

RGB LED VIDEO FILM LIGHT  
PANEL AI SERIES

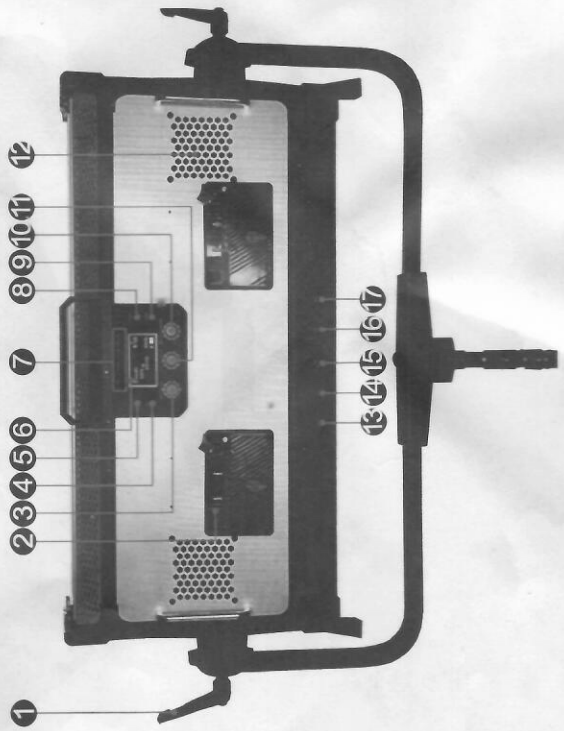


## Product Overview


RGB LED Film Panel Lights AI series are supported to the vibrant color selection. They are not only fully adjustable color from 2800k to 9990k, but also configured for using DMX, remote controller and phone App. Moreover, they manipulate 12 effects without the need for a lighting console or hours of programming. Each effect has several parameters that allow for customization of the effect to fit your needs.

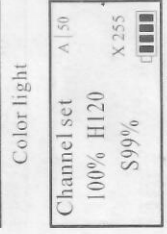
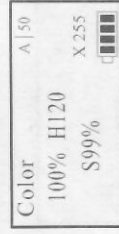
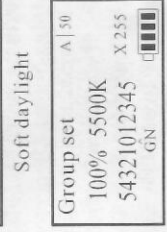
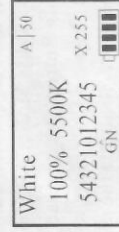
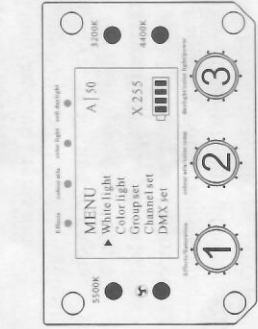
## Overview of Components

1. Tilt Angle Adjustment Screw
2. Battery Mounts
3. Multi functional Controller Push-Button#1 for effects /saturation
4. Fan Button for cooling
5. Shortcut Key for 5500k
6. LCD Display
7. Signal Light for all modes as effects/colour atla/color light/soft daylight
8. Shortcut Key for 3200k
9. Shortcut Key for 4400k
10. Multi functional Controller Push-Button#3 for daylight/color light/power
11. Multi functional Controller Push-Button#2 for colour atla/color temp
12. Fast Cooling Hole with Fan
13. ON/OFF Power Switch
14. AC Power Jack Round
15. 2.6V DC Power Jack Round
16. DMX IN Jack-plug
17. DMX OUT Jack-plug



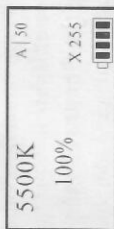
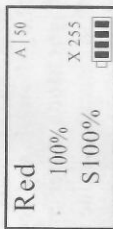
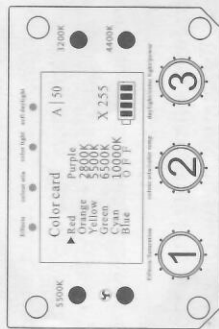
## On-Board Operation With LCD Display

- **RGB LED Film Panel Light** is powered by AC adapter (110V-220V) and DC 26V battery. Switch on the device with the ON/OFF Switch.
- **Selecting the mode on the device:** The submenu will come out after pressed Button#3. Rotate this button to select the mode as you need, and press it again to enter. There are five modes for your choices as White light, Color light, Group set, Channel set, DMX set.
- **Power Adjustment:** By rotating Button#3 to adjust the brightness from 0% to 100% at all modes.
- **Daylight Mode:** When it is at White light mode, you could rotate Button#2 to change color temperature from 2800k to 9990k. Besides, for correcting color temperature, you could rotate Button#1 to select the value of GN. (Increasing the GN will be yellowish, and decreasing the GN will be reddish)
- **Color Light Mode:** After entered into the Color light mode, you could rotate Button#2 to select hue value from 0 to 360 that changed color light as you want. (Red light is at 000, Green light is at 120, Blue light is at 240). If you rotate Button#1, the saturation value would be set from 0 to 99 that changed the color brilliance of light.
- **Setting the Channel on the device:** After entered into the Channel set mode, you could press Button#3 and the number as 01 flash. By rotating Button#3 to select how many lamps will you control at the same time. Finally, by pressing one of button to complete. (Channel could be set from 00 to 10)
- **Setting the Group on the device:** When it is at Group set mode, please press Button#3 and the letter as A flash. By rotating Button#3 to set the group as you need. And then, by pressing one of button to complete. (Group could be selected from A to F)
- **Setting DMX ADD on the device:** When it is at DMX set mode, DMX ADD as X255 flash and you could rotate the Button#2 to select the ADD. DMX address on the device is set successfully when it stops flashing. After that, by pressing one of button to complete. (PS: After entered into DMX set mode, you could press one of button and return to the submenu without rotating Button#2.)
- By pressing the Shortcut Key to get the color temperature as 3200k/4400k/5500k at all modes.
- By pressing Fan Button  to turn the fan on or off.



## Setting Colour Atla On the Device

- The submenu of colour atla will come out after pressed Button#2. By Rotating this button to select Red, and then press Button#2 again. To adjust the brightness from 0% to 100%, you could rotate Button#3. Moreover, if rotating Button#1, the saturation value would be set from 0% to 99%. (When it is at 0%, there is only white light. When it is set at 99%, the light is most vibrant.) There are seven color alfa with red, orange, yellow, green, cyan, blue and purple. All setting are the same for all of them.
- The submenu of colour atla will come out after pressed Button#2. By Rotating it to select 3200k, and then press Button#2 again. To adjust the brightness from 0% to 100%, you could rotate Button#3. There are four color temperature with 3200k, 4400k, 5500k and 6500k. All setting are the same for all of them.

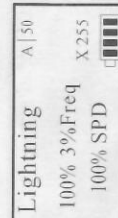
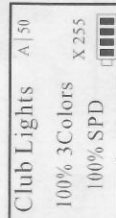
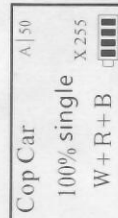


## Setting the Effects On the Device

- By pressing Button#1 to enter the Effects mode, and rotate it to select the effect. After that, press Button#1 to enter into the effect mode you want. There are 12 effects as Cop Car, Lighting, Fire, Pulsing, Color chase, Auto-Cycle, Candle, Fireworks, Paparazzi, Club Lights, Light Strobe and Clouds. PS: By selecting OFF to quit. OR by pressing other button to switch to other mode.
- Power Adjustment:** By rotating Button#3 to adjust the brightness from 0% to 100% at all modes.

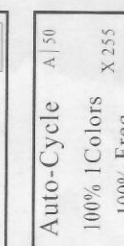
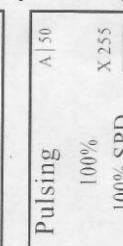
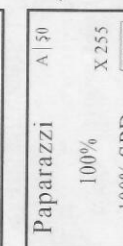
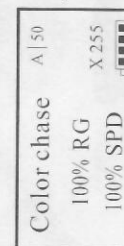
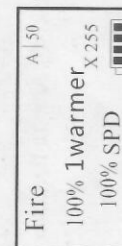
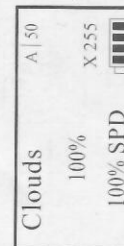
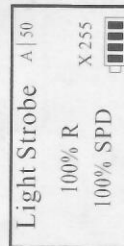
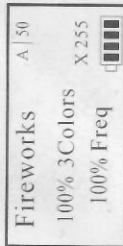
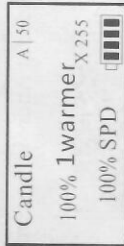


- Cop Car Mode:** After entered into the Cop Car mode, you could rotate Button#2 to select the lighting pattern as B, R+W, B+W, R+B+W. Secondly, by rotating Button#1 to set the times of flash as single, double, quintal, quad and cycle.
- Club Lights Mode:** After entered into the Club Lights mode, by rotating Button#2 to choose how many colors will flash in cycles. You could choose a few colors with 3, 6, 9, 15, 18, 21 and 24 colors. Furthermore, to adjust the speed of the flash from 0% to 100%, please rotate Button#1. (0% is fastest and 100% is slowest)
- Lightning Mode:** After entered into the Lightning mode, you could rotate Button#2 to set the lightning frequency from 0% to 6%Freq. Besides, if you rotate Button#1, the time interval of the automatically lightning is set from 0% to 100%SPD. (If the time interval is set as 0%, you have to rotate the Button#1 reversely and manually to lightning once. It means that the automatically lightning could work between 1% and 100%.)



## Setting the Effects On the Device

- Candle Mode:** After entered into the Candle mode, rotate the Button#2 to select the color temperature as 1 warmer, 2 Neutral and 3 cooler. Besides, by rotating Button#1 to adjust the speed how fast these color temperature will change in cycles.
- Fireworks Mode:** After entered into the Fireworks mode, you could rotate the Button#2 to choose the color of fireworks with 1 colors, 2 white and 3c+w. Furthermore, by rotating the Button#1 to adjust the speed how fast these color will change.
- Light Strobe Mode:** After entered into the Light Strobe mode, by rotating the Button#2 to select the color as R, G, B, C. If rotating the Button#1, the speed of the strobe would be adjusted.
- Clouds Mode:** After entered into the Clouds mode, you could rotate the Button#1 to adjust the speed from 0% to 100%SPD. It means that how fast the clouds will drift.
- Fire Mode:** After entered into the Fire mode, by rotating the Button#2 to select the color temperature as 1 warmer, 2 Neutral and 3 cooler. And rotate the Button#1 to adjust the speed how fast these color temperature will change in cycles.
- Color chase Mode:** After entered into the Color chase mode, rotate the Button#2 to set the pattern with RG, RB, BG and RGB. And rotate the Button#1 to adjust the speed how fast the colors will change.
- Paparazzi Mode:** After entered into the Paparazzi mode, you could rotate the Button#1 to adjust the speed how fast does it flash.
- Pulsing Mode:** After entered into the Pulsing mode, you could rotate the Button#1 to adjust the speed how fast does it flash.
- Auto-Cycle Mode:** After entered into the Auto-Cycle mode, please rotate the Button#2 to select how many colors will change in cycle. There are six choices with 1, 2, 3, 4, 5, 6 colors. Additionally, by rotating the Button#1 to adjust the speed how fast do the colors change.



## Download and Install Phone APP

QR Code for Android System

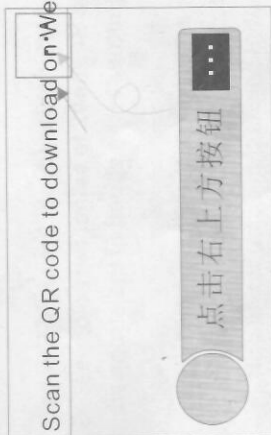


Please scan the QR code to download and follow the steps to install.

Android

IOS

Scan the QR code to download on Wechat



Click the button on the upper right



Click on the place as DOWNLOAD



APP Logo

## How to Use with Phone APP

- Please turn on the lamp firstly, and open your phone's Blue tooth. To connect with the lamp, you have to choose the right ID (As shown in Figure 01).
- Please control the light panel with Phone APP. The home screen is shown in Figure 02. The effects interface is shown in Figure 03.
- By Touching the < Power > to turn it on or off. (As shown in Figure 01 and Figure 02)
- Lightning Mode: When the time interval (SPD) is set as 0%, you have to touch <Light> to lightning once.

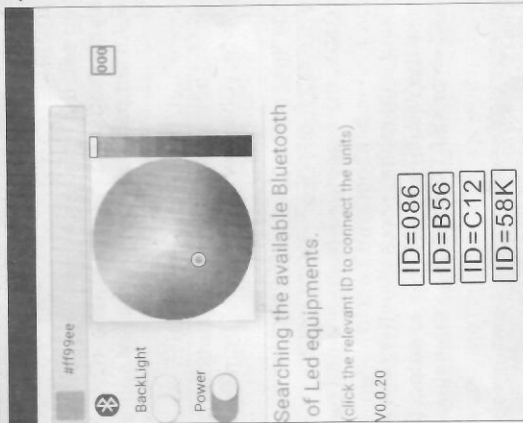


Figure 01

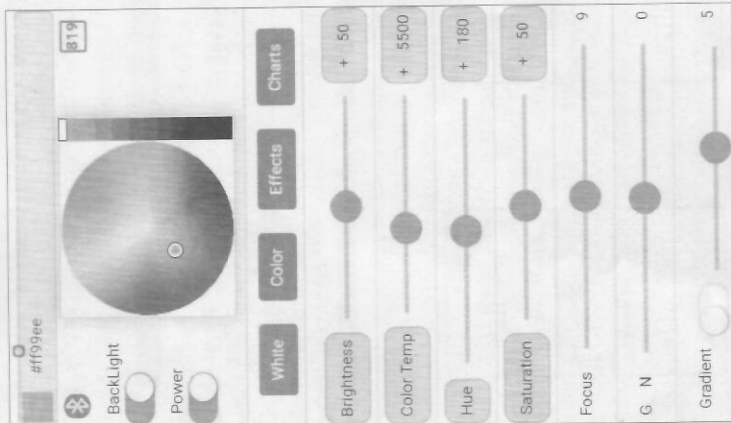


Figure 03

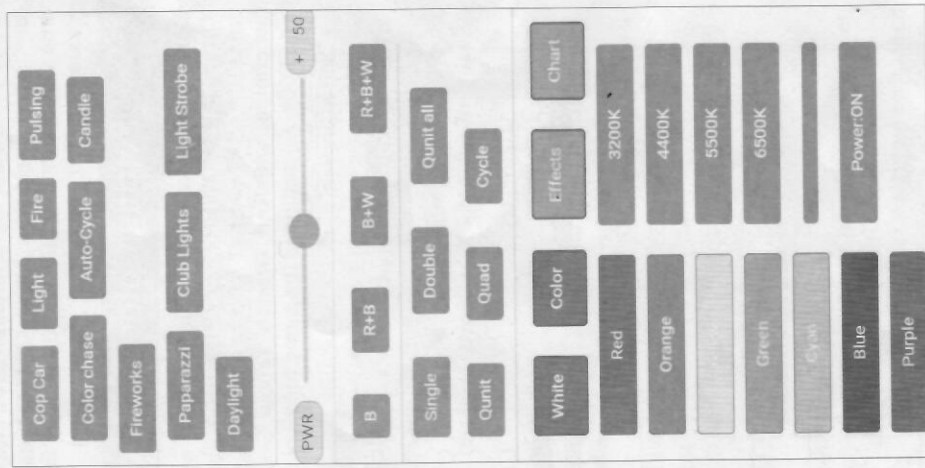


Figure 03

## Setting the Daylight/Color Light/Channel/Group on the Remote

- Selection of the Mode: Long press the **<WH/CO/GR/CH>** to select the mode as Daylight, Color Light, Channel and Groups. And press **<OK>** to enter.
- Setting the Groups: After entered into the Group set, the letter as A flash. Press the **<POWER+>** or **<POWER->** to set the group as you need. And then, press the **<OK>** to complete. Group has to be selected from A to F. All lamps' group have to be the same as the remote's.
- Setting the Channel: After entered into the Channel set, the number as 01 flash. And then, press the **<POWER+>** or **<POWER->** to select how many lamps will you control at the same time. Finally, press the **<OK>** to complete. (Channel has to be set from 00 to 10)
- Setting the Daylight: After entered into the White light mode, press the **<POWER+>** or **<POWER->** to adjust the brightness, and press the **<COLOR+>** or **<CORLOR->** to set the color temperature. If press the **<GN+>** or **<GN->**, the color temperature would be corrected.
- Setting the Color Light: After entered into the Color light mode, press the **<POWER+>** or **<POWER->** to adjust the brightness, and press the **<HUE+>** or **<HUE->** to select the hue value from 0 to 360. Besides, press the **<SAT+>** or **<SAT->** to change the saturation value from 0 to 99.

## Setting Color Card on the Remote Cotroller

- Continuously press the **<Color Card>** to select Red, and then press the **<OK>** to enter. If press the **<POWER+>** or **<POWER->**, the brightness would be adjusted. Besides, press the **<SAT+>** or **<SAT->** to change the saturation value from 0 to 99. There are a few choices with Red, Orange, Yellow, Green, Cyan, Blue, Purple, 3200k, 4400k, 5500k and 6500k. All setting is the same for all of them.



**MENU** A | 50  
 ▶ White light  
 Color light  
 Group set  
 Channel set

Daylight/Color Light  
 /Channel/Group

**White** A | 50  
 100% 5500K  
 54321012345  
 GN  
 Daylight Interface  
**Group set** A | 50  
 100% H120  
 S99%  
 Group Interface

**Color** A | 50  
 Red  
 Orange  
 Yellow  
 Green  
 Cyan  
 Blue  
 ▶ Purple  
 2800K  
 5500K  
 6500K  
 10000K  
 0 F F

Color Card

**Color** A | 50  
 100% H120  
 S99%  
 Color Light Interface  
**Channel set** A | 50  
 100% H120  
 S99%  
 Channel Interface

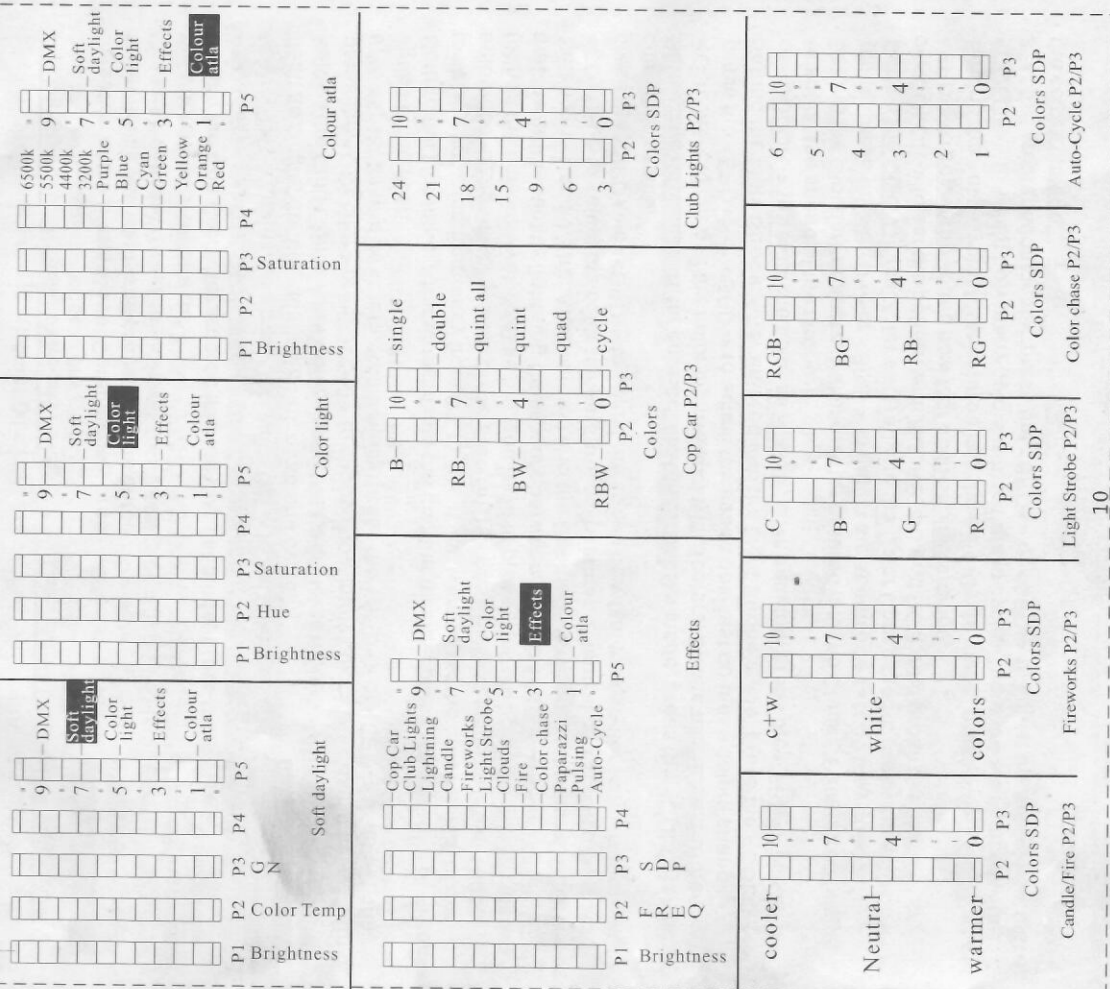
## Setting the Effects on the Remote Controller

**Cop Car** A | 50  
 100% single  
 W+R+B  
 Cop Car  
**Light Strobe** A | 50  
 100% R  
 100% SPD  
 Light Strobe  
**Club Lights** A | 50  
 100% 3Colors  
 100% SPD  
 Club Lights/Fireworks  
**Clouds** A | 50  
 100%  
 100% SPD  
 Clouds/Paparazzi/Pulsing  
**Lightning** A | 50  
 100% 3%Freq  
 100% SPD  
 Lightning  
**Color chace** A | 50  
 100% RG  
 100% SPD  
 Color chace  
**Auto-Cycle** A | 50  
 100% 1Colors  
 100% SPD  
 Auto-Cycle  
**Candle** A | 50  
 100% 1warmer  
 100% SPD  
 Candle/Fire  
**Lighting Effect** A | 50  
 Cop Car  
 Club Lights  
 Lighting  
 Candle  
 Fireworks  
 Light Strobe  
 Auto-Cycle

- Selection of the Effect Mode: Continuously press **<Effects>** to select the effect as you want, and press **<OK>** to enter.
- Power Adjustment: Press the **<POWER+>** or **<POWER->** to adjust the brightness at all Effects.
- Setting the Cop Car: After entered into the Cop car mode, press the **<COLOR+>** or **<COLOR->** to select the lighting pattern as B, R+W, B+W, R+B+W, and press the **<GN+>** or **<GN->** to set the times of flash as single, double, quintal, quad and cycle.
- Setting the Club Lights: After entered into the Club Lights mode, press the **<COLOR+>** or **<COLOR->** to choose how many colors will flash in cycles with 3, 6, 9, 15, 18, 21 and 24 colors. Additionally, press the **<SPD+>** or **<SPD->** to adjust the speed of the flash.
- Setting the Lightning: After entered into the Lightning mode, press the **<Freq+>** or **<Freq->** to set the lightning frequency from 0% to 6%. If you want to set the time interval of the automatically lightning, please press the **<SPD+>** or **<SPD->** to set from 0% to 100%. (When the time interval is set as 0%, you have to press **<OK>** to lightning once. It means that the automatically lightning Could work between 1% and 100%.)
- Setting the Candle/Fire: After entered into the Candle/Fire mode, press the **<COLOR+>** or **<COLOR->** to select the color temperature as 1warmer, 2Neutral and 3cooler. Besides, press the **<SPD+>** or **<SPD->** to adjust the speed how fast these color temperature will change in cycles.
- Setting the Fireworks: After entered into the Fireworks mode, press the **<COLOR+>** or **<COLOR->** to choose the color of fireworks with 1 colors, 2white and 3c+w. Furthermore, press the **<SPD+>** or **<SPD->** to adjust the speed how fast do these colors change.
- Setting the Light Strobe: After entered into the Light Strobe mode, press the **<COLOR+>** or **<COLOR->** to select the color as R, G, B, C. In addition, press the **<SPD+>** or **<SPD->** to adjust the speed of the strobe.
- Setting the Clouds/Paparazzi/Pulsing: After entered into the Clouds/Paparazzi/Pulsing mode, press the **<SPD+>** or **<SPD->** to adjust the speed how fast do they change.
- Setting the Color Chace: After entered into the Color Chace mode, press the **<COLOR+>** or **<COLOR->** to set the pattern with RG, RB, BG and RGB. And press the **<SPD+>** or **<SPD->** to adjust the speed how fast do the colors change.
- Setting the Auto-Cycle: After entered into the Auto-Cycle mode, press the **<COLOR+>** or **<COLOR->** to select how many colors will change in cycle. There are six choices with 1, 2, 3, 4, 5, 6 colors. Additionally, press the **<SPD+>** or **<SPD->** to adjust the speed how fast do the colors change.

## Setting DMX ADD On the Console

- After connected with DMX console, The lamp's address should be set to the same as the console. (Default setting is 001)
- Using P5 to choose the mode, and control the console (As shown in the Schematic Diagram). For example, There are three address for one lamp. Hence, the first set of lamps should be set as 001, the second should be 004, and the third will be 007. If the first address is set as 004, the value showed on the scrollbar would be P4 to P8. (It means that P1=P4, P2=P5, P3=P6, P4=P7, P5=P8)
- **Schematic Diagram**  
when set P5 to DMX, Light could be controlled by Programming (Upgraded later on) Scrollbar



## SPECIFICATION

Model	AI-2000C	AI-3000C
Power	200w	300w
Lumen	20000lm	30000lm
Color Temperature	2800-9900K	
CRI	95RA	
Color atla	Red/Orange/Yellow/Green/Cyan/Blue/Purple 3200k/4400k/5500k/6500k	
Lighting Effects	Cop Car, Lighting, Fire, Pulsing, Color chaise, Auto-Cycle, Candle, Fireworks, Paparazzi, Club Lights, Light Strobe, Clouds	
Control Mode	On-Board Control/Remote Controller/DMX/Phone App	
Power Input	AC:110-220V DC:26V	
Battery	Supported (Not Included the package)	
Color Choices	Black&Silver/Blue&Silver	
What is included	RGB LED Film Light Panel, Remote Controller, Diffuser, Hexagon Wrench, AC Adapter, Instruction Manual	
Optional to Buy	Battery*2pcs, Honeycomb, Softbox	

### Test Report of AI-3000C:

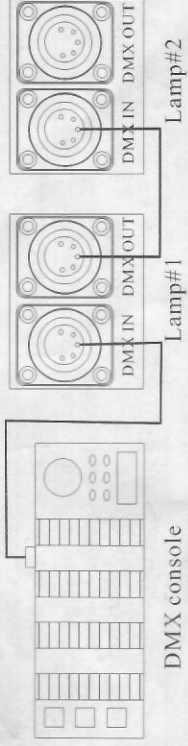
Distance / illumination / Color Temperature	2800K	3200K	5600K	10000K	Red	Green	Blue
0.5m	26675Luk	27339Luk	30150Luk	26476Luk	6667Luk	14131Luk	3078Luk
1m	9294Luk	9580Luk	10622Luk	9400Luk	2288Luk	5046Luk	1100Luk
2m	2723Luk	2792Luk	2940Luk	2716Luk	645Luk	1410Luk	317Luk
5m	510Luk	521Luk	572Luk	504Luk	136Luk	267Luk	60Luk

### Test Report of AI-2000C:

Distance / illumination / Color Temperature	2800K	3200K	5600K	10000K	Red	Green	Blue
0.5m	17783Luk	18226Luk	20100Luk	17650Luk	4444Luk	9420Luk	2052Luk
1m	6196Luk	6386Luk	7081Luk	6266Luk	1525Luk	3364Luk	733Luk
2m	1815Luk	1861Luk	1960Luk	1810Luk	430Luk	940Luk	211Luk
5m	340Luk	347Luk	381Luk	336Luk	90Luk	178Luk	40Luk

## How to Connect DMX Console

Please use DMX line to connect the lamp with DMX console (as below).



## Preparing the device for use

Assemble of accessories:

1. Diffuser:

Pull out the locking part, turn up the aluminum bar, then insert the diffuser into the inner slot, push back the bar and locking part to complete.

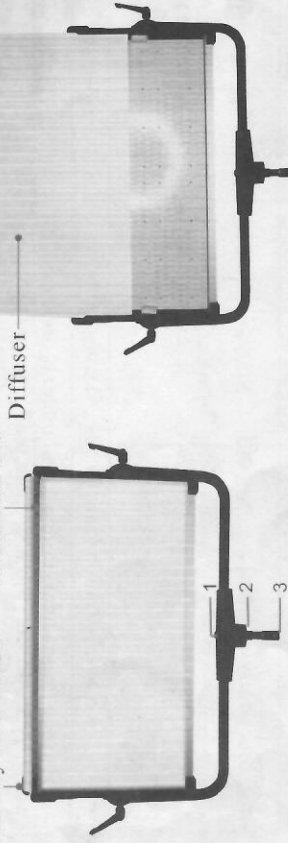
2. Honeycomb:

Pull out the locking part to turn up the aluminum bar, then insert the diffuser into the outer slot, push back the bar and locking part to complete.

3. U-bracket:

Twist screw 1 into U bracket and connector 2, fix with connector 3, to complete with the wrench which is included in unit.

Lock Key for Diffuser Aluminum Bar



## △Note

- Do not operate the device with wet hands. Keep your lamp away from dust, moisture or water.
- To clear the housing, wipe with a dry micro-fiber cloth to remove dust.
- Take care to avoid dropping the equipment. Make sure that the device is properly fastened and reliably mounted. If the device has been dropped, have it inspected by a skilled technician before you switch it on again.
- Should the equipment be damaged or defective, or if you notice a scorching smell, turn it off immediately. Do not operate the device with a damaged housing and do not repair the device yourself. Have the device only repaired by a skilled service person.
- Do not tamper with or alter the internal components of the lamp.
- Precautionary measure when using the battery:
  - Batteries/power packs, if inappropriately handled, can run out or explode.
  - Do not discard of the batteries in a fire and do not expose them to direct heat.
  - In order to avoid damage to the product, you must make sure that you remove the battery, if you do not use the lamp over a long period of time, or the batteries have been discharged.