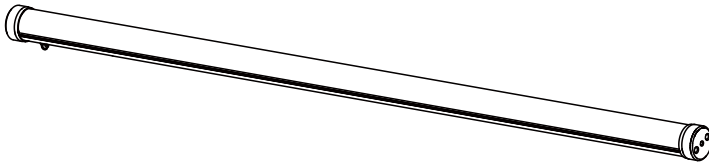


User Manual



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.

Packaging: Thanks for your purchasing the EMOTION TUBE. All the lights have been checked and are in excellent operating condition. Please check the shipping carton first, because there may be damage occurred during the shipment. Then check the lights carefully and be sure that the lights is intact and works normally. In the event damage has been found, spare parts are missing or the lights works abnormally, please contact us for further instructions. And please don't return the lights to the dealer before contacting us.

Introduction: The EMOTION TUBE has four operating modes: DMX mode, Auto mode, Manual mode and APP control mode. And the light has nine DMX channels. DMX channel is including 05 channel, HSV channel, RGBMA channel, 10 channel, 12 channel, 20 channel, 40 channel, 80 channel and 85 channel. You can see 30 kinds of shows when you open the Auto mode.

Using fog or special effect smoke, you can see better showing effect.

SAFETY AND HANDLING

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.



- The exterior surfaces of the light can become hot, up to 70°C during normal operation.
- Ensure that accidental physical contact with the device is impossible.
- Install only in ventilated locations.
- Do not cover the light.



LI-ION Battery: A rechargeable lithium ion battery is built into this unit.

- Only authorized personal may service the battery.
- Do not place in fire or heat.
- Do not use or charge the light if it is damaged.
- Avoid bumping or plunging, it may cause fire or explosion.
- Never store the battery when fully drained.
- Always recharge immediately when empty.
- Make sure to fully charge all units before storing them.
- Partially charged batteries will lose capacity.
- The battery may only be replaced with an original spare part.



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



- The light contains a lithium ion battery.
- 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.

Troubleshooting

The fixture does not turn on.

The battery may be empty. Connect it to the power cable and try again.

The fixture turns on and the display is on, but the LEDs do not emit light.

The fixture could be set to BLACKOUT mode, set to is DMX Hold and doesn't receive a valid signal. It is good practice to do a Factory Reset.

The fixture is not working correctly - it does not display the color or effect chosen.

The fixture may still be operating under a previous setting. It is good practice to do a Factory Reset.

After completing a RESET SETTINGS, the fixture still cannot be controlled.

Please turn off the light and turn on again, if cannot be controlled, too, please consult authorized personal.

The fixture does not run long enough on battery.

The required RUNTIME can be set. It defaults to several hours. To achieve a greater battery runtime, set the RUNTIME to the required value.

Alternatively, program the fixture to only display colors that use less power, such as Red, Green, Blue and White.

If the runtime is still too short, consider that it is reduced slightly if the battery is very cold.

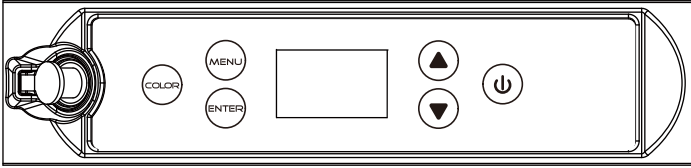
The power cable is connected but the fixture is not charging.

The battery may be fully charged. Please read our user manual for more details. The fixture will only commence charging when its battery has a temperature of 45° or less. Turn the fixture off and let it cool down; once cold enough, it will start charging. If it still not charging, please consult authorized personal.

Features

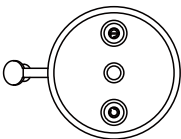
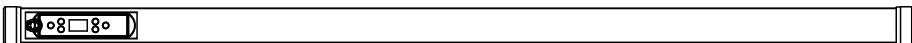
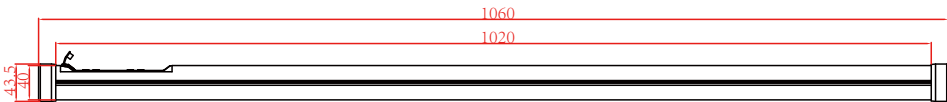
- LED Engine:320x0.5W RGB+Mint+Amber
- Total LED Power 70 W
- Luminous Flux 3200K 2600 Lumens
- Luminous Flux 4000K 2800 Lumens
- Light Output 3200 K @ 1m 800 Lux
- Light Output 4000 K @ 1m 850 Lux
- CRI(Ra)/TLCI 3200-6500 K*≥95
- Beam Angle 115°
- Field Angle 158 °
- Strobe 0-20 Hz
- Pixels 16
- Battery Runtime up to 14 hours
- Battery Runtime Max Brightness 2.5 hours
- Battery Lifetime 70 % after 300 cycles
- Charging Time (nominal) 3 hours
- DC Input 18 V 5 A
- Wireless Receiver Built-in(optional CRMX wireless)
- APP control (within 20m)
- Wireless Range up to 300 m
- Housing Material Polycarbonate, Aluminium and ABS materials
- IP Rating IP65
- Ambient Operating Temperature 0-40 °C/32 -104 °F
- Weight 1.35 kg
- Dimensions 1060 x44 x44 mm

Mechanical Specification

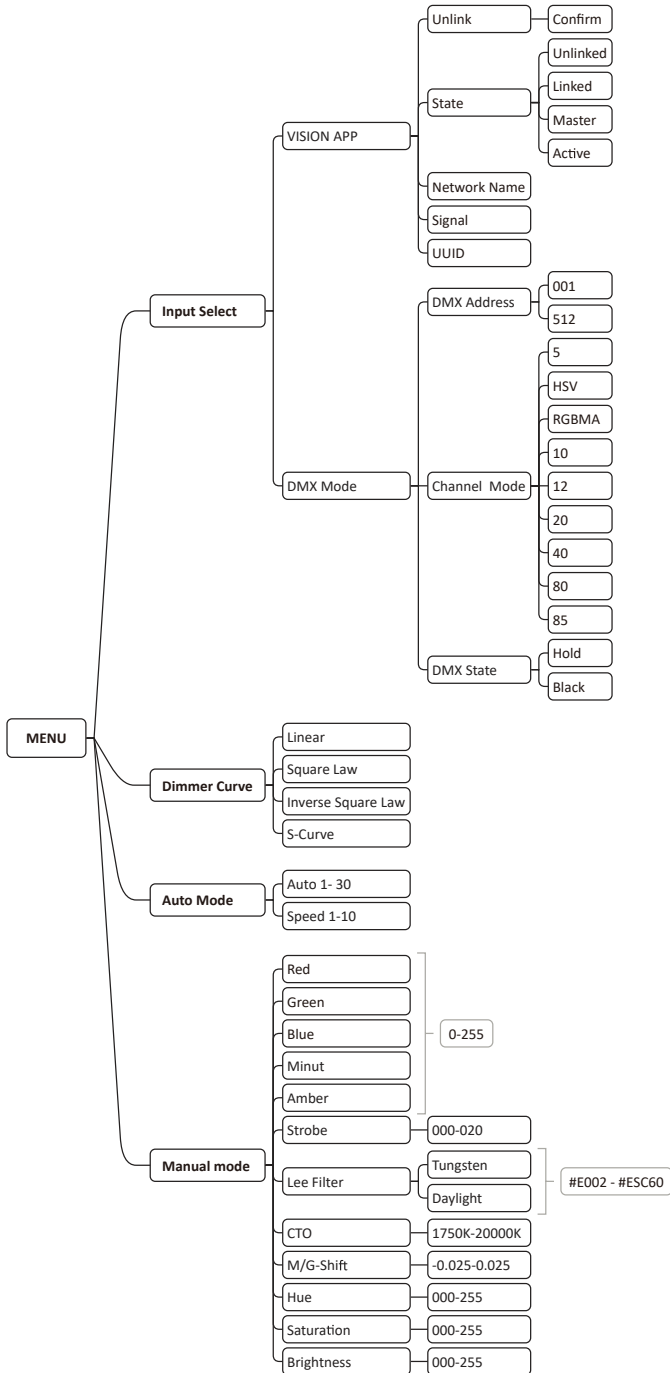


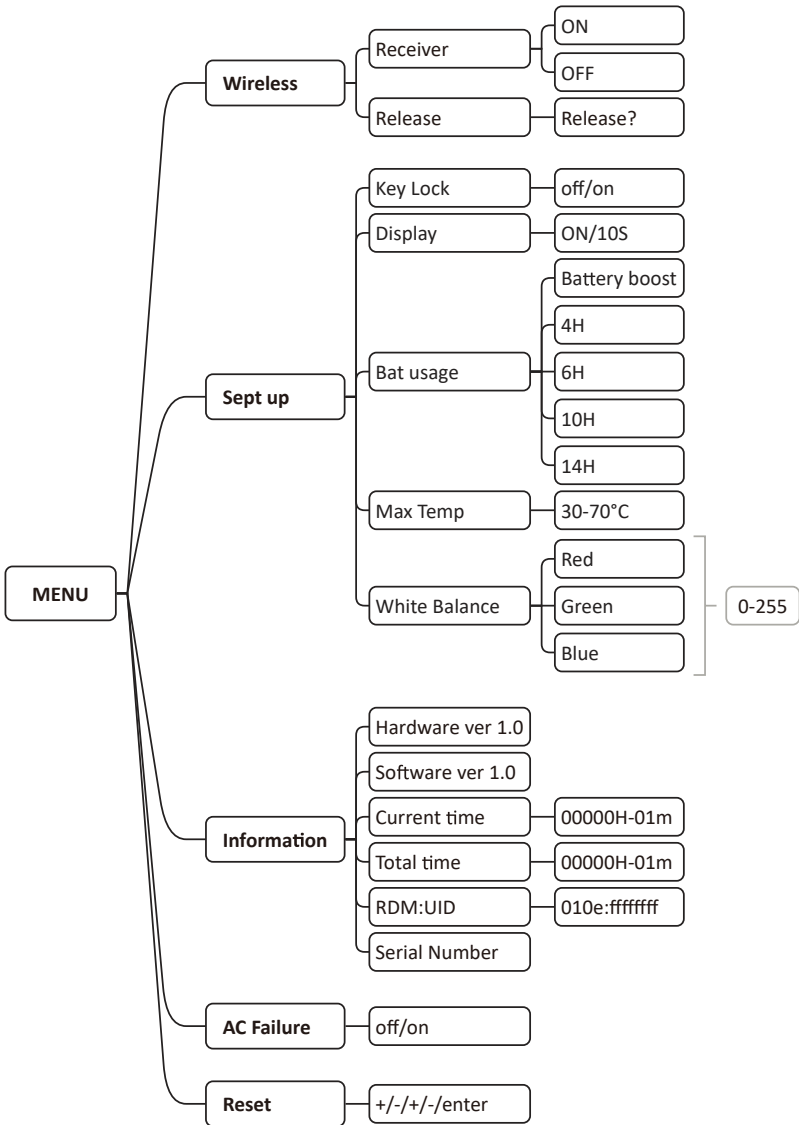
	When at top navigation When open navigation	When inside Main Menu
	ON/OFF	
	Enter Main Menu	Back to previous Menu
	Click enter button to enter the page	Select the option you want from the menu and click enter to confirm
	Click the up button to select	Select the option you want from the menu and click the Up button to move up
	Click the down button to select	Select the option you want from the menu and click the Down button to move down
	Click the color button to enter and select the color	

Product Overview

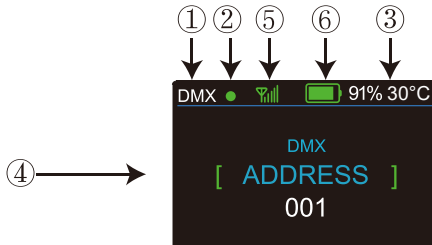


Programme Menu

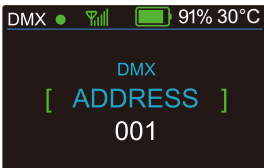




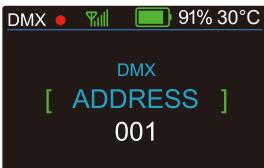
Displayer Introduction



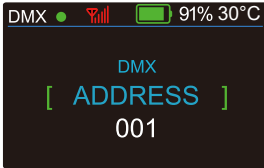
1. When you enter DMX Mode, it will be showed DMX, when you enter SLAVE Mode, it will be showed SLAVE.
2. This shows the condition of signal transmission. Green is connected. Red is disconnected.
3. This shows the temperature of the lights.
4. This shows the menus you can select.
5. This shows the condition of wireless signal. Green is connected. Red is disconnected.
6. This shows the battery's electric quantity.



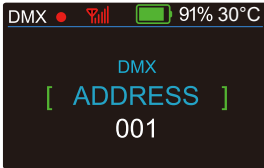
While DMX and Wireless signal are green, it means DMX Mode and Wireless are connected.



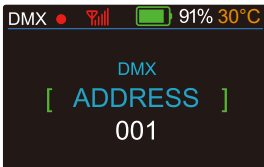
While DMX shows red but Wireless signal shows green, it means DMX Mode is disconnected and Wireless is connected.



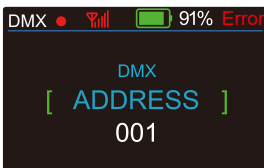
While DMX shows green but Wireless signal shows red,it means DMX Mode is connected and Wireless is disconnected.



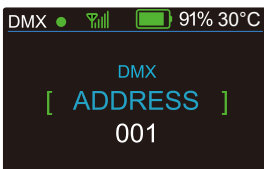
While DMX and Wireless are show red,it means DMX Mode and Wireless are disconnected.



While the letters and number shows change from white to yellow,it means the temperature beyond max temperature of default settings.

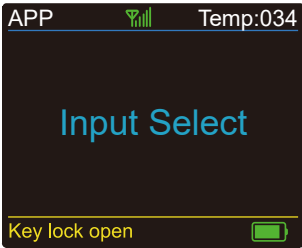


While the letters and number shows Error,it means have some problems of temperature.

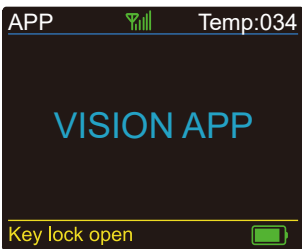


While the battery is charging,it will showed running from empty to full.While you stop charging,it will showed how much the electric quantity.

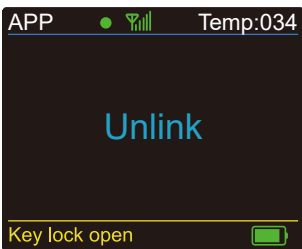
APP Control operating method



When the lamp is turned on, press the up or down button, find the Input Select option, and click enter



Click Enter to enter the VISION APP interface, and then click Enter



Click Enter to enter the Unlink interface, and then click Enter

App Download

Turn on the scanning function of the phone and scan the corresponding QR code to download the Vision control APP for use.



App Store

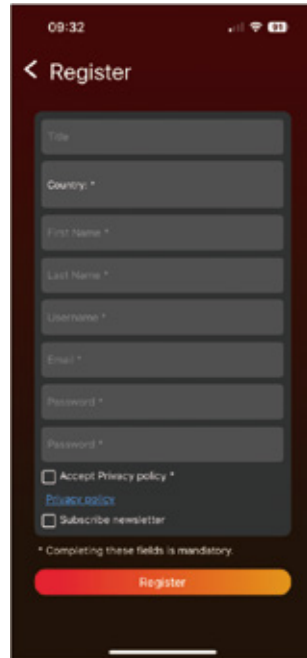
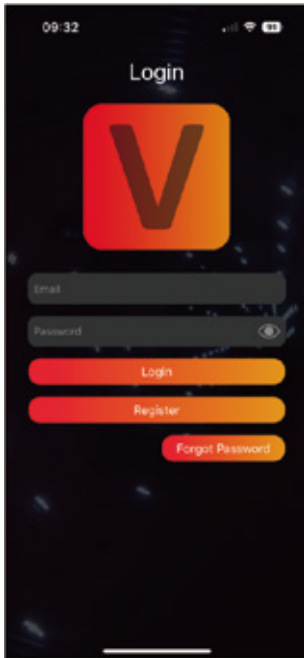


Google Play



Microsoft





1. Log into the Google play store on your phone, search for Vision Control, and click Download to install.

2. Click the Vision APP to enter the login screen.

3. Click the Register button to enter the registration screen

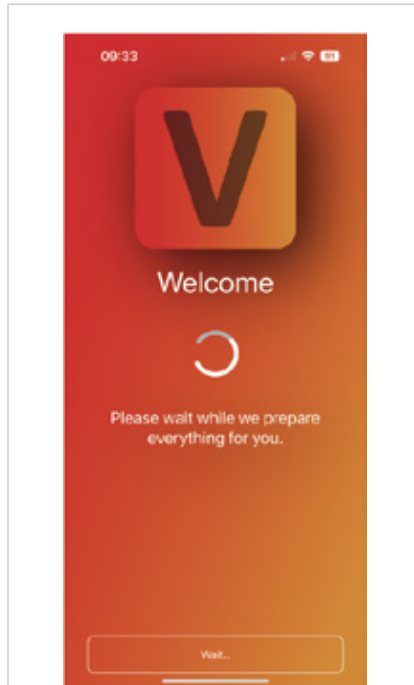
1) Fill in all the contents on the registration page and click the registration button to submit information.

2) Then check your email for confirmation.

3) Click on the confirmation link provided in the email. After clicking the confirmation link, a success message will be displayed on the website. If you click the link a second time, an error message may appear; you can safely ignore it, as the confirmation was successful the first time.

4) Return to the Vision App and use your registered email and password to log in.

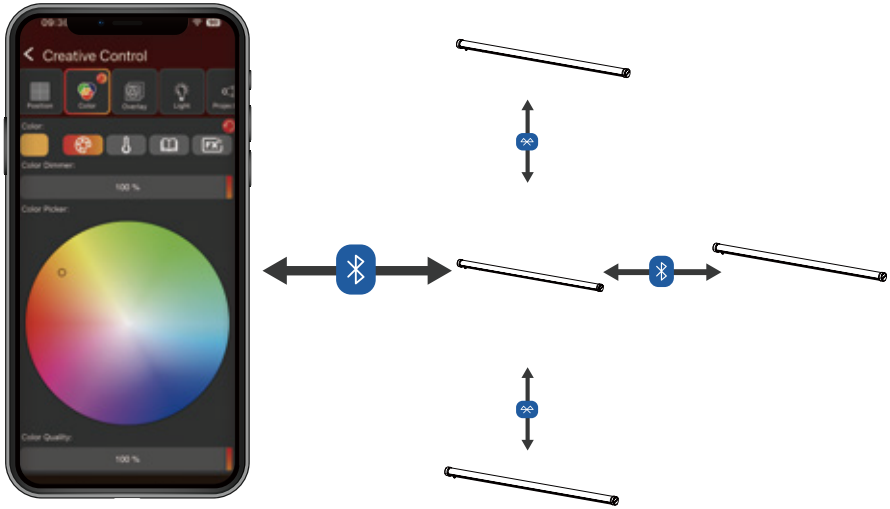
Note: For security reasons, it is recommended to keep your login credentials confidential.



The application is being prepared and the process may take some time. If there is no Internet connection at this stage, the application will not launch. Because it requires library information, it is not available without the Internet. Click "Next" to proceed.

- 1) Grant permission for Bluetooth by clicking "Request".
- 2) A popup will open; click "Ok".
- 3) Finally, click "Start".

Mesh Networking



EASY INTERACTION WITH YOUR FIXTURE:

NFC support included

EFFORLESS FIXTURE SETUP PROCESS:

No knowledge of DMX/RDM required

LARGE EFFECT TEMPLATE LIBRARY:

Smooth background-Fast party effects

CONNECT TO YOUR NETWORK:

No separate gateway required

FIXTURE TO FIXTURE COMMUNICATION:

Creating a powerful and robust network without range limitations

SYNCHRONIZED & FIXTURE TO FIXTURE EFFECTS:

Seamless Transition

REAL TIME CONTROL:

Control your fixtures without delay

ACCESSIBILITY FROM ANYWHERE:

Cloud synchronization for app & Fixture data

Input Select-In this menu,there are DMX Mode and APP control Mode for you to choose.

1.DMX Mode-In this menu,and you can see three items as below:

- 1) "Channel [xx]" will be showed, "X" represents the showed DMX channel mode. You can press the UP or DOWN button to select your desired Channel mode.
- 2) "xxx" will be showed, "x" represents the showed address. You can press the UP or DOWN button to select your desired address.
- 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.

2.Vision APP-In this menu, you can use APP control function via a Bluetooth connection to your phone.

- 1) Press "ENTER" button and then UP or DOWN button until "Vision APP " is showed.
- 2) Press "ENTER" button, and "unlink" will be showed.Then will showed confirm after click enter and click enter again.
- 3) Press "up or down" button, and the APP connection state,network name, signal and UUID will be displayed.

Dim Curve-In this menu,you can adjust the brightness of the light.

- 1.Press "ENTER" button and then UP or DOWN button until "Dim Curve" is showed.
- 2.Press "ENTER" button,and "CURVE1" to "CURVE4" will be showed.Then press ENTER to select your desired Dim Curve.

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

- 1.Press "ENTER" button and then UP or DOWN button until "Auto Mode" is showed.
- 2.Press "ENTER" button,and "SPEED" or "AUTO MODE" will be showed.Then press ENTER,and you can see two items as below:
 - 1)SPEED-You can select your desired speed from 01 to 10 in this menu.
 - 2)AUTO MODE-You can select your desired auto mode from 01 to 30 in this menu.

Manual Mode-In this menu, you can edit a scene by adjusting the value of "Red(0~255)", "Green(0~255)", "Blue(0~255)", "Mint(0~255)", "Amber(0~255)", "Strobe(0~20)", "Brightness(0~255)" and "Color(1~101)" as you like. Then the data will be saved, when you press the ENTER button for 5 seconds.

- 1.Press "ENTER" button and then UP or DOWN button until "Manual Mode" is showed.
- 2.Press "ENTER" button, and you can see eight items as below:
 - 1)Red-You can adjust the red brightness in this menu.
 - 2)Green-You can adjust the green brightness in this menu.
 - 3)Blue-You can adjust the blue brightness in this menu.
 - 4)Mint-You can adjust the Mint brightness in this menu.
 - 5)Amber-You can adjust the Amber brightness in this menu.
 - 6)Strobe-You can adjust the strobe mode in this menu.
 - 7)CTO -you can adjust the color temperature from 1750k to 20000k.
 - 8)Lee Filter - You can adjust the Tungsten and Daylight from #E002-#ESC60 in this menu.
 - 9)M / G - Shift - You can adjust the M/G-Shift from -0.025-0.025 in this menu.
 - 10)Hue - You can adjust the Hue from 000-255 in this menu.
 - 11)Saturation - You can adjust the Saturation from 000-255 in this menu.
 - 12)Brightness-You can adjust the overall brightness in this menu.

Wireless-In this menu,you can receive or clear wireless signals.

- 1.Press "ENTER" button and then UP or DOWN button until "Wireless" is showed.
- 2.Press "ENTER" button, and "Receiver" or "Release" will be showed. Then press ENTER, and you can

see two items as below:

- 1)Receiver- In this item,you can select "ON" or "OFF".If you select ON,you can use the wireless reception function.And if you select OFF,wireless reception will be turned off.
- 2)Release-In this item, you can clear wireless signals."SUCCEESS" will be displayed when the wireless signal is successfully cleared.

Set Up-In this menu,you can adjust the value of the function.

- 1.Press "ENTER"button and then UP or DOWN button until "Set Up" is showed.
- 2.Press "ENTER"button,and there will be seven options.Then,press ENTER to select the option and press UP or DOWN button to select the value you desire as below.
 - 1)Key Lock-You can select whether the password is on or off in this menu and the password is [UP]+[DOWN]+[UP]+[DOWN].If you select "on" ,then you have to input the password before pressing the buttons.Otherwise,the light won't respond to your order.
 - 2)Display-in this item,you can select "10s"or "ON".If you select ON,the display will be on all the time.And if you select 10s,the screen will turn off after 30 seconds.
 - 3)Bat Usage-You can select the battery usage mode.Battery boost is the most power-hungry mode and 14H is the most power-saving mode and in addition to that, there are 4,6,10 hours to choose from.
 - 4)Max temp- You can set the your desired Max working temperature about the light from 30°to 70° in this menu.When the working temperature of the light exceeds the Max temperature.the color of letter "Temp xx" showed in the menu will change from white to yellow.Meanwhile,the light will adjust the working temperature automatically.
 - 5)Dimmer All-You can adjust the brightness of each color from 0 to 255 in this menu.
 - 6)Balance-You can adjust the value of "Red","Green" and "Blue" from 0 to 255.

Info-In this menu,you can learn about the information of software,hardware,serial number,the total time and current time of the light and the RDM UID of the light.

- 1.Press "ENTER" button and then UP or DOWN button until "Info" is showed.
- 2.Press "ENTER" button,and you can see six items as below:
 - 1)Software ver - This item displays the Software information.
 - 2)Hardware ver - This item displays the Hardware information.
 - 3)Serial num - This item display serial number information.
 - 3)Current times-This item displays the current working hours of the light.
 - 4)Total times-This item displays the total working hours of the light.
 - 5)RDM UID - This item displays the RDM UID number of the light.

AC Failure-In this menu,you can test the power supply system for proper operation.

- 1.Press "ENTER" button and then UP or DOWN button until "AC Failure"is showed.
- 2.Press"ENTER" button,and "ON" or "OFF" will be showed.If you select"on",emergency light function can be activated after power failure.

Reset-In this menu,you can reset all the value of the system.

DMX control mode

5 CHANNELS		
Channel	Value	Function
1	000 - 255	Dimmer
2	000 - 255	Lee Filter(Tungsten)
3	000 - 255	CTO(1750K-20000K)
4	000 - 255	M'G-shift
5	000 - 255	Quality

HSV		
Channel	Value	Function
1	0-255	Hue
2	0-255	Saturation
3	0-255	Value (brightness)

RGBMA CHANNELS		
Channel	Value	Function
1	000 - 255	Red
2	000 - 255	Green
3	000 - 255	Blue
4	000 - 255	Mint
5	000 - 255	Amber

10 CHANNELS		
Channel	Value	Function
1	000 - 255	LED group 1 Red
2	000 - 255	LED group 1 Green
3	000 - 255	LED group 1 Blue
4	000 - 255	LED group 1 Mint
5	000 - 255	LED group 1 Amber
6	000 - 255	LED group 2 Red
7	000 - 255	LED group 2 Green
8	000 - 255	LED group 2 Blue
9	000 - 255	LED group 2 Mint
10	000 - 255	LED group 2 Amber

12 CHANNELS		
Channel	Value	Function
1	000 - 255	Master dimmer
2	000 - 255	Dimmer curve
3	000 - 255	Red
4	000 - 255	Green
5	000 - 255	Blue
6	000 - 255	Mint
7	000 - 255	Amber
8	000 - 255	Strobe (slow -fast) 25次/s
9	000 - 255	Lee Filter(Tungsten)
10	000 - 255	CTO (1750K-20000K)
11	000 - 255	Auto effect
12	000 - 255	Auto speed

20 CHANNELS		
Channel	Value	Function
1	000 - 255	LED group 1 Red
2	000 - 255	LED group 1 Green
3	000 - 255	LED group 1 Blue
4	000 - 255	LED group 1 Mint
5	000 - 255	LED group 1 Amber
6	000 - 255	LED group 2 Red
7	000 - 255	LED group 2 Green
8	000 - 255	LED group 2 Blue
9	000 - 255	LED group 2 Mint
10	000 - 255	LED group 2 Amber
11	000 - 255	LED group 3 Red
12	000 - 255	LED group 3 Green
13	000 - 255	LED group 3 Blue
14	000 - 255	LED group 3 Mint
15	000 - 255	LED group 3 Amber
16	000 - 255	LED group 4 Red
17	000 - 255	LED group 4 Green
18	000 - 255	LED group 4 Blue
19	000 - 255	LED group 4 Mint
20	000 - 255	LED group 4 Amber

40 channels		
Channel	Value	Function
1	000 - 255	LED group 1 Red
2	000 - 255	LED group 1 Green
3	000 - 255	LED group 1 Blue
4	000 - 255	LED group 1 Mint
5	000 - 255	LED group 1 Amber
6	000 - 255	LED group 2 Red
7	000 - 255	LED group 2 Green
8	000 - 255	LED group 2 Blue
9	000 - 255	LED group 2 Mint
10	000 - 255	LED group 2 Amber
11	000 - 255	LED group 3 Red
12	000 - 255	LED group 3 Green
13	000 - 255	LED group 3 Blue
14	000 - 255	LED group 3 Mint
15	000 - 255	LED group 3 Amber
16	000 - 255	LED group 4 Red
17	000 - 255	LED group 4 Green
18	000 - 255	LED group 4 Blue
19	000 - 255	LED group 4 Mint
20	000 - 255	LED group 4 Amber
21	000 - 255	LED group 5 Red
22	000 - 255	LED group 5 Green
23	000 - 255	LED group 5 Blue
24	000 - 255	LED group 5 Mint
25	000 - 255	LED group 5 Amber
26	000 - 255	LED group 6 Red
27	000 - 255	LED group 6 Green
28	000 - 255	LED group 6 Blue
29	000 - 255	LED group 6 Mint
30	000 - 255	LED group 6 Amber
31	000 - 255	LED group 7 Red
32	000 - 255	LED group 7 Green
33	000 - 255	LED group 7 Blue
34	000 - 255	LED group 7 Mint
35	000 - 255	LED group 7 Amber
36	000 - 255	LED group 8 Red
37	000 - 255	LED group 8 Green
38	000 - 255	LED group 8 Blue
39	000 - 255	LED group 8 Mint
40	000 - 255	LED group 8 Amber

80 channels		
Channel	Value	Function
1	000 - 255	LED group 1 Red
2	000 - 255	LED group 1 Green
3	000 - 255	LED group 1 Blue
4	000 - 255	LED group 1 Mint
5	000 - 255	LED group 1 Amber
6	000 - 255	LED group 2 Red
7	000 - 255	LED group 2 Green
8	000 - 255	LED group 2 Blue
9	000 - 255	LED group 2 Mint
10	000 - 255	LED group 2 Amber
11	000 - 255	LED group 3 Red
12	000 - 255	LED group 3 Green
13	000 - 255	LED group 3 Blue
14	000 - 255	LED group 3 Mint
15	000 - 255	LED group 3 Amber
16	000 - 255	LED group 4 Red
17	000 - 255	LED group 4 Green
18	000 - 255	LED group 4 Blue
19	000 - 255	LED group 4 Mint
20	000 - 255	LED group 4 Amber
21	000 - 255	LED group 5 Red
22	000 - 255	LED group 5 Green
23	000 - 255	LED group 5 Blue
24	000 - 255	LED group 5 Mint
25	000 - 255	LED group 5 Amber
26	000 - 255	LED group 6 Red
27	000 - 255	LED group 6 Green
28	000 - 255	LED group 6 Blue
29	000 - 255	LED group 6 Mint
30	000 - 255	LED group 6 Amber
31	000 - 255	LED group 7 Red
32	000 - 255	LED group 7 Green
33	000 - 255	LED group 7 Blue
34	000 - 255	LED group7 Mint
35	000 - 255	LED group 7 Amber
36	000 - 255	LED group 8 Red
37	000 - 255	LED group 8 Green
38	000 - 255	LED group 8 Blue

39	000 - 255	LED group 8 Mint
40	000 - 255	LED group 8 Amber
41	000 - 255	LED group 9 Red
42	000 - 255	LED group 9 Green
43	000 - 255	LED group 9 Blue
44	000 - 255	LED group 9 Mint
45	000 - 255	LED group 9 Amber
46	000 - 255	LED group 10 Red
47	000 - 255	LED group 10 Green
48	000 - 255	LED group 10 Blue
49	000 - 255	LED group 10 Mint
50	000 - 255	LED group 10 Amber
51	000 - 255	LED group 11 Red
52	000 - 255	LED group 11 Green
53	000 - 255	LED group 11 Blue
54	000 - 255	LED group 11 Mint
55	000 - 255	LED group 11 Amber
56	000 - 255	LED group 12 Red
57	000 - 255	LED group 12 Green
58	000 - 255	LED group 12 Blue
59	000 - 255	LED group 12 Mint
60	000 - 255	LED group 12 Amber
61	000 - 255	LED group 13 Red
62	000 - 255	LED group 13 Green
63	000 - 255	LED group 13 Blue
64	000 - 255	LED group 13 Mint
65	000 - 255	LED group 13 Amber
66	000 - 255	LED group 14 Red
67	000 - 255	LED group 14 Green
68	000 - 255	LED group 14 Blue
69	000 - 255	LED group 14 Mint
70	000 - 255	LED group 14 Amber
71	000 - 255	LED group 15 Red
72	000 - 255	LED group 15 Green
73	000 - 255	LED group 15 Blue
74	000 - 255	LED group 15 Mint
75	000 - 255	LED group 15 Amber
76	000 - 255	LED group 16 Red
77	000 - 255	LED group 16 Green
78	000 - 255	LED group 16 Blue
79	000 - 255	LED group 16 Mint
80	000 - 255	LED group 16 Amber

85 channels		
Channel	Value	Function
1	000 - 255	Master dimmer
2	000 - 255	Dimmer curve
3	000 - 255	LED group 1 Red
4	000 - 255	LED group 1 Green
5	000 - 255	LED group 1 Blue
6	000 - 255	LED group 1 Mint
7	000 - 255	LED group 1 Amber
8	000 - 255	LED group 2 Red
9	000 - 255	LED group 2 Green
10	000 - 255	LED group 2 Blue
11	000 - 255	LED group 2 Mint
12	000 - 255	LED group 2 Amber
13	000 - 255	LED group 3 Red
14	000 - 255	LED group 3 Green
15	000 - 255	LED group 3 Blue
16	000 - 255	LED group 3 Mint
17	000 - 255	LED group 3 Amber
18	000 - 255	LED group 4 Red
19	000 - 255	LED group 4 Green
20	000 - 255	LED group 4 Blue
21	000 - 255	LED group 4 Mint
22	000 - 255	LED group 4 Amber
23	000 - 255	LED group 5 Red
24	000 - 255	LED group 5 Green
25	000 - 255	LED group 5 Blue
26	000 - 255	LED group 5 Mint
27	000 - 255	LED group 5 Amber
28	000 - 255	LED group 6 Red
29	000 - 255	LED group 6 Green
30	000 - 255	LED group 6 Blue
31	000 - 255	LED group 6 Mint
32	000 - 255	LED group 6 Amber
33	000 - 255	LED group 7 Red
34	000 - 255	LED group 7 Green
35	000 - 255	LED group 7 Blue
36	000 - 255	LED group 7 Mint
37	000 - 255	LED group 7 Amber
38	000 - 255	LED group 8 Red
39	000 - 255	LED group 8 Green
40	000 - 255	LED group 8 Blue

41	000 - 255	LED group 8 Mint
42	000 - 255	LED group 8 Amber
43	000 - 255	LED group 9 Red
44	000 - 255	LED group 9 Green
45	000 - 255	LED group 9 Blue
46	000 - 255	LED group 9 Mint
47	000 - 255	LED group 9 Amber
48	000 - 255	LED group 10 Red
49	000 - 255	LED group 10 Green
50	000 - 255	LED group 10 Blue
51	000 - 255	LED group 10 Mint
52	000 - 255	LED group 10 Amber
53	000 - 255	LED group 11 Red
54	000 - 255	LED group 11 Green
55	000 - 255	LED group 11 Blue
56	000 - 255	LED group 11 Mint
57	000 - 255	LED group 11 Amber
58	000 - 255	LED group 12 Red
59	000 - 255	LED group 12 Green
60	000 - 255	LED group 12 Blue
61	000 - 255	LED group 12 Mint
62	000 - 255	LED group 12 Amber
63	000 - 255	LED group 13 Red
64	000 - 255	LED group 13 Green
65	000 - 255	LED group 13 Blue
66	000 - 255	LED group 13 Mint
67	000 - 255	LED group 13 Amber
68	000 - 255	LED group 14 Red
69	000 - 255	LED group 14 Green
70	000 - 255	LED group 14 Blue
71	000 - 255	LED group 14 Mint
72	000 - 255	LED group 14 Amber
73	000 - 255	LED group 15 Red
74	000 - 255	LED group 15 Green
75	000 - 255	LED group 15 Blue
76	000 - 255	LED group 15 Mint
77	000 - 255	LED group 15 Amber
78	000 - 255	LED group 16 Red
79	000 - 255	LED group 16 Green
80	000 - 255	LED group 16 Blue
81	000 - 255	LED group 16 Mint
82	000 - 255	LED group 16 Amber
83	000 - 255	Strobe
84	000 - 255	Auto
85	000 - 255	Auto speed

DMX sheet

CTO								
8		1750	83	84	3650	157	158	5500
9	10	1800	85	86	3700	159	160	5550
11	12	1850	87	88	3750	161	162	5600
13	14	1900	89	90	3800	163	164	5650
15	16	1950	91	92	3850	165	166	5700
17	18	2000	93	94	3900	167	168	5750
19	20	2050	95	96	3950	169	170	5800
21	22	2100	97	98	4000	171	172	5850
23	24	2150	99	100	4050	173	174	5900
25	26	2200	101	102	4100	175	176	5950
27	28	2250	103	104	4150	177	178	6000
29	30	2300	105	106	4200	179	180	6250
31	32	2350	107	108	4250	181	182	6500
33	34	2400	109	110	4300	183	184	6750
35	36	2450	111	112	4350	185	186	7000
37	38	2500	113	114	4400	187	188	7250
39	40	2550	115	116	4450	189	190	7500
41	42	2600	117	118	4500	191	192	7750
43	44	2650	119	120	4550	193	194	8000
45	46	2700	121	122	4600	195	196	8250
47	48	2750	123	124	4650	197	198	8500
49	50	2800	125	126	4700	199	200	8750
51	52	2850	127	128	4750	201	202	9000
53	54	2900	129	130	4800	203	204	9250
55	56	2950	131	132	4850	205	206	9500
57	58	3000	133	134	4900	207	208	9750
59	60	3050	135	136	4950	209	210	10000
61	62	3100	137	138	5000	211	212	11000
63	64	3150	139	140	5050	213	214	12000
65	66	3200	141	142	5100	215	216	13000
67	68	3250	143	144	5150	217	218	14000
69	70	3300	145	146	5200	219	220	15000
71	72	3350	147	148	5250	221	222	16000
73	74	3400	149	150	5300	223	224	17000
75	76	3450	151	152	5350	225	226	18000
77	78	3500	153	154	5400	227	228	19000
79	80	3550	155	156	5450	229	255	20000
81	82	3600						

Auto					
21	27	Auto 1	140	147	Auto 16
28	35	Auto 2	148	155	Auto 17
36	43	Auto 3	156	163	Auto 18
44	51	Auto 4	164	171	Auto 19
52	59	Auto 5	172	179	Auto 20
60	67	Auto 6	180	187	Auto 21
68	75	Auto 7	188	195	Auto 22
76	83	Auto 8	196	203	Auto 23
84	91	Auto 9	204	211	Auto 24
92	99	Auto 10	212	219	Auto 25
100	107	Auto 11	220	227	Auto 26
108	115	Auto 12	228	235	Auto 27
116	123	Auto 13	236	243	Auto 28
124	131	Auto 14	244	251	Auto 29
132	139	Auto 15	252	255	Auto 30

Strobe					
10	21	1Hz	130	141	11Hz
22	33	2Hz	142	153	12Hz
34	45	3Hz	154	165	13Hz
46	57	4Hz	166	177	14Hz
58	69	5Hz	178	189	15Hz
70	81	6Hz	190	201	16Hz
82	93	7Hz	202	213	17Hz
94	105	8Hz	214	225	18Hz
106	117	9Hz	226	237	19Hz
118	129	10Hz	238	255	20Hz

Dimmer Curve					
10	59	Linear	110	159	Inverse Square Law
60	109	Square Law	160	255	S-Curve

Lee Filter			
1	Rose_Pink	33	Just_Blue
2	Lavender_Tint	34	Deeper_Blue
3	Medium_Bastard_Amber	35	Lime_Green
4	Pale_Yellow	36	Moss_Green
5	Dark_Salmon	37	Dark_Yellow_Green
6	Pale_Amber_Gold	38	Spring_Yellow
7	Medium_Yellow	39	Yellow
8	Straw_Tint	40	Light_Amber
9	Deep_Straw	41	Straw
10	Surprise_Peach	42	Deep_Amber
11	Fire	43	Orange
12	Medium_Amber	44	Primary_Red
13	Gold_Amber	45	Light_Rose
14	Dark_Amber	46	English_Rose
15	Scarlet	47	Light_Salmon
16	Sunset_Red	48	Middle_Rose
17	Bright_Red	49	Dark_Pink
18	Medium_Red	50	Magenta
19	Plasa_Red	51	Peacock_Blue
20	Light_Pink	52	Medium_BlueGreen
21	Medium_Pink	53	Steel_Blue
22	Dark_Magenta	54	Light_Blue
23	Rose_Purple	55	Dark_Blue
24	Medium_Purple	56	Deep_Blue
25	Light_Lavender	57	LEE_Green
26	Paler_Lavender	58	Fern_Green
27	Lavender	59	Dark_Green
28	Mist_Blue	60	Mauve
29	Pale_Blue	61	Smokey_Pink
30	Sky_Blue	62	Bright_Pink
31	Tokyo_Blue	63	Clear
32	Evening_Blue	64	Marine_Blue

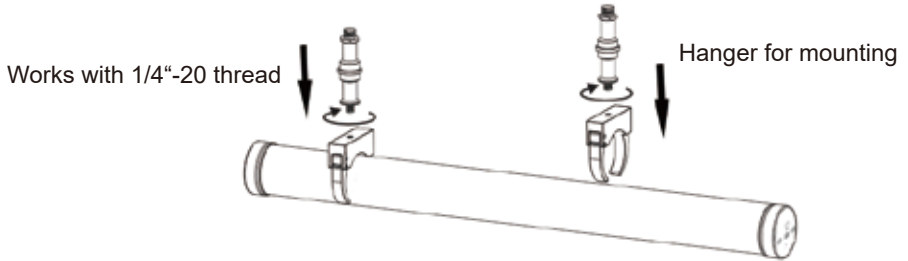
65	Medium_Blue	97	Dark_Lavender
66	Golden_Amber	98	Congo_Blue
67	Deep_Golden_Amber	99	Light_Red
68	Pale_Lavender	100	Moonlight_Blue
69	Special_Lavender	101	Flesh_Pink
70	Pale_Green	102	Surprise_Pink
71	Primary_Green	103	Zenith_Blue
72	Summer_Blue	104	True_Blue
73	Bright_Blue	105	Alice_Blue
74	Pale_Violet	106	Palace_Blue
75	Pale_Navy_Blue	107	Regal_Blue
76	No_Colour_Blue	108	Double_C_Blue
77	Apricot	109	Full_C_Blue
78	Bright_Rose	110	Half_C_Blue
79	Gold_Tint	111	Quarter_Blue
80	Pale_Gold	112	Full_C_Orange
81	Pale_Salmon	113	Half_C_Orange
82	Pale_Rose	114	Quarter_C_Orange
83	Chocolate	115	Full_C_Orange_3_ND
84	Pink	116	Full_C_Orange_6_ND
85	Deep_Orange	117	L_C_Yellow_Y1
86	No_Colour_Straw	118	White_Flame_Green
87	Slate_Blue	119	Eighth_C_Blue
88	Bastard_Amber	120	LEE_Fluorescent_Green
89	Flame_Red	121	Eighth_C_Orange
90	Daylight_Blue	122	Super_Correction_L_C_T_Yellow
91	Lilac_Tint	123	Super_Correction_W_F_Green
92	Deep_Lavender	124	H_M_I_to_Tungsten
93	Lagoon_Blue	125	C_I_D_to_Tungsten
94	Dark_Steel_Blue	126	C_S_I_to_Tungsten
95	Loving_Amber	127	LEE_Fluorescent_5700_Kelvin
96	Chrome_Orange	128	LEE_Fluorescent_4300_Kelvin

129	LEE_Fluorescent_3600_Kelvin	161	Half_New_Colour_Blue
130	LEE_Plus_Green	162	Quarter_New_Colour_Blue
131	Half_Plus_Green	163	Waterfront_Green
132	Quarter_Plus_Green	164	Sally_Green
133	LEE_Minus_Green	165	Marlene
134	Half_Minus_Green	166	Madge
135	Quarter_Minus_Green	167	Midnight_Maya
136	Eighth_Plus_Green	168	Bacon_Brown
137	Eighth_Minus_Green	169	Amber_Delight
138	Three_Quarter_C_Blue	170	Ice_and_a_Slice
139	One_and_a_Half_C_Blue	171	Double_GT
140	Three_Quarter_C_Orange	172	Argent_Blue
141	One_and_a_Half_C_Orange	173	ALD_Gold
142	Double_C	174	Arctic_White
143	Soft_Green	175	Silver
144	Jade	176	Platinum
145	Forest_Green	177	Moonlight_White
146	Follies_Pink	178	Full_C
147	Special_Rose_Pink	179	Half_Mustard_Yellow
148	Special_Medium_Lavender	180	Quarter_Mustard_Yellow
149	Fuchsia_Pink	181	Industry_Sodium
150	Glacier_Blue	182	HI_Sodium
151	Lighter_Blue	183	Urban_Sodium
152	Special_Steel_Blue	184	LO_Sodium
153	Special_Medium_Blue	185	Perfect_Lavender
154	Cornflower	186	Provence
155	Full_C_Straw	187	Special_Pale_Lavender
156	Half_C_Straw	188	Cold_Lavender
157	Quarter_C_Straw	189	Lily
158	Eighth_C_Straw	190	King_Fals_Lavender
159	Double_New_Colour_Blue	191	Ultimate_Violet
160	New_Colour_Blue_Robertson_Blue	192	Cool_Lavender

193	Electric_Lilac	225	LEE_Yellow
194	Spir_Special_Blue	226	Oklahoma_Yellow
195	Cold_Blue	227	Egg_Yolk_Yellow
196	Bedford_Blue	228	Burnt_Yellow
197	J_Winter_Blue	229	Cardbox_Amber
198	Elysian_Blue	230	Nectarine
199	Cabana_Blue	231	Rust
200	Mikkel_Blue	232	Millennium_Gold
201	Colour_Wash_Blue	233	Bastard_Pink
202	Berry_Blue	234	AS_Golden_Amber
203	Bray_Blue	235	Terry_Red
204	Virgin_Blue	236	Marius_Red
205	Ocean_Blue	237	Blood_Red
206	Old_Steel_Blue	238	Moroccan_Pink
207	QFD_Blue	239	Vanity_Fair
208	Steel_Green	240	Pretty_n_Pink
209	Scuba_Blue	241	Magical_Magenta
210	Liberty_Green	242	Deep_Purple
211	Dirty_Ice	243	Chrysalis_Pink
212	Damp_Squib	244	Special_KH_Lavender
213	Velvet_Green	245	Half_C_O_Acrylic_Panel
214	Twickenham_Green	246	Full_C_O_0_3_ND_Acrylic_Panel
215	JAS_Green	247	Full_C_O_0_6_ND_Acrylic_Panel
216	Aurora_Borealis_Green	248	0_3_ND_Acrylic_Panel
217	Mustard_Yellow	249	Cosmetic_Peach
218	Bram_Brown	250	Cosmetic_Silver_Rose
219	Dirty_White	251	Cosmetic_Rouge
220	Brown	252	Cosmetic_Highlight
221	Easy_White	253	Cosmetic_Silver_Moss
222	Seedy_Pink	254	Cosmetic_Aqua_Blue
223	Wheat	255	Lily_Frost
224	Sun_Colour_Straw		

Hangings, Stand

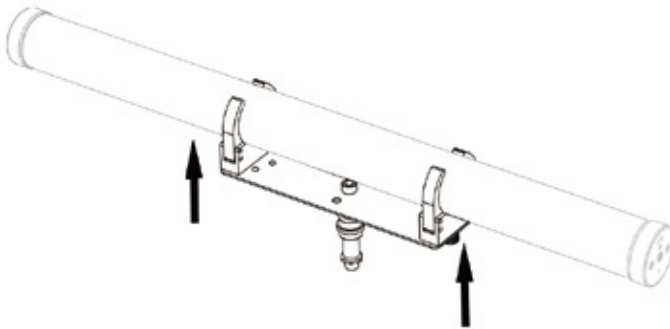
The Tube can be hung via a bolt or clamp. When hanging, secure with safety wire and carabiner that hold at least 15kg. Make sure the light cannot drop more than 20cm if primary mounting fails.



Foldable floorstand
with 1/4"-20 thread



1/4"-20 thread Eye Bolt for safety
wire or hanging



Works with 1/4"-20 thread/

CHARGE WITH ABS CASE



DURING THE COMPLETE PROCESS OF BATTERIES CHARGE THE UPPER COVER OF THE FLIGHTCASE MUST BE ALWAYS OPEN.



DURING THE COMPLETE PROCESS OF BATTERIES CHARGE THE PROJECTORS MUST BE ALWAYS OFF.

For correct use of the battery it is strongly recommended to:

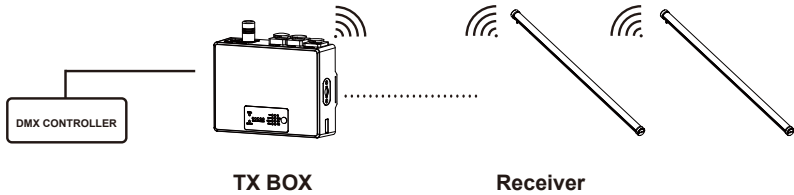
- Charge the battery at least one time each month
- The minimum level of the charge must be not less than 5%

During the charge, the battery icon (visible on the display) will show the level of the charge. When the charge is finished, the icon will be totally green.

Connection in wireless mode -DMX



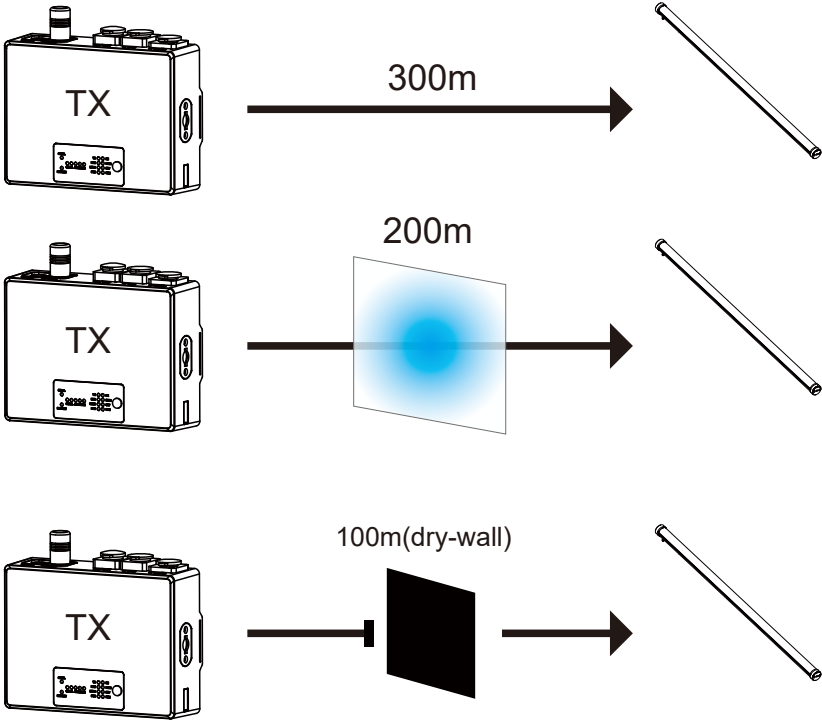
When connection wireless mode, please remember release first.



DMX led status and wireless indicator	Description
Both blinking red color	DMX not connected e wireless transmitter OFF or not linked with the projector
Both blinking but: DMX red - Wireless green	DMX not connected,transmitter ON and linked with the projector
Both fixed green color	Dmx connected,transmitter ON and linked with the projector

Tips & tricks

There are limitations to how wireless waves propagate through air. Physical barriers like glass, concrete and walls will limit the transmission range. Always try to have clear line-of-sight between transmitters and receivers.



RDM---Remote Device Management

RDM is a wild version of the DMX512-A protocol, allowing dimming stations and other control devices to be discovered through a DMX512 network, and then configuring, status monitoring, and managing intermediate and line end devices.

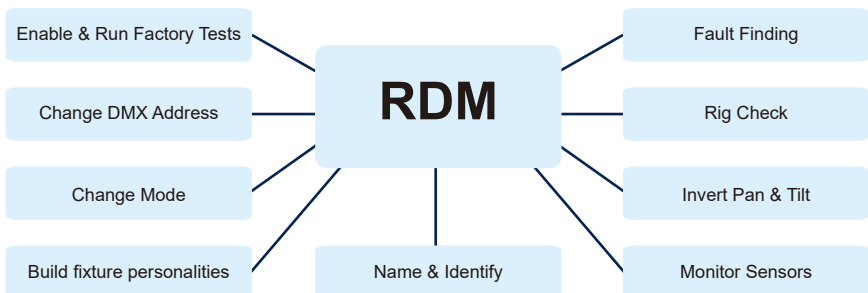
It allows two-way communication between the lighting device or system controller and the connected RDM compatible device through the standard DMX. This protocol will allow these devices to be configured, monitored, and managed in a manner that does not interfere with the normal operation of standard DMX512 devices that do not recognize the RDM protocol.

Allow a controller or test device to find other devices that can be RDM, such as computer lights or dimming cabinets, and remotely manage them through this connection intelligence. Including the ability to remotely set the initial address of the DMX512, query the device's errors or statistics, and achieve most of the configuration settings that are usually done on the front panel of the device. RDM can run with the new RDM device or any original DMX512 product on the same data link without any performance impact. Since RDM runs on the first team DMX512 link, the only infrastructure upgrade required by RDM is to upgrade the existing data distributor to implement a two-way mode to support RDM.

The RDM information is transmitted through the first pair of DMX512 data channels. RDM uses packets that include non-zero initial codes to start and control communications. This alternating(rotating) session and waiting for indicative responses is performed in a semi-duplex format. The second data pair is not used for any RDM function.

Two-way data transmission-each vendor's equipment can exchange data, Art-net can only transmit data, can not exchange with each other.

Its functions are as followed:



RDM compliance:ANSI/ESTA E.120

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		√	√