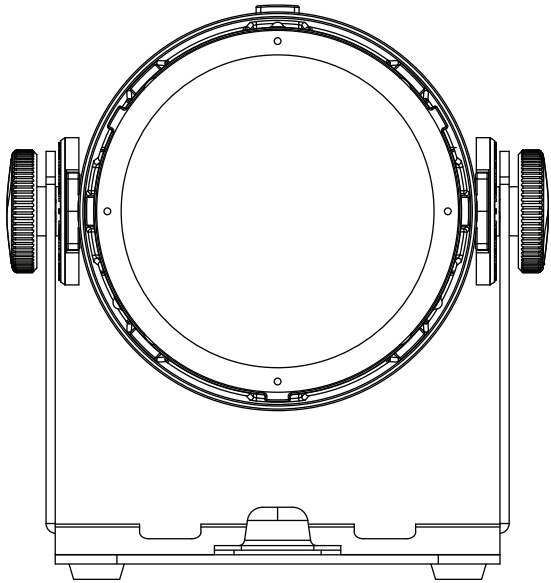
LumiGo PAR404

BATTERY-OPERATED IP65 4X20W RGBL PAR
WITH WIRELESS CRMX & APP CONTROL

CYCLOPS
LIGHTING



USER MANUAL

PRODUCT
DOCUMENTATION

DMX
CHART

www.cyclopslighting.com

INDEX

1. Safety Information 03
2. Technical Specifications 04
3. Device Overview 05
4. Installation 06
5. Control Panel & Control APP 07
6. Menu Operation & Settings 12
7. DMX Channels 14

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.

1. SAFETY INFORMATION

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℃



•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. TECHNICAL SPECIFICATIONS

1. Standard Configuration

- 1x LumiGo PAR404

2.Control Functions

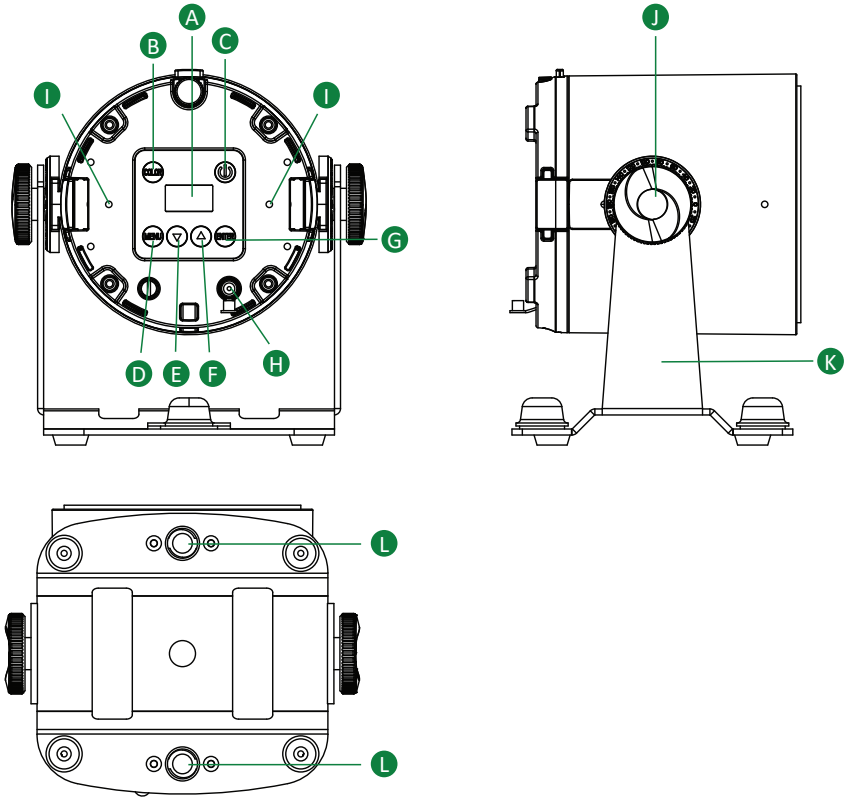
- 2/HSV/5/8/11/15CH
- Master&Slave mode
- CRMX Wireless DMX
- VISION APP

3.Features

- Light Source: Main Led Panel:4*20W RGBL
- Native beam angle(s):20°
- Initial field of view (spot angle):25°
- Color Temperature range(W)6000K
- Total power:50W
- Battery working time @ full light:4H
- Battery working time @ auto:8H
- Battery charging time:4.5H
- DC Input 18V/5A
- Luminous flux:3150 lm
- Illuminance Lux @ 2m:8574 lx
- Illuminance Lux @ 5m:1372 lx
- Illuminance Lux @ 8m:536 lx
- Illuminance Lux @ 10m:343 lx
- Run Mode: DMX 512 /Master Slave/Auto Run
- Wireless DMX from Sweden
- 10 internal programs and 10 customerize programs
- 4 different dimming curve
- Strobe:0 - 20Hz adjustable
- Tilt:0-360°
- IP65
- Temperature: -40°C~40°C
- LED PWM Frenquency:6K-18KHz
- N.W: 2.87 KG
- Dimensions: 177 x 160 x 187mm

3. DEVICE OVERVIEW

1. Connections

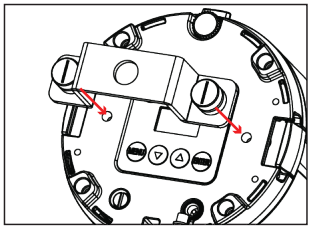


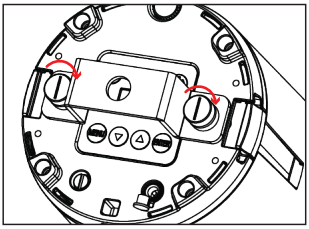
A: LCD Screen
B: Color
C: Power switch
D: Menu
E: Up
F: Down
G: Enter
H: DC Input
I: Mounting hole of the hanging plate
J: Knob 0-360°
K: Removable stand
L: Mounting hole of fast lock

4. INSTALLATION

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

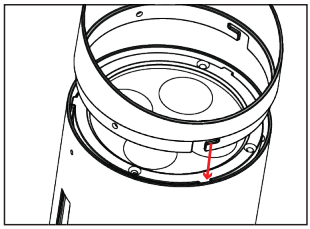
● *Hanging plate*

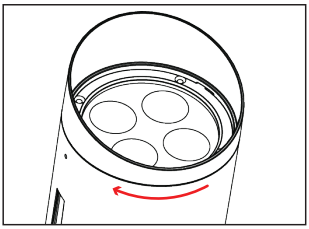




Fixed by pre-drilled holes in the back cover.

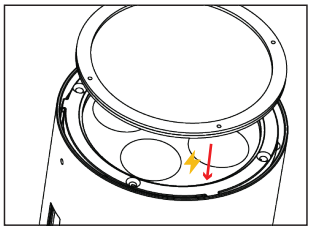
● *Half-Antiglare barndoor*

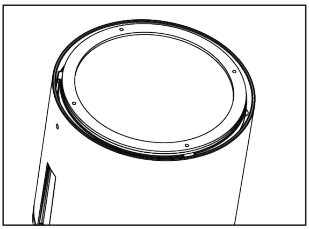




Align the three slots of the Half-Antiglare barndoor with the corresponding teeth in the front cover. Insert and secure by rotating clockwise 5°.

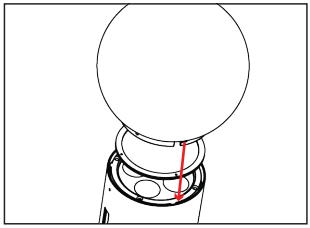
● *Magnetic Frost filter*

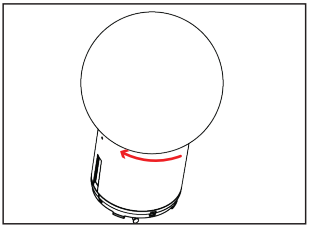




The light head has built-in magnets for attachment. Placing it on the light head to complete adsorption installation.

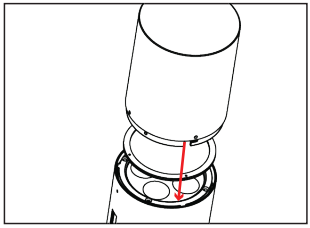
- *Bat Ball - You can optionally install a frost filter before attaching the bat ball for more uniform lighting.*

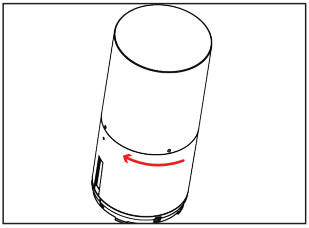




Align the three slots of the bat ball with the corresponding teeth inside the front cover.
Insert and rotate clockwise by 5° to lock in place.

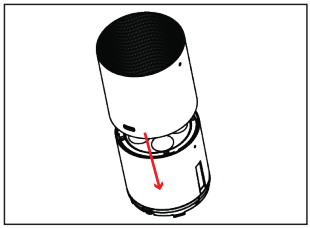
- *Bat Tube 15/50cm - You can optionally install a frost filter before attaching the bat tube for more uniform lighting.*

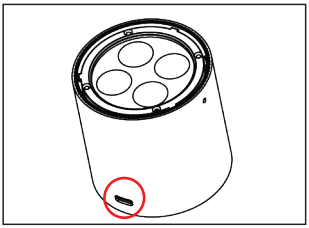




Align the three slots of the Bat Tube with the corresponding teeth in the front cover and rotate clockwise by 5° to lock in place.

- *Bat slivery cover*





Align the notch on the bat slivery cover bottom with the button on the light body.
Slide into place, then press the button until it locks into the notch.

5. CONTROL PANEL & CONTROL APP

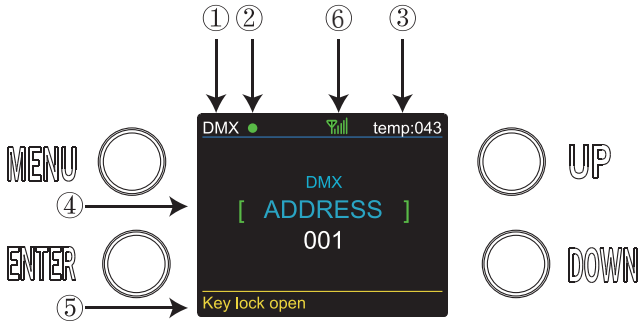
5.1. Control Display

MENU LCD Touch Screen

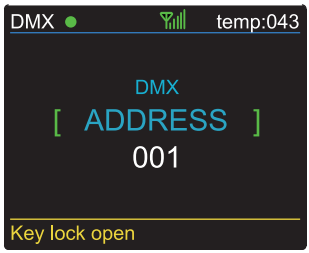
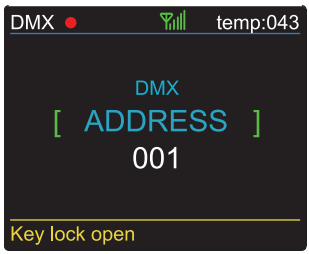
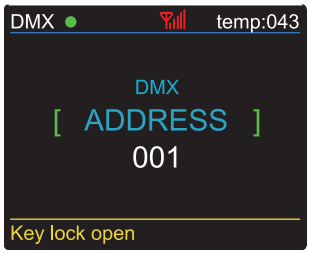
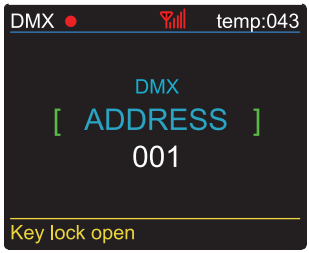
Press arrows to scroll up and down inside the menu and change values, such as DMX address

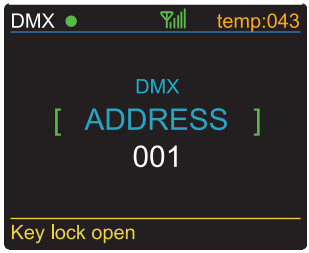
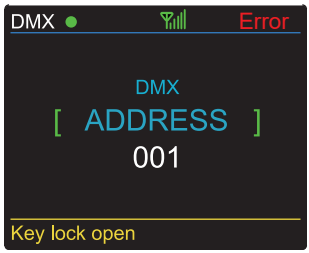
ENTER Press ENTER to access the selection menu for system settings or confirm changes

5.2.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.

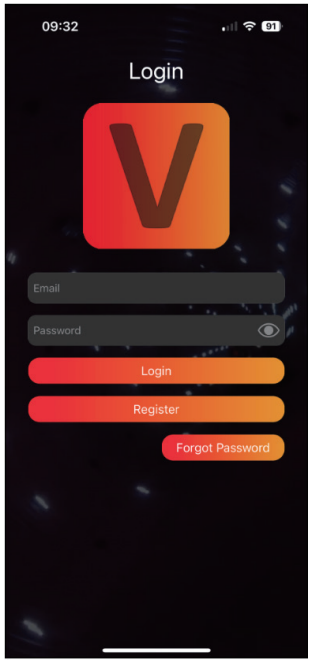
	While DMX and Wireless signal are green,it means DMX Mode and Wireless are connected.
	While DMX shows red but Wireless signal shows green,it means DMX Mode is disconnected and Wireless is connected.
	While DMX shows green but Wireless signal shows red,it means DMX Mode is connected and Wireless is disconnected.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

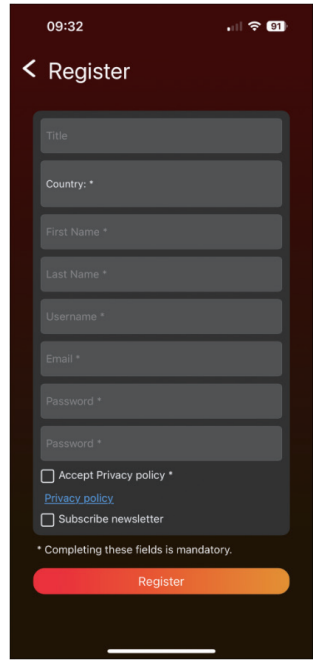
	While the letters and number show change from white to yellow, it means the temperature beyond max temperature of default settings.
	While the letters and numbers show Error, it means they have some problems with temperature.

5.3 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	

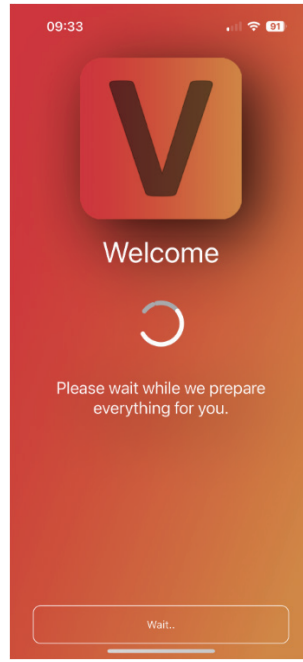




1. Log into the Google play store on your phone, search for Vision Control, and click Download to install.

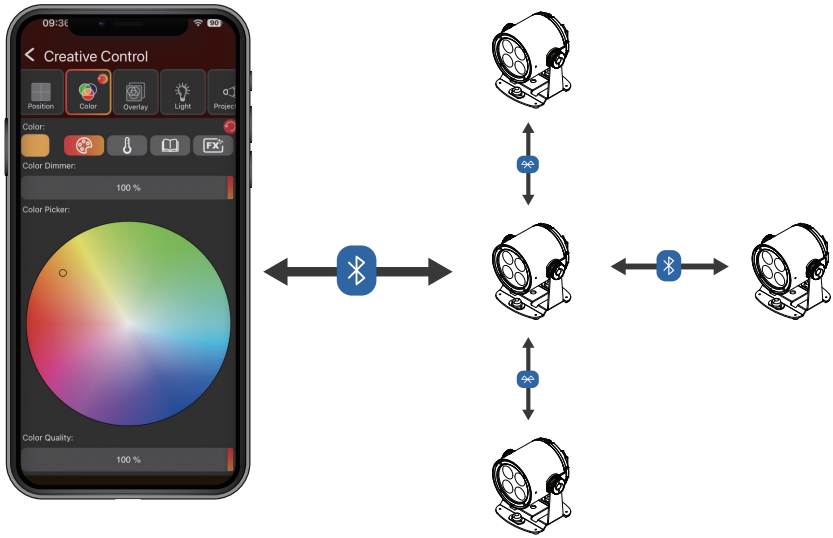
2.Click the Vision APP to enter the login screen.

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”.

5.4 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 seperate gateway required

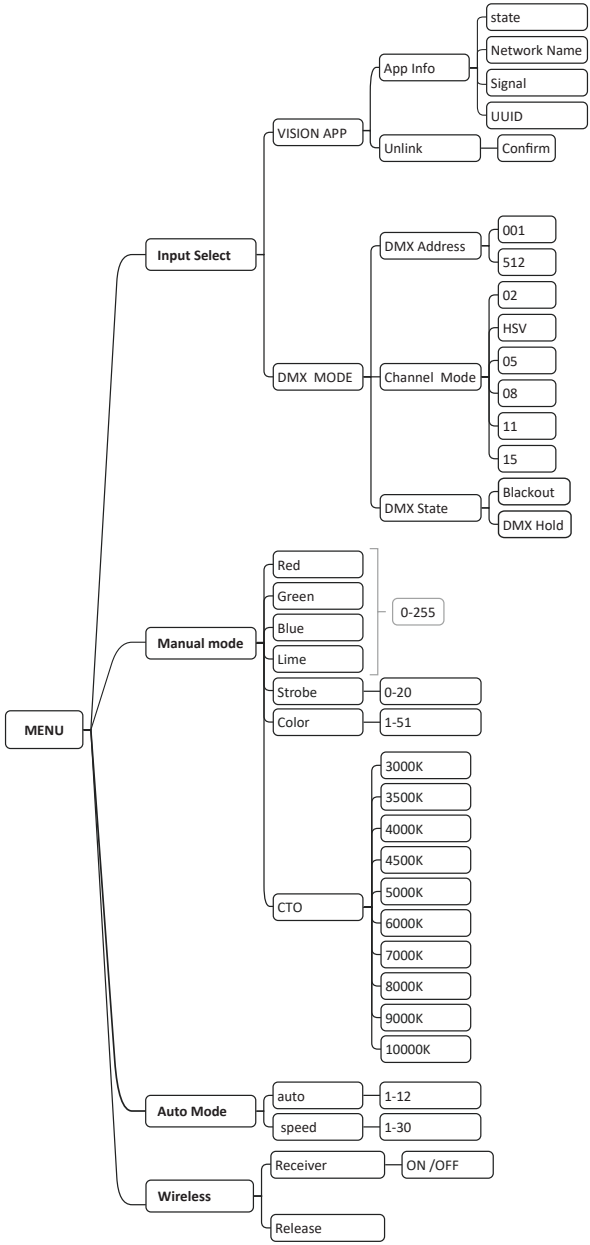
FIXTURE TO FIXTURES COMMUNICATION:
Creating a powerful and robust network without range limitations

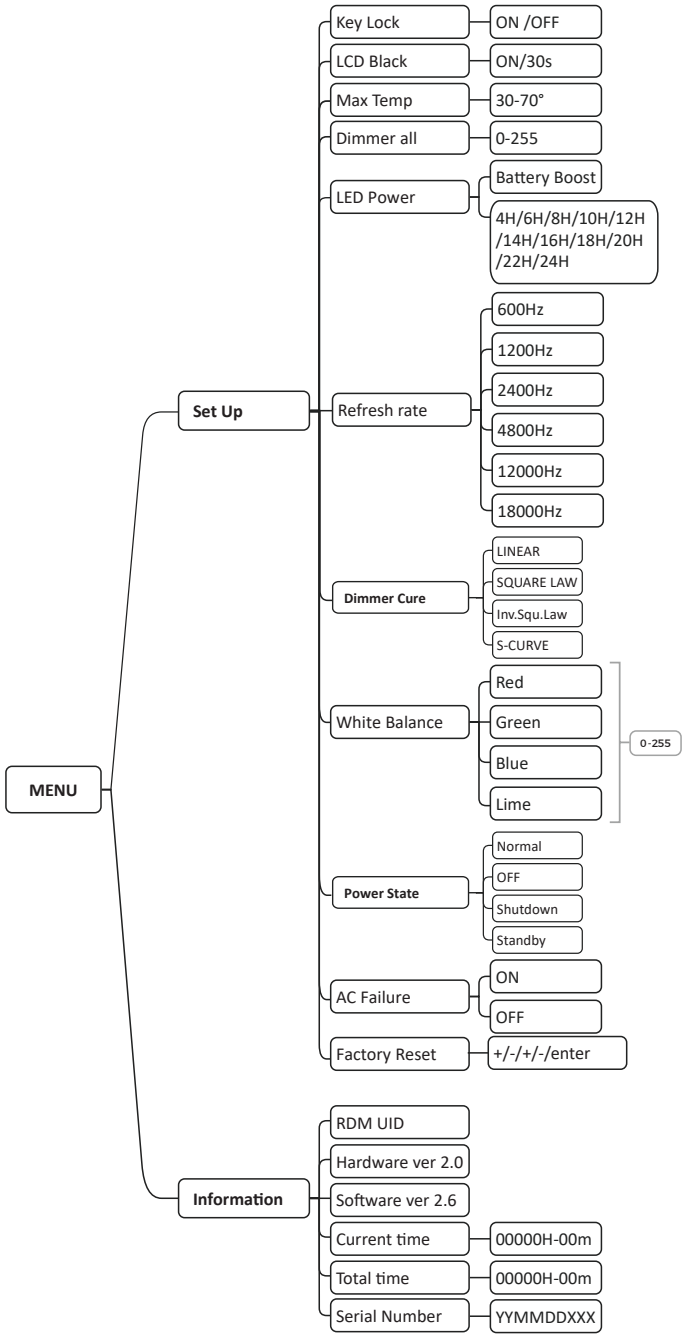
SYNCHRONIZED & FIXTURE TO FIXTURE EFFECTS:
Seamless Transition

REAL TIME CONTROL:
Control your fixtures without delay

ACCESSIBILITY FROM ANYWHERE:
Cloud synchronization for app & Fixture data

PROGRAMME MENU




MENU
Set Up
Key Lock
ON /OFF
LCD Black
ON/30s
Max Temp
30-70°
Dimmer all
0-255
LED Power
Battery Boost
4H/6H/8H/10H/12H
/14H/16H/18H/20H
/22H/24H
Refresh rate
600Hz
1200Hz
2400Hz
4800Hz
12000Hz
18000Hz
Dimmer Cure
LINEAR
SQUARE LAW
Inv.Squ.Law
S-CURVE
White Balance
Red
Green
Blue
Lime
0-255
Power State
Normal
OFF
Shutdown
Standby
AC Failure
ON
OFF
Factory Reset
+/-/+/-/enter
Information
RDM UID
Hardware ver 2.0
Software ver 2.6
Current time
00000H-00m
Total time
00000H-00m
Serial Number
YYMMDDXXX

6. MENU OPERATION & SETTINGS

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 displayed. 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 dimmer curve of the light.
1.Press "ENTER" button and then UP or DOWN button until "Dim Curve" is showed.
2.Press "ENTER" button,and "Linear" “SQUARE LAW” “Inv.Squ.Law” “S-CURVE” will be showed. Then press ENTER to select your desired Dim Curve.

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 “01-31” for you choose.
2) AUTO MODE - It provides “AUTO 1- AUTO 12” for you choose.

Manual MODE-In this menu,you can adjust dimmer, static color, strobe you desired.
1. Press “ENTER” and then press “UP” or “DOWN” to “MANUAL MODE”.
2. Press “ENTER” and there has 3 options then press “UP” or “DOWN” to select the value you desired 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)Lime-You can adjust the lime brightness in this menu.
5)COLOR-You can select 51 different kinds of color in this menu.
6)Strobe-You can adjust the strobe mode in this menu.

CTO-In this menu,you can adjust the color temperature of the light.
1.Press "ENTER" button and then UP or DOWN button until "CTO" is showed.
2.Press "ENTER" button and select the color temperature you want.

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)Transmitter- In this item,you can select "ON" or "OFF".If you select ON,you can use the wireless transmit function or select “OFF” to turn off.
2)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.
3)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” and then press “UP” or “DOWN” to “SET UP”.
2. Press “ENTER” and there has 10 options then press “ENTER” to select the options and press “UP” or “DOWN” to select the value you desired 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 18H is the most power-saving mode and in addition to that, there are 6H,12H,Battery boost to choose from.
4)Refresh Rate-You can select the refresh rate from 600Hz to 18000 Hz.
5)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.
6)Dimmer All-You can adjust the brightness of each color from 0 to 255 in this menu.
7)Fan mode-You can adjust the fan mode in this menu.
8)Balance-You can adjust the value of "Red",“Green" and "Blue" from 0 to 255.

INFORMATION-In this menu, you can learn about the information of RDM, software, hardware , current time and the total time of the light.
1. Press “ENTER” and then press “UP” or “DOWN” to “INFORMATION”.
2. Press “ENTER” ,you can see 5 items as below:
1) Hardware - It shows the Hardware information.
2)Software - It shows the software information.
3) Current time - It shows the working time information.
4) RDM UID - It shows RDM information.
5) Total times - It shows the total working hours of the light.

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

7. DMX CHANNELS

CHANNEL 2		
Channel	**Value**	**Function**
1	000 - 255	Color
2	000 - 255	CTO (3000K - 10000K)

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

CHANNEL 5		
Channel	**Value**	**Function**
1	000 - 255	Red
2	000 - 255	Green
3	000 - 255	Blue
4	000 - 255	Lime
5	000 - 255	Strobe

CHANNEL 8		
Channel	**Value**	**Function**
1	000 - 255	Master Dimmer
2	000 - 255	Red
3	000 - 255	Green
4	000 - 255	Blue
5	000 - 255	Lime
6	000 - 255	Color
7	000 - 255	CTO (3000K - 10000K)
8	000 - 255	Strobe

CHANNEL 11		
Channel	**Value**	**Function**
1	000 - 255	Master Dimmer
2	000 - 255	Red
3	000 - 255	Green
4	000 - 255	Blue
5	000 - 255	Lime
6	000 - 255	Color
7	000 - 255	CTO (3000K - 10000K)
8	000 - 255	Strobe
9	000 - 255	Auto
10	000 - 255	Auto Speed
11	000 - 255	Dimmer Speed

CHANNEL 15		
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	Lime
9	000 - 255	Lime Fine
10	000 - 255	Color
11	000 - 255	CTO (3000K - 10000K)
12	000 - 255	Strobe
13	000 - 255	Auto
14	000 - 255	Auto Speed
15	000 - 255	Dimmer Speed

DMX CONTROL SHEET

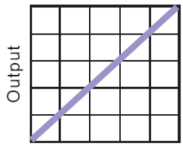
Color					
12	15	Color 1	116	119	Color 28
16	19	Color 2	120	123	Color 29
20	23	Color 4	128	131	Color 31
24	27	Color 5	132	135	Color 32
28	31	Color 6	136	139	Color 33
32	35	Color 7	140	143	Color 34
36	39	Color 8	144	147	Color 35
40	43	Color 9	148	151	Color 36
44	47	Color 10	152	155	Color 37
48	51	Color 11	156	159	Color 38
52	55	Color 12	160	163	Color 39
56	59	Color 13	164	167	Color 40
60	63	Color 14	168	171	Color 41
64	67	Color 15	172	175	Color 42
68	71	Color 16	176	179	Color 43
72	75	Color 17	180	183	Color 44
80	83	Color 19	188	191	Color 46
84	87	Color 20	192	195	Color 47
88	91	Color 21	196	199	Color 48
92	95	Color 22	200	203	Color 49
96	99	Color 23	204	207	Color 50
100	103	Color 24	208	211	Color 51
104	107	Color 25	212	215	Color 52
108	111	Color 26	216	255	Color 51
112	115	Color 27			

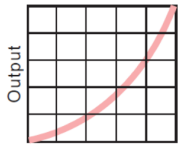
CTO		
8	31	3000K
32	55	3500K
56	79	4000K
80	103	4500K
104	127	5000K
128	151	6000K
152	175	7000K
176	199	8000K
200	223	9000K
224	255	10000K

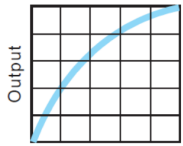
Auto		
21	39	Auto 1
40	59	Auto 2
60	79	Auto 3
80	99	Auto 4
100	119	Auto 5
120	139	Auto 6
140	159	Auto 7
160	179	Auto 8
180	199	Auto 9
200	219	Auto 10
220	239	Auto 11
240	255	Auto 12

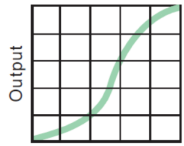
Dimmer Speed		
10	29	Dimmer Speed 0
30	69	Dimmer Speed 1
70	129	Dimmer Speed 2
130	189	Dimmer Speed 3
190	255	Dimmer Speed 4

DIMMER CURVE

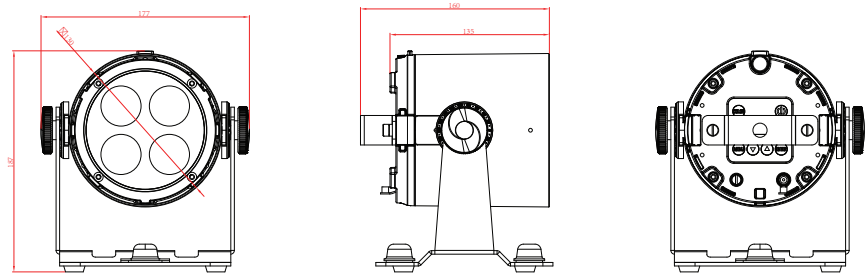




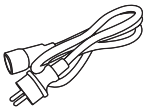




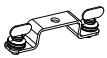
MECHANICAL SPECIFICATION



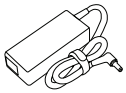
ACCESSORY



Power cable
(additional purchase)

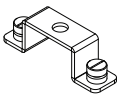


Fast lock



Adapter
(additional purchase)

OPTIONAL ACCESSORIES



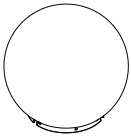
Hanging plate



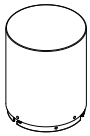
Half-Antiglare
barndoor



Frost filter



Bat Ball



Bat Tube
15/50cm



Bat slivery cover

RDM

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		√	
DIMMER CURVE		√	√
DMX STATE		√	√
DIMMER SPEED		√	√



CYCLOPS
LIGHTING

Cyclops Lighting creates professional lighting fixtures for **lighting professionals**. Our extensive product catalog covers every lighting application, from small to big, from simple to complex. We focus on maximizing value for our users, ensuring superior **performance**, complete **documentation** and expert **worldwide support**.

www.cyclopslighting.com