Cyclone RGB II

User Manual

Safety Notes

Note: To ensure reasonable consistency of operation, please read this manual carefully. Any damages caused by the non-observance of this manual or any unauthorized modification to this product are not subject to warranty.

1. Maintain a 50CM space at the back of the fixture for dissipate heat.

2. This lamp is used for indoor lighting. When lamp works, lamp tube at high temperature.

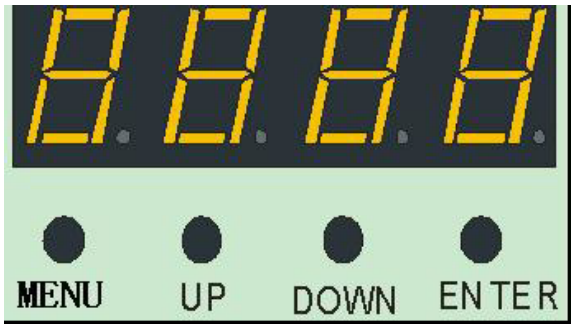
3. Make sure the voltage and frequency of power supply match the power require of this devise.

4. Please do not operate the equipment in the condition of wire damage or wear.

5. Do not remove any part of the equipment during the use of the fixture.

6. Any unauthorized modification to this product is not subject to warranty.

1. Display panel and key button definition



Menu key: Select the function

Up key: parameter arguments Down key: parameter decline

Confirm key: Determine and save

2. Menu function

Press the menu; key up or down to modify the function parameters and confirm with enter, which saves the current function and parameters (power memory after saving).

Menu function table：

A001	➡	A512	Modify the address code up or down (A001~A 512) to confirm that the key is saved, with the default of A001.
CH03	➡	CH24	Switch CH03, CH09, CH24 three channels up or down, confirm the key save, default CH09.
FF00	➡	FF99	Gradient, up or down to modify the gradient speed (FF00~ FF99), confirm that the key is saved, the default FF10.
EE00	➡	EE99	Pulse change, up or down to modify the pulse change speed (EE00~ EE99), confirm the key to save, the default EE10.
P000	➡	P241	There are 242 built-in effects (P000~P241), switch the built-in effects up or down, confirm the key save, and the default P000 jump.
S000	➡	S255	Modify the built-in effect running speed (S 000-S 255) and confirm that the key is saved, with the default S010.
Soud	➡	Soud	Sound control mode.
R255	➡	R000	Modify the red bead brightness (R 000-R255) up or down, and confirm that the key is saved, with the default R 255.
G255	➡	G000	Modify the green bead brightness (G000~ G255) to confirm that the key is saved, with the default G255.
B255	➡	B000	Modify the blue bead brightness up or down (B000~ B255), and confirm that the key is saved, with the default B255.
T000			Display temperature, such as T045 indicates the current lamp temperature of 45℃; 10K thermistor is not installed, display T000.

3. Master-slave control

Two or more of the same fixtures are connected by DMX three-core signal line, the fixture is set to any address code of A001~A512, any one is set as the master, and the other fixture are the slaves.

Pay attention: Only one host can be set for a group of fixtures. If there are more than one host, all fixtures will flash randomly and out of sync.

4. Factory setting

When any address code is A001~A512, press the menu button for 3 seconds to enter the factory setting. The factory settings are mainly the functions of the output power of each lamp, the fan setting mode, setting the temperature protection point, and sending the parameters. Any mode set by the factory, press the menu button for 3 seconds to exit.

Factory setting List:

R 255	➡	R032	Modify the red current (R032-R 255) up or down to confirm that the key is saved with the default R240.
G 255	➡	G032	Modify the green current up or down (G 032-G255) to confirm that the key is saved, with the default G240.
B 255	➡	B032	Modify the blue current up or down (B 032-B255), and confirm that the key is saved with the default B240.
FAN0	➡	FAN1	Fan setting: FAN0 lights on to start the fan, FAN1 reaches the set temperature protection points to start the fan, and confirm the key to save.
T040	➡	T105	Set the temperature protection point, modify the parameters up or down (40℃ ~105℃) and press OK to save, with the default T060.
S end	➡	S end	Send the parameters set by the local factory up or down to all other fixture connected by three-core signal lines; confirm that the transmission parameters exit by the dish menu key for 3 seconds and cancel the transmission by the confirmation key.

5. DMX512 console

After power on, all fixture address codes are set, all fixtures are connected to the DMX512 console in parallel with a three-core signal line, and the address code will stop flashing, indicating that the DMX512 console signal has been sent to the lamp, and the relevant functions are controlled by the DMX512 console according to each channel description.

CH03-channel Description:

channel	Channel value	basic function
1	000-255	Red dimming
2	000-255	Green dimming
3	000-255	Blue dimming

CH09 channel description:

channel	**Channel value**	**basic function**
1	000-255	Total dimming
2	000-255	Red dimming
3	000-255	Green dimming
4	000-255	Blue lamp beads for linear dimming
5	000-255	Strobe
6	000-255	Chase Mode 1 (Different chases every 2 DMX values)
7	000-255	Chase Mode 2 (Different chases every 2 DMX values)
8	000-255	Chase Mode 3 (Different chases every 2 DMX values)
9	000-255	Chase Speed

Description of the Ch24 channel:

channel	**Channel value**	**basic function**
1	000-255	Red Section 1
2	000-255	Green Section 1
3	000-255	Blue Section 1
… ↓	… ↓	…… ↓
22	000-255	Red Section 8
23	000-255	Green Section 8
24	000-255	Blue Section 8

6. Technical parameters:

Voltage: AC100~240V 50 / 60HZ Power:
240W
LED: x960,0503-RGBcolor LED
Control mode: DMX512, Auto, master, sound control.
Channel: CH03, CH09, and CH24
8 independent LED control sections.
Strobe frequency: 1~30HZ
Housing: Metal, black
Connection mode: DMX512 input / output
IP level: IP20