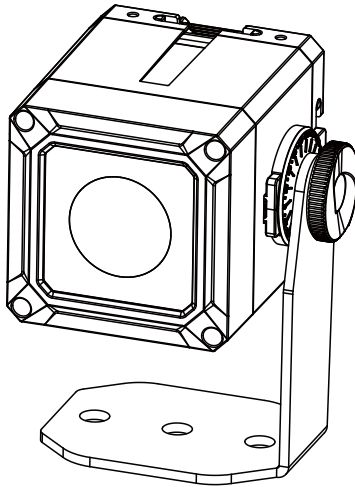


# User Manual



**LEDING**  
eMOTION  
DOT



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***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 Dot. 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 Dot 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, 06 channel, 09 channel, 12 channel and 17 channel. You can see 12 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.

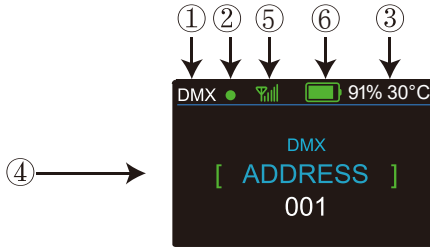
### **The power cable is connected but the fixture is not charging.**

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.

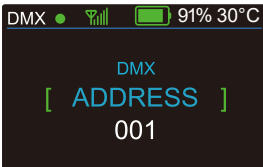
## Features

- Led: 1\*30W RGBMA
- Lens:10°
- Magnetic frost filter:15,25,45,60,60\*10 degree
- LED lifetime:50,000 hours
- Voltage:100 - 240V 50/60Hz
- Max power: 45W
- Cabled DMX: 5 pin XLR input/output
- Control: RDM, DMX 512 & Wireless DMX
- Color temperature: 1750K - 20000K
- CRI : ≥95
- Light output : 1000lm
- Lux: 34308 lux @ 2m
- DMX channels: 05 / HSV / 06 / 09 / 12 / 17CH
- Dimming:Electronic
- Strobe:0 – 25Hz
- Tilt:0 - 220°
- Power Supply Unit: Auto-ranging electronic switch-mode
- Color options: Black sand coat painting
- Cooling:Active, Forced Air, Temperature-regulated
- Temperature Range:-40°C to 45°C
- Thermal Protection: Automatic overtemperature protection
- Mounting point:2 x 2 quarter-turn locking points for one or two Omega brackets
- Safety features:Bottom mount for safety wire
- Display and Setting: OLED display / 4 buttons
- Waterproof: IP65
- Lens material: PE and tempered glass front
- Material: Aluminium
- Dimensions:100x 100 x 95 mm
- Net weight:1.2 kg

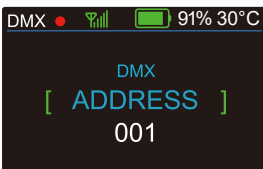
# Displayer Introduction



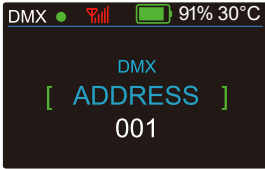
1. When you enter DMX Mode, it will be showed DMX, when you enter SLAVE Mode, it will be showed SLAVE.
2. This shows the condition of signal transmission. Green is connected. Red is disconnected.
3. This shows the temperature of the lights.
4. This shows the menus you can select.
5. This shows the condition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



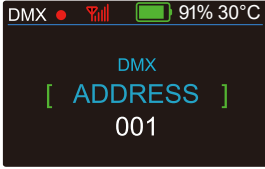
While DMX and Wireless signal are green, it means DMX Mode and Wireless are connected.



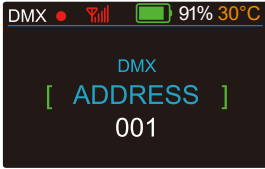
While DMX shows red but Wireless signal shows green, it means DMX Mode is disconnected and Wireless is connected.



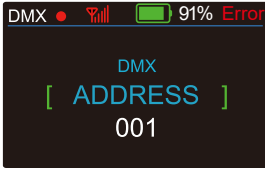
While DMX shows green but Wireless signal shows red, it means DMX Mode is connected and Wireless is disconnected.



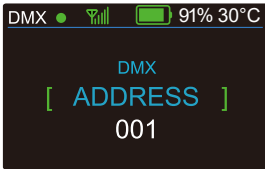
While DMX and Wireless are shown red, it means DMX Mode and Wireless are disconnected.



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

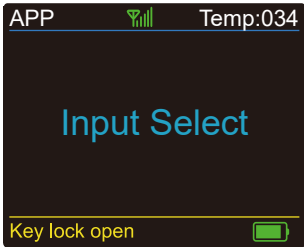


While the letters and number show Error, it means there are some temperature problems.

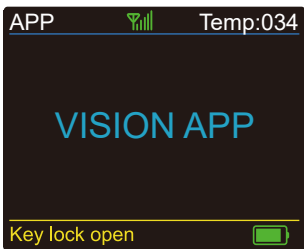


While the battery is charging, it will show running from empty to full. While you stop charging, it will show how much the electric quantity.

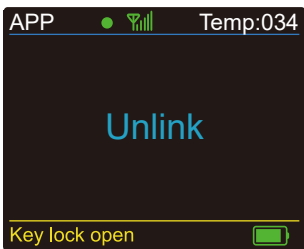
## APP Control operating method



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

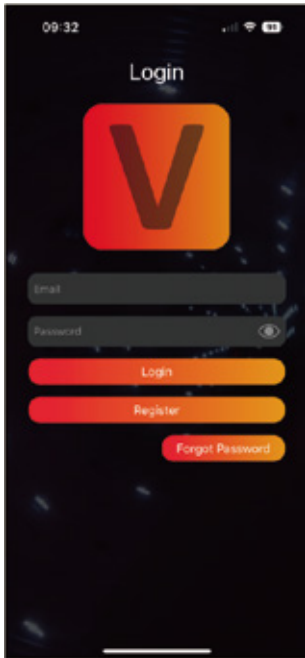
## **App Download**

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

 <b>App Store</b>	
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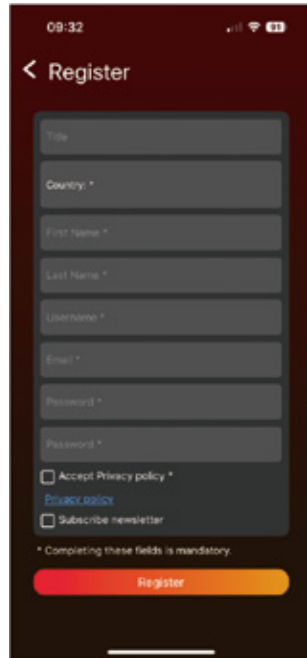
 <b>Google Play</b>	
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 <b>Microsoft</b>	
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1. Log into the Google play store on your phone, search for Vision Control, and click Download to install.

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



3. Click the Register button to enter the registration screen

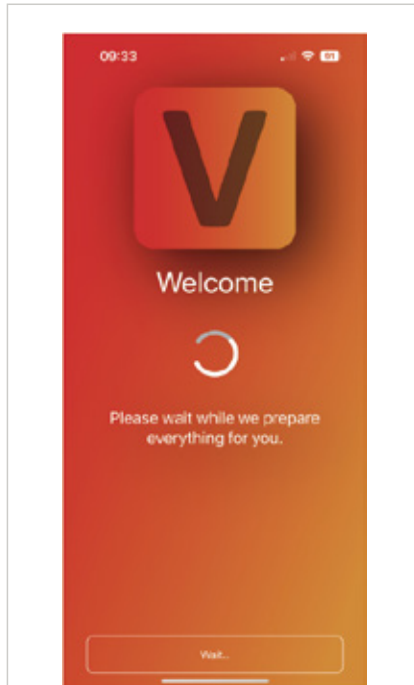
1) Fill in all the contents on the registration page and click the registration button to submit information.

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.

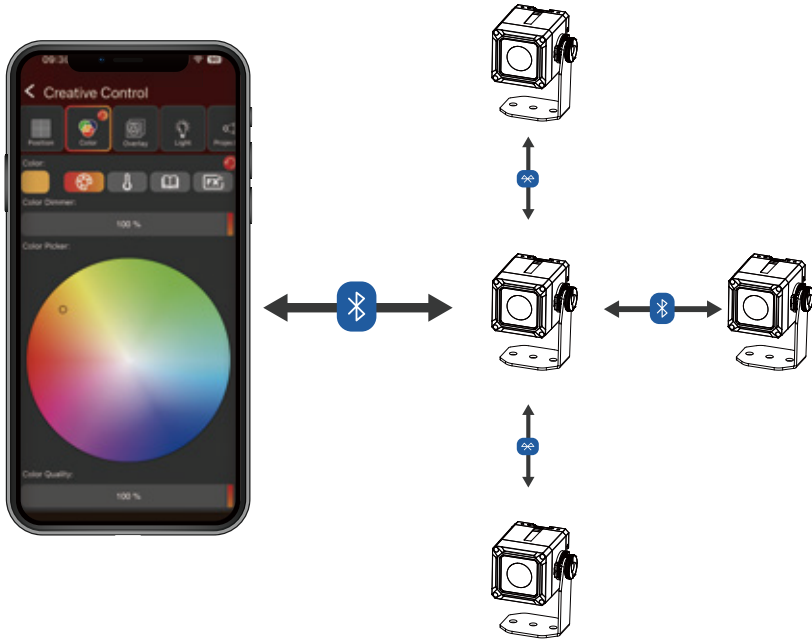
Note: For security reasons, it is recommended to keep your login credentials confidential.



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 FIXTURES COMMUNICATION:

Creating a powerful and robust network without range limitations

## SYNCHRONIZED & FIXTURE TO FIXTURE

### EFFECTS:

Seamless Transition

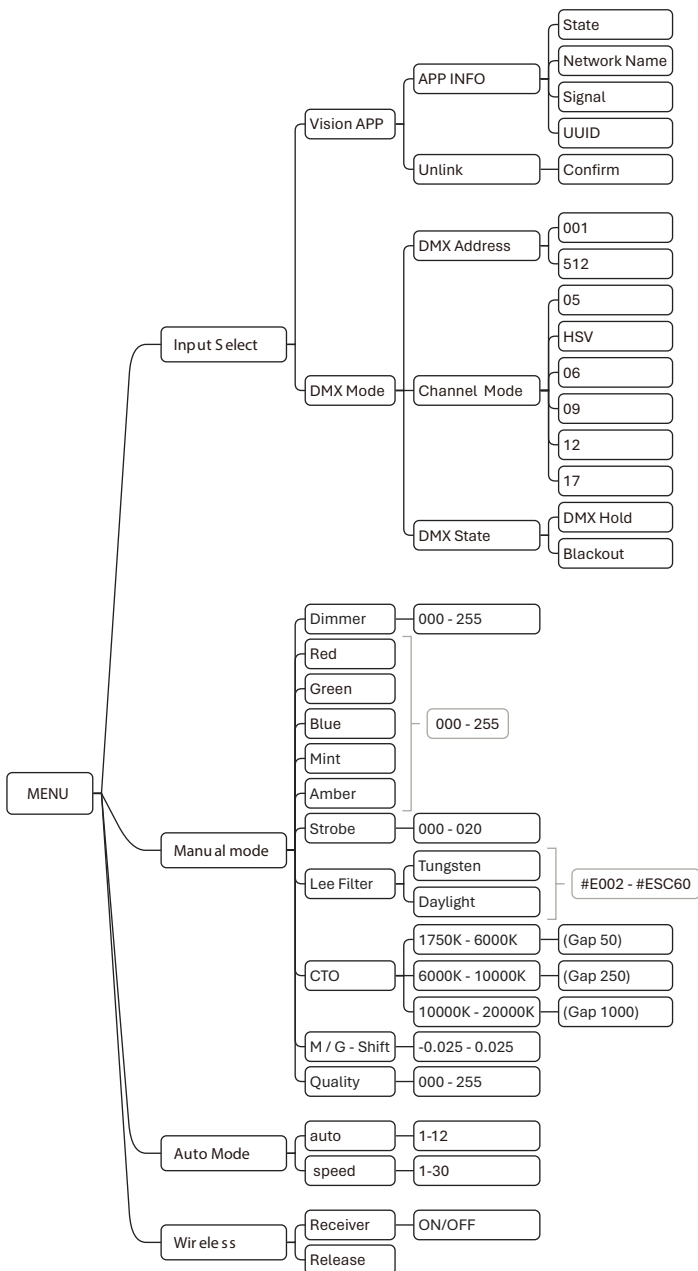
## REAL TIME CONTROL:

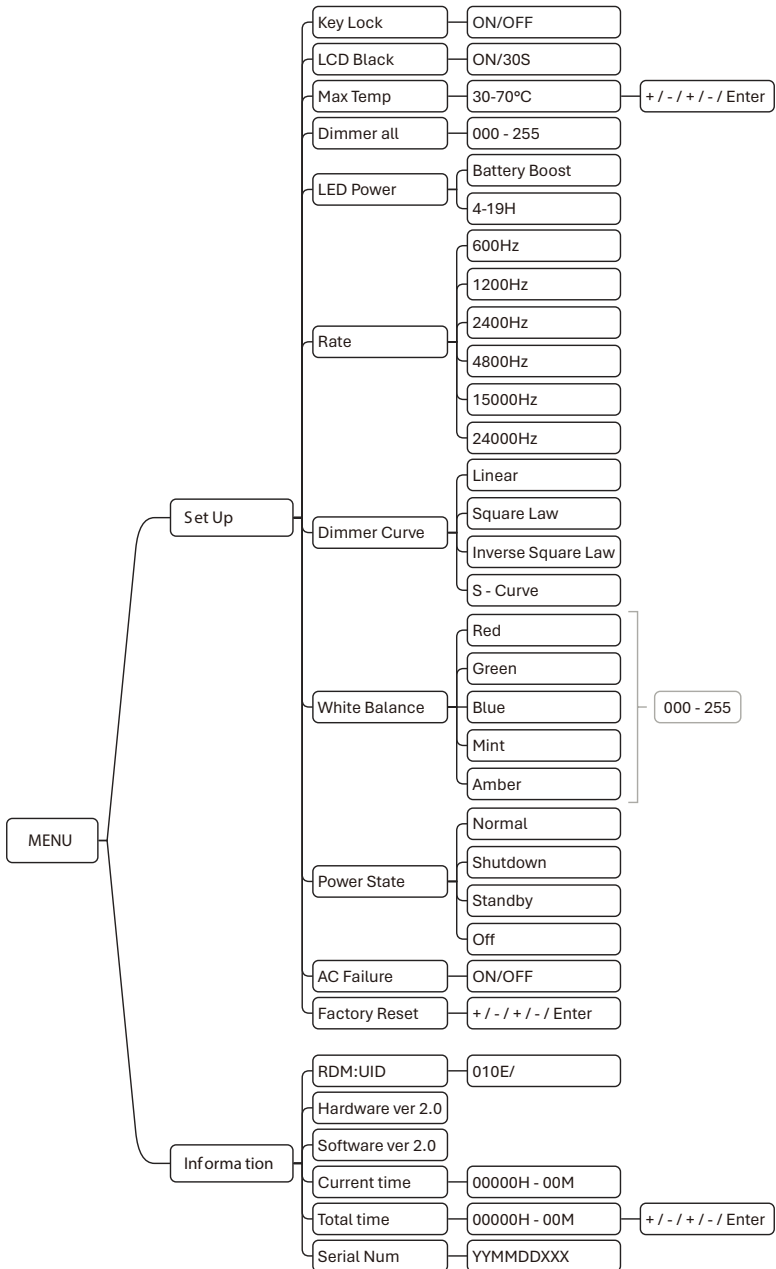
Control your fixtures without delay

## ACCESSIBILITY FROM ANYWHERE:

Cloud synchronization for app & Fixture data

# Programme Menu





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

1.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 "APP INFO" will be showed, press "up or down" button, and the APP connection state,network name, signal and UUID will be displayed.

3) Press "up or down" button, and "unlink" will be showed.Then will showed confirm after click enter and click enter again.

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

1) "xxx" will be showed, "x" represents the showed address. You can press the UP or DOWN button to select your desired address.

2) "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.

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.

Manual mode-In this menu, you can adjust Dimmer, Halogen, Color Macro, Strobe, CTO you desired.

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

2. Press "ENTER" and there has 11 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)Red - You can adjust the brightness of Red in this menu.

3)Green - You can adjust the brightness of Green in this menu.

4)Blue - You can adjust the brightness of Blue in this menu.

5)Mint - You can adjust the brightness of Mint in this menu.

6)Amber - You can adjust the brightness of Amber in this menu.

7)Strobe - You can adjust the speed of strobe in this menu.

8)Lee Filter - You can adjust the Tungsten and Daylight from #E002-#ESC60 in this menu.

9)CTO - You can adjust the CTO from 1750K-20000K in this menu.

10)M / G - Shift - You can adjust the M/G-Shift from -0.025-0.025 in this menu.

11)Quality - You can adjust the Quality from 000-255 in this menu.

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 30 in this menu.

2)AUTO MODE-You can select your desired auto mode from 01 to 12 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 11 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 [ DOWN ] + [ UP ] + [ DOWN ] + [ UP ] .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) LCD Black-in this item,you can select "30s"or "ON".If you select ON,the display will be on all the time.And if you select 30s,the screen will turn off after 30 seconds.
  - 3) Max Temp - You can set the your desired Max working temperature about the light 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.
  - 4) Dimmer all - You can adjust the brightness of each color in this menu.
  - 5)LED Power-You can select the battery usage mode.Battery boost is the most power-hungry mode and 19H is the most power-saving mode and in addition to that, there are 4-19 hours to choose from.
  - 6)Rate - You can choose the refresh frequency you want.
  - 7)Dimmer Curve - It provides 4 kinds of dimmer curves for you choose.
  - 8)White Balance -You can adjust the value of "Red","Green", "Blue", "Mint" and "Amber" from 0 to 255.
  - 9)Power State -You can adjust the power state in this menu.
  - 10)AC Failure - Press "ENTER" button and then UP or DOWN button until "AC Failure" is showed. Press "ENTER" button, and "ON" or "OFF" will be showed.If you select "on", emergency light function can be activated after power failure.
  - 11)Factory Reset - 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 and the run time of the light.

1. Press "ENTER" and then press "UP" or "DOWN" to "INFORMATION".
2. Press "ENTER" and select "RDM" , "Hardware" , "Software" , "Current time" , "Total time" or "Serial Num" . Then press "ENTER",you can see 6 items as below:
  - 1) RDM:UID - It shows RDM information.
  - 2) Hardware - It shows the Hardware information.
  - 3) Software - It shows the Software information.
  - 4) Current time - It shows the current working hours of the light.
  - 5) Total time - It shows the total working hours of the light.
  - 6) Serial Num - It shows the serial number information.

## DMX control mode

CHANNEL 5		
Channel	Value	Function
1	000 - 255	Master Dimmer
2	000 - 255	Lee Filter ( Tungsten )
3	000 - 255	CTO ( 1750K - 20000K )
4	000 - 255	M / G - Shift
5	000 - 255	Quality

CHANNEL HSV		
Channel	Value	Function
1	000 - 255	Hue
2	000 - 255	Saturation
3	000 - 255	Value ( Brightness )

CHANNEL 6		
Channel	Value	Function
1	000 - 255	Red
2	000 - 255	Green
3	000 - 255	Blue
4	000 - 255	Mint
5	000 - 255	Amber
6	000 - 255	Strobe ( 0 - 20Hz )

CHANNEL 9		
Channel	Value	Function
1	000 - 255	Master Dimmer
2	000 - 255	Red
3	000 - 255	Green
4	000 - 255	Blue
5	000 - 255	Mint
6	000 - 255	Amber
7	000 - 255	Lee Filter ( Tungsten )
8	000 - 255	CTO ( 1750K - 20000K )
9	000 - 255	Strobe ( 0 - 20Hz )

CHANNEL 12		
Channel	Value	Function
1	000 - 255	Master Dimmer
2	000 - 255	Red
3	000 - 255	Green
4	000 - 255	Blue
5	000 - 255	Mint
6	000 - 255	Amber
7	000 - 255	Lee Filter ( Tungsten )
8	000 - 255	CTO ( 1750K - 20000K )
9	000 - 255	Strobe ( 0 - 20Hz )
10	000 - 255	Auto 1 - 10
11	000 - 255	Auto Speed
12	000 - 009	No Function
	010 - 029	Dimmer Speed 1
	030 - 069	Dimmer Speed 2
	070 - 129	Dimmer Speed 3
	130 - 189	Dimmer Speed 4
	190 - 255	Dimmer Speed 5

CHANNEL 17		
Channel	Value	Function
1	000 - 255	Master Dimmer
2	000 - 255	Red
3	000 - 255	Red Fine
4	000 - 255	Green
5	000 - 255	Green Fine
6	000 - 255	Blue
7	000 - 255	Blue Fine
8	000 - 255	Mint
9	000 - 255	Mint Fine
10	000 - 255	Amber
11	000 - 255	Amber Fine
12	000 - 255	Lee Filter ( Tungsten )
13	000 - 255	CTO ( 1750K - 20000K )
14	000 - 255	Strobe ( 0 - 20Hz )
15	000 - 255	Auto 1 - 10
16	000 - 255	Auto Speed
17	000 - 009	No Function
	010 - 029	Dimmer Speed 1
	030 - 069	Dimmer Speed 2
	070 - 129	Dimmer Speed 3
	130 - 189	Dimmer Speed 4
	190 - 255	Dimmer Speed 5

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

Auto					
21	39	Auto 1	140	159	Auto 7
40	59	Auto 2	160	179	Auto 8
60	79	Auto 3	180	199	Auto 9
80	99	Auto 4	200	219	Auto 10
100	119	Auto 5	220	239	Auto 11
120	139	Auto 6	240	255	Auto 12

Auto Speed					
1	7	Auto Speed 1	120	127	Auto Speed 16
8	15	Auto Speed 2	128	135	Auto Speed 17
16	23	Auto Speed 3	136	143	Auto Speed 18
24	31	Auto Speed 4	144	151	Auto Speed 19
32	39	Auto Speed 5	152	159	Auto Speed 20
40	47	Auto Speed 6	160	167	Auto Speed 21
48	55	Auto Speed 7	168	175	Auto Speed 22
56	63	Auto Speed 8	176	183	Auto Speed 23
64	71	Auto Speed 9	184	191	Auto Speed 24
72	79	Auto Speed 10	192	199	Auto Speed 25
80	87	Auto Speed 11	200	207	Auto Speed 26
88	95	Auto Speed 12	208	215	Auto Speed 27
96	103	Auto Speed 13	216	223	Auto Speed 28
104	111	Auto Speed 14	224	231	Auto Speed 29
112	119	Auto Speed 15	232	255	Auto Speed 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

Lee Filter					
1	COLOR 1	33	COLOR 33	65	COLOR 65
2	COLOR 2	34	COLOR 34	66	COLOR 66
3	COLOR 3	35	COLOR 35	67	COLOR 67
4	COLOR 4	36	COLOR 36	68	COLOR 68
5	COLOR 5	37	COLOR 37	69	COLOR 69
6	COLOR 6	38	COLOR 38	70	COLOR 70
7	COLOR 7	39	COLOR 39	71	COLOR 71
8	COLOR 8	40	COLOR 40	72	COLOR 72
9	COLOR 9	41	COLOR 41	73	COLOR 73
10	COLOR 10	42	COLOR 42	74	COLOR 74
11	COLOR 11	43	COLOR 43	75	COLOR 75
12	COLOR 12	44	COLOR 44	76	COLOR 76
13	COLOR 13	45	COLOR 45	77	COLOR 77
14	COLOR 14	46	COLOR 46	78	COLOR 78
15	COLOR 15	47	COLOR 47	79	COLOR 79
16	COLOR 16	48	COLOR 48	80	COLOR 80
17	COLOR 17	49	COLOR 49	81	COLOR 81
18	COLOR 18	50	COLOR 50	82	COLOR 82
19	COLOR 19	51	COLOR 51	83	COLOR 83
20	COLOR 20	52	COLOR 52	84	COLOR 84
21	COLOR 21	53	COLOR 53	85	COLOR 85
22	COLOR 22	54	COLOR 54	86	COLOR 86
23	COLOR 23	55	COLOR 55	87	COLOR 87
24	COLOR 24	56	COLOR 56	88	COLOR 88
25	COLOR 25	57	COLOR 57	89	COLOR 89
26	COLOR 26	58	COLOR 58	90	COLOR 90
27	COLOR 27	59	COLOR 59	91	COLOR 91
28	COLOR 28	60	COLOR 60	92	COLOR 92
29	COLOR 29	61	COLOR 61	93	COLOR 93
30	COLOR 30	62	COLOR 62	94	COLOR 94
31	COLOR 31	63	COLOR 63	95	COLOR 95
32	COLOR 32	64	COLOR 64	96	COLOR 96

97	COLOR 97	129	COLOR 129	161	COLOR 161
98	COLOR 98	130	COLOR 130	162	COLOR 162
99	COLOR 99	131	COLOR 131	163	COLOR 163
100	COLOR 100	132	COLOR 132	164	COLOR 164
101	COLOR 101	133	COLOR 133	165	COLOR 165
102	COLOR 102	134	COLOR 134	166	COLOR 166
103	COLOR 103	135	COLOR 135	167	COLOR 167
104	COLOR 104	136	COLOR 136	168	COLOR 168
105	COLOR 105	137	COLOR 137	169	COLOR 169
106	COLOR 106	138	COLOR 138	170	COLOR 170
107	COLOR 107	139	COLOR 139	171	COLOR 171
108	COLOR 108	140	COLOR 140	172	COLOR 172
109	COLOR 109	141	COLOR 141	173	COLOR 173
110	COLOR 110	142	COLOR 142	174	COLOR 174
111	COLOR 111	143	COLOR 143	175	COLOR 175
112	COLOR 112	144	COLOR 144	176	COLOR 176
113	COLOR 113	145	COLOR 145	177	COLOR 177
114	COLOR 114	146	COLOR 146	178	COLOR 178
115	COLOR 115	147	COLOR 147	179	COLOR 179
116	COLOR 116	148	COLOR 148	180	COLOR 180
117	COLOR 117	149	COLOR 149	181	COLOR 181
118	COLOR 118	150	COLOR 150	182	COLOR 182
119	COLOR 119	151	COLOR 151	183	COLOR 183
120	COLOR 120	152	COLOR 152	184	COLOR 184
121	COLOR 121	153	COLOR 153	185	COLOR 185
122	COLOR 122	154	COLOR 154	186	COLOR 186
123	COLOR 123	155	COLOR 155	187	COLOR 187
124	COLOR 124	156	COLOR 156	188	COLOR 188
125	COLOR 125	157	COLOR 157	189	COLOR 189
126	COLOR 126	158	COLOR 158	190	COLOR 190
127	COLOR 127	159	COLOR 159	191	COLOR 191
128	COLOR 128	160	COLOR 160	192	COLOR 192

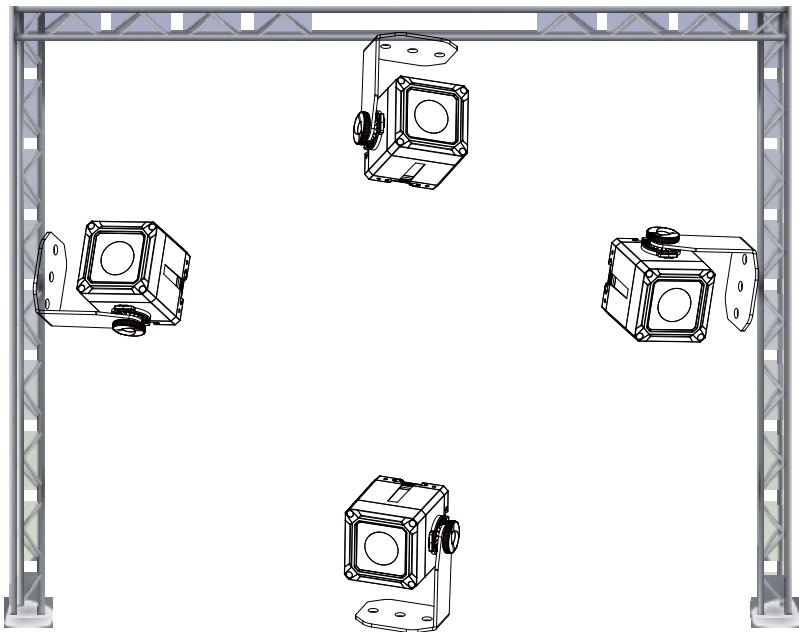
193	COLOR 193	214	COLOR 214	235	COLOR 235
194	COLOR 194	215	COLOR 215	236	COLOR 236
195	COLOR 195	216	COLOR 216	237	COLOR 237
196	COLOR 196	217	COLOR 217	238	COLOR 238
197	COLOR 197	218	COLOR 218	239	COLOR 239
198	COLOR 198	219	COLOR 219	240	COLOR 240
199	COLOR 199	220	COLOR 220	241	COLOR 241
200	COLOR 200	221	COLOR 221	242	COLOR 242
201	COLOR 201	222	COLOR 222	243	COLOR 243
202	COLOR 202	223	COLOR 223	244	COLOR 244
203	COLOR 203	224	COLOR 224	245	COLOR 245
204	COLOR 204	225	COLOR 225	246	COLOR 246
205	COLOR 205	226	COLOR 226	247	COLOR 247
206	COLOR 206	227	COLOR 227	248	COLOR 248
207	COLOR 207	228	COLOR 228	249	COLOR 249
208	COLOR 208	229	COLOR 229	250	COLOR 250
209	COLOR 209	230	COLOR 230	251	COLOR 251
210	COLOR 210	231	COLOR 231	252	COLOR 252
211	COLOR 211	232	COLOR 232	253	COLOR 253
212	COLOR 212	233	COLOR 233	254	COLOR 254
213	COLOR 213	234	COLOR 234	255	COLOR 255

## Mounting

When installing the unit, the trussing or area of installation must be able to hold 10 times the weight without any deformation. When installing the unit must be secured with a secondary safety attachment, e.g. and appropriate safety cable. Never stand directly below the unit when mounting, removing, or servicing the unit.

Overhead mounting requires extensive experience, including calculating working load limits, installation material being used, and periodic safety inspection of all installation material and unit. If you lack these qualifications, do not attempt the installation yourself.

The installation should be checked by a skilled person once a year.



The eMotion Dot is fully operational in two different mounting positions, hanging upside-down from a ceiling or set on a flat level surface. To avoid internal damage to the unit, never mount the unit on its side as illustrated above. Be sure this fixture is kept at least 0.5m away from any flammable materials (decoration etc.). And you'd better use and install the supplied safety cable as a safety measure to prevent accidental damage and/or injury in the event the clamp fails (see next page).

## **CHARGE WITH ABS CASE**



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



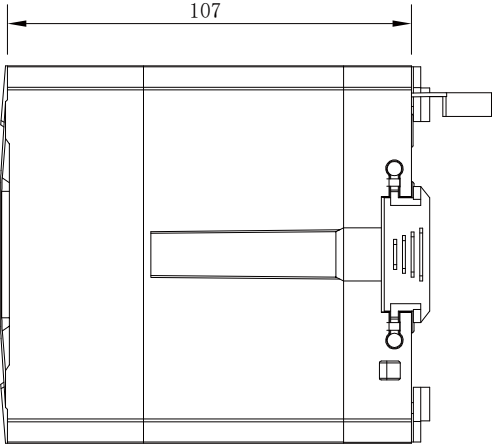
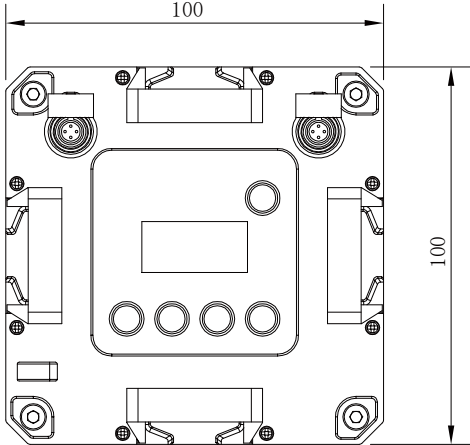
**DURING THE COMPLETE PROCESS OF BATTERIES CHARGE THE PROJECTORS MUST BE ALWAYS OFF.**

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.

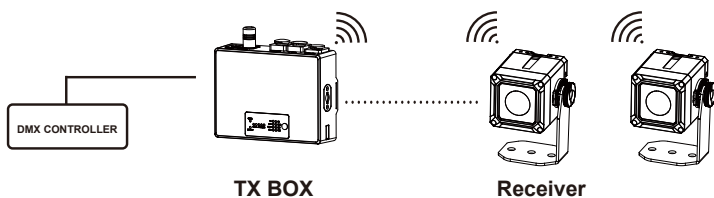
# Product Overview



## Connection in wireless mode -DMX



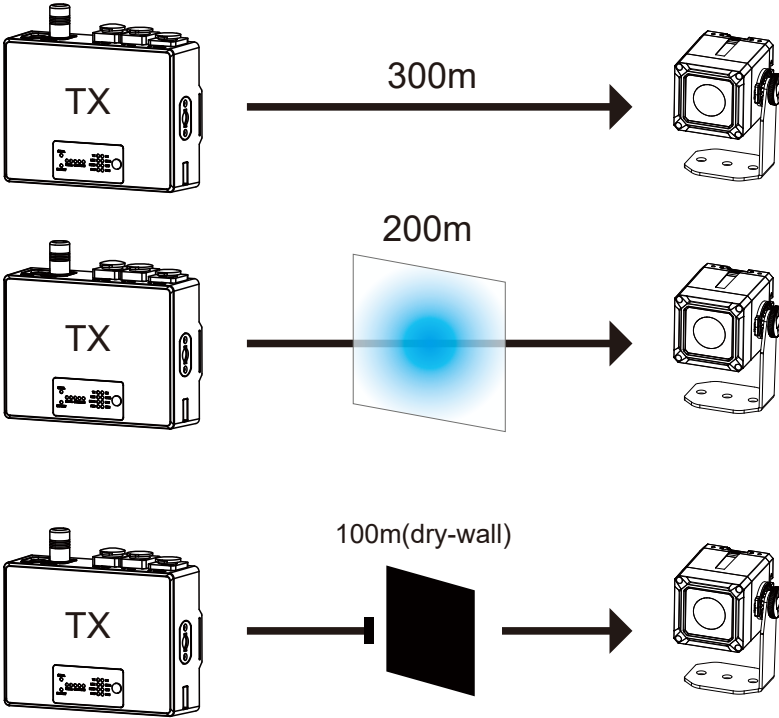
When connection wireless mode, please remember release first.



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.

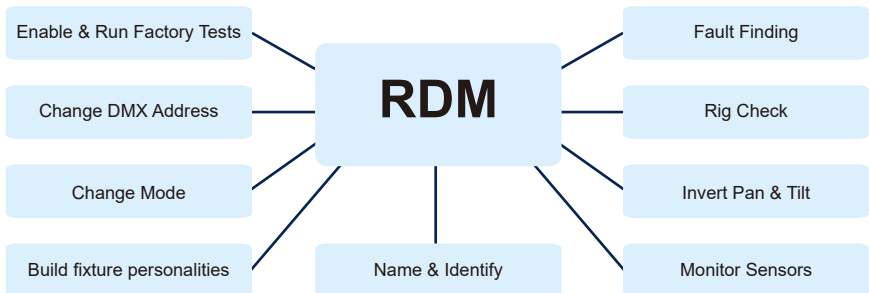
It allows two-way communication between the lighting device or system controller and the connected RDM compatible device through the standard DMX. This protocol will allow these devices to be configured, monitored, and managed in a manner that does not interfere with the normal operation of standard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