WW16

Pixel 41 CHANNELS		
Channel	Value	Function
1	000 - 255	Dimmer
2	000 - 255	Shutter
3	000 - 255	Duration 0 - 100% (0ms - 510ms)
4	000 - 255	Dimmer Curve
5	000 - 255	Dimmer Response
6	000 - 255	Redshift
7	000 - 255	Dimmer 1 (eye 1)
8	000 - 255	Dimmer 2 (eye 2)
9	000 - 255	CW1
10	000 - 255	WW1
11	000 - 255	CW2
12	000 - 255	WW2
13	000 - 255	CW3
14	000 - 255	WW3
15	000 - 255	CW4
16	000 - 255	WW4
17	000 - 255	CW5
18	000 - 255	WW5
19	000 - 255	CW6
20	000 - 255	WW6
21	000 - 255	CW7
22	000 - 255	WW7
23	000 - 255	CW8
24	000 - 255	WW8
25	000 - 255	CW9
26	000 - 255	WW9
27	000 - 255	CW10
28	000 - 255	WW10
29	000 - 255	CW11
30	000 - 255	WW11
31	000 - 255	CW12
32	000 - 255	WW12
33	000 - 255	CW13
34	000 - 255	WW13
35	000 - 255	CW14
36	000 - 255	WW14
37	000 - 255	CW15
38	000 - 255	WW15
39	000 - 255	CW16
40	000 - 255	WW16
41	000 - 255	Device setting

Pixel 43 CHANNELS		
Channel	Value	Function
1	000 - 255	Master dimmer
2 Shutter	000 - 019	Shutter close
	020 - 024	Shutter open
	025 - 064	Strobe 1(fast to slow)
	065 - 069	Shutter open
	070 - 084	Strobe 2: opening pulse(fast to slow)
	085 - 089	Shutter open
	090 - 104	Strobe 3: closing pulse(fast to slow)
	105 - 109	Shutter open
	110 - 124	Strobe 4: random strobe(fast to slow)
	125 - 129	Shutter open
	130 - 144	Strobe 5: random opening pulse(fast to slow)
	145 - 149	Shutter open
	150 - 164	Strobe 6: random closing pulse(fast to slow)
	165 - 169	Shutter open
	170 - 184	Strobe 7:burst pulse(fast to slow)
	185 - 189	Shutter open
	190 - 204	Strobe 8:random burst pulse(fast to slow)
	205 - 209	Shutter open
	210 - 224	Strobe 9:sine wave(fast to slow)
	225 - 229	Shutter open
230 - 244	Strobe 10:burst(fast to slow)	
245 - 255	Shutter open	
3	000 - 255	Duration 0 - 100% (0ms - 510ms)
4 Dimmer curve	000 - 51	No Function - Current Preset from Menu Settings
	052-101	Linear Dimmer Curve
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5 Dimmerr response	000-042	No Function - Current Preset from Menu Settings
	043-084	Dimmer speed 1
	085-126	Dimmer speed 2
	127-168	Dimmer speed 3
	169-210	Dimmer speed 4
211-255	Halogen	
6 Redshift	000 - 084	No Function - Current Preset from Menu Settings
	085 - 170	Redshift Off
	171 - 255	Redshift On

7	000 - 255	dimmer 1 (eye 1)
8	000 - 255	dimmer 2 (eye 2)
9	000 - 255	CW1
10	000 - 255	WW1
11	000 - 255	CW2
12	000 - 255	WW2
13	000 - 255	CW3
14	000 - 255	WW3
15	000 - 255	CW4
16	000 - 255	WW4
17	000 - 255	CW5
18	000 - 255	WW5
19	000 - 255	CW6
20	000 - 255	WW6
21	000 - 255	CW7
22	000 - 255	WW7
23	000 - 255	CW8
24	000 - 255	WW8
25	000 - 255	CW9
26	000 - 255	WW9
27	000 - 255	CW10
28	000 - 255	WW10
29	000 - 255	CW11
30	000 - 255	WW11
31	000 - 255	CW12
32	000 - 255	WW12
33	000 - 255	CW13
34	000 - 255	WW13
35	000 - 255	CW14
36	000 - 255	WW14
37	000 - 255	CW15
38	000 - 255	WW15
39	000 - 255	CW16
40	000 - 255	WW16
41	000-255	Auto effect
42	000-255	Auto speed
43	000-255	Device setting

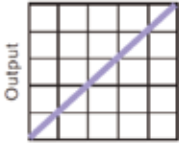
Device setting		
0	14	no function
15	19	1Khz
20	24	2Khz
25	29	3Khz
30	34	4Khz
35	39	5Khz
40	44	6Khz
45	49	7Khz
50	54	8Khz
55	59	9Khz
60	64	10Khz
65	69	11Khz
70	74	12Khz
75	79	13Khz
80	84	14Khz
85	89	15Khz
90	94	16Khz
95	99	17Khz
100	104	18Khz
105	109	no function
110	114	Fan Auto
115	119	Fan Silent
120	124	Fan Max Power
125	129	Fan off
130	134	no function
135	139	Key lock off
140	144	Key lock on
145	174	no function
175	179	Display Flip On
180	184	Display Flip Off
185	189	no function
190	194	Display Back Light On
195	199	Display Back Light 30S
200	255	no function

Auto effect		
21	45	Auto 1
46	71	Auto 2
72	97	Auto 3
98	123	Auto 4
124	149	Auto 5
150	175	Auto 6
176	201	Auto 7
202	227	Auto 8
228	253	Auto 9
254	255	Auto 10

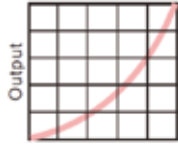
Auto speed		
21	27	Auto Speed 1
28	55	Auto Speed 2
56	83	Auto Speed 3
84	111	Auto Speed 4
112	139	Auto Speed 5
140	167	Auto Speed 6
168	195	Auto Speed 7
196	223	Auto Speed 8
224	251	Auto Speed 9
252	255	Auto Speed 10

Dimmer curve	000 - 51	No Function - Current Preset from Menu Settings
	052-101	Linear Dimmer Curve
	102-152	Square Law
	153-203	Inverse Square Law
	204-255	S-Curve
Dimmer response	000-042	No Function - Current Preset from Menu Settings
	043-084	Dimmer speed 1
	085-126	Dimmer speed 2
	127-168	Dimmer speed 3
	169-210	Dimmer speed 4
	211-255	Halogen
Redshift	000 - 084	No Function - Current Preset from Menu Settings
	085 - 170	Redshift Off
	171 - 255	Redshift On

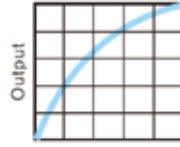
DIMMER CURVE



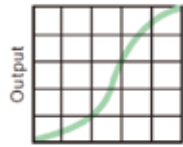
DMX %
LINEAR



DMX %
SQUARE LAW

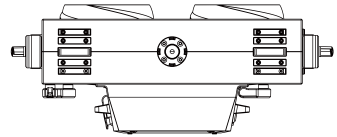
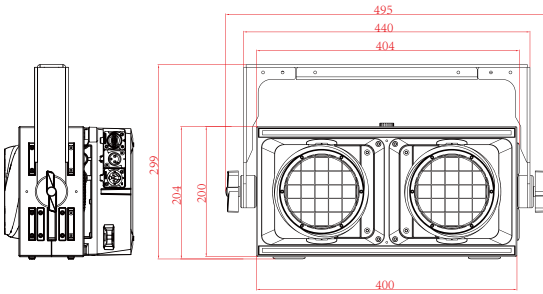


DMX %
INVERSE SQUARE LAW

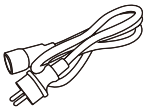


DMX %
S-CURVE

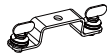
MECHANICAL SPECIFICATION



ACCESSORY



Power cable



Fast lock

OPTIONAL ACCESSORIES



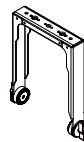
Halogen lens



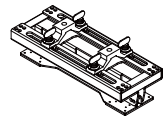
Frosted lens



Fresnel lens



Yoke



Rigging Backet

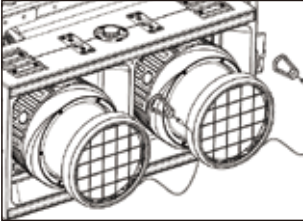
RDM

Parameter ID	Command 'Discovery'	Command 'Set'	Command 'Get'
DISC_UNIQUE_BRANCH	√		
DISC_MUTE	√		
DISC_UN_MUTE	√		
DEVICE_INFO			√
SUPPORTED_PARAMETERS			√
SOFTWARE_VERSION_LABEL			√
DMX_START_ADDRESS		√	√
IDENTIFY_DEVICE		√	√
DEVICE_MODEL_DESCRIPTION			√
PARAMETER_DESCRIPTION			√
MANUFACTURER_LABEL			√
DEVICE_LABEL		√	√
FACTORY_DEFAULTS		√	√
BOOT_SOFTWARE_VERSION_ID			√
BOOT_SOFTWARE_VERSION_LABEL			√
DMX_PERSONALITY		√	√
DMX_PERSONALITY_DESCRIPTION			√
SLOT_INFO			√
SLOT_DESCRIPTION			√
SENSOR_DEFINITION			√
SENSOR_VALUE			√
DEVICE_HOURS			√
LAMP_HOURS			√
RESET_DEVICE		√	
CURVE		√	√
DMX STATE		√	√
DIMMER SPEED		√	√
“√”-executable command; “x”-to-be-updated command			

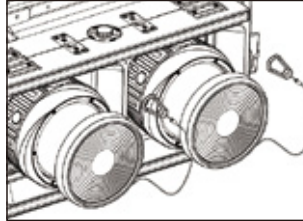
INSTALLATION

1. Customize your setup with various accessories to achieve diverse lighting effects and installation configurations. Options include:

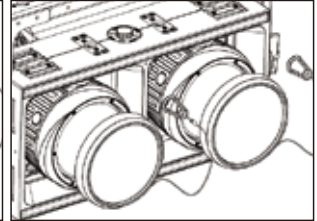
- *Magnetic Lens Optional(Halogen lens/Fresnel lens/Frosted lens)*



Halogen lens



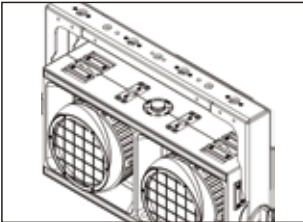
Fresnel lens



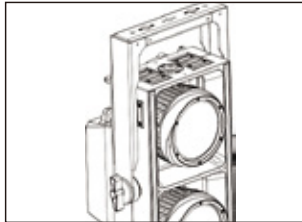
Frosted lens

Replace lenses effortlessly to achieve diverse lighting effects without tools. The magnetic connection between the lens and the pre-installed magnets inside the fixture ensures a secure and stable attachment.

- *Bracket & Yoke*



Bracket



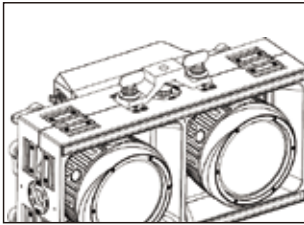
Yoke

The bracket and yoke provides accommodates diverse installation orientations and ensures quick, tool-free setup.

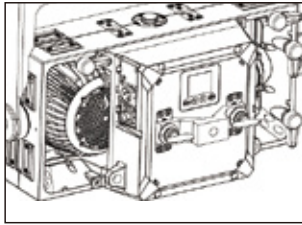
2.D-BOLT W may be installed in any orientation. Our product provides several options:

HANGING

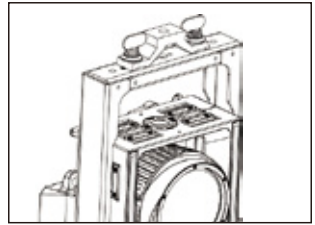
- *Multiple mounting point for fast lock*



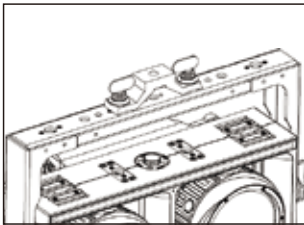
Top



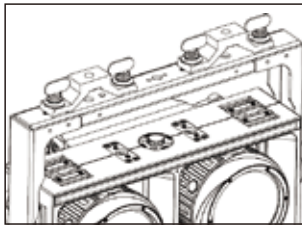
Back



Yoke



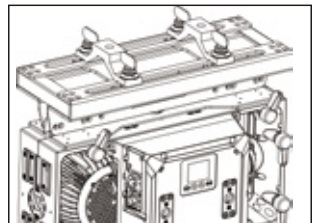
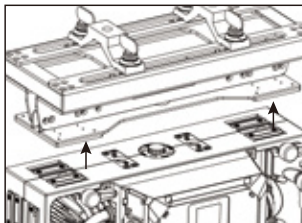
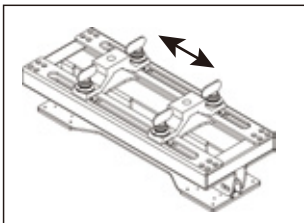
Bracket 1



Bracket 2

Align the quick lock with the mounting hole on the on top, rear side or handle. Insert it into the hole and tighten to complete installation.

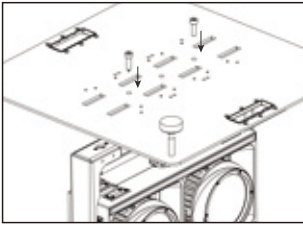
- *Rigging Bracket*



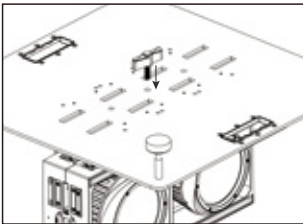
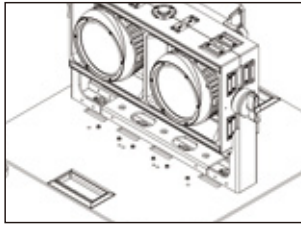
Enables seamless multi-unit connections for D-BOLT W fixtures. Adjustable sliding mounting positions eliminate gaps caused by truss.

STANDING

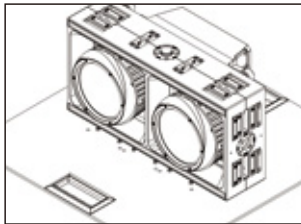
● AP03 Base



M8 internal threads

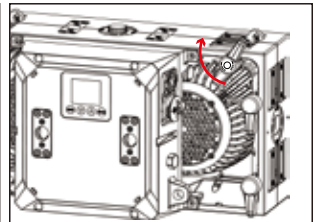
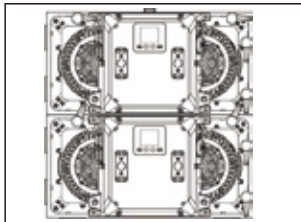
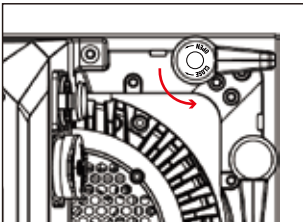


Removing the handle



Combine with D-BOLT W to create vertical structures. Install in any orientation. The AP03 base can be attached with the carrying handle, utilizing its M8 internal threads to secure the fixture to the base, or installed directly by removing the handle.

SPLICING



Before splicing the fixtures, rotate the C-lock counterclockwise to its end position. The C-lock connector contains built-in magnets for pre-installation alignment. After positioning, rotate the C-lock clockwise to its final position to secure the connection.

- *Magnetic splicing, not need any tools*

