

# **INVOLIGHT**



## **INVOLIGHT LED SPOT124**

### **USER MANUAL**



## Operation Manual

**5W Flat PAR64 4in1** can make very bright colorful and dynamic light scenery effects. It is widely applied to entertainment hall, stage, social club and indoor building decoration. The front operation plant has four digital tube display. You can operate it through the four buttons---MODE, SET UP, UP, DOWN. It can stock running mode when it is off. You can find last running mode when it is on next time. This product has temperature protect function. When it is on, it will be off automatically when the temperature is beyond 85° C. But it won't impact other combined products. When you re-start it, it can run correctly within 85° C.

### A Specification:

1. Weight: 2.0 kg
2. Size: 31.5×27.5×10cm
3. Power input: AC100V-240V/50HZ-60HZ
4. Wattage: 65W
5. LEDs: 12PCS 5W (4 in one)
6. Beam angle of LEDs: 25 degree
7. 3PIN female XLR socket and 3PIN male XLR socket
8. Built-in microphone
9. Four button LED digital display
10. Power cord daisy chain: 10 fixtures max

It has eight kinds of operation mode, they are as follows:

**Static color select mode, Manual dimmer color mode, Color jumping mode, Color dreaming mode, Auto-run program mode, Sound active mode, Slave mode, DMX mode**

Here above eight kinds running mode are selected by MODE button. Press MODE and UP button at the same time, when it is on, you can initialize it at extra factory setting, running on the auto-run program mode.

Press the MODE and down buttons at the same time to select LED digital display on/off. When the display shows *d5-0* means that the display will stay on all the time, when the display shows *d5-1* means that the display will turn off after 20 seconds.

MODE	SET UP	UP/DOWN manual	instruction
manual	manual		
STATIC COLOR SELECT MODE	Color select	<i>CL00~CL.15</i>	Select the 15 static colors
	Flash	<i>F500~F599</i>	Adjust the auto run flash speed, <i>F500</i> is flash off, <i>F501</i> is slowest, <i>F599</i> is fastest
DIMMER MODE	White dimmer	<i>H000~H255</i>	Adjust the intensity of the white color
	Red dimmer	<i>R000~R255</i>	Adjust the intensity of the red color
	Green dimmer	<i>G000~G255</i>	Adjust the intensity of the green color
	Blue dimmer	<i>B000~B255</i>	Adjust the intensity of the blue color
	Flash	<i>F500~F599</i>	Adjust the flash speed, <i>F500</i> is flash off, <i>F501</i> is slowest, <i>F599</i> is fastest
COLOR	Jumping speed	<i>JP01~JP99</i>	Adjust the speed of color jumping

JUMPING MODE	set		mode, <i>JP.01</i> is slowest, <i>JP.99</i> is fastest
	Flash	<i>F5.00~F5.99</i>	Adjust the color jumping flash speed, <i>F5.00</i> is flash off, <i>F5.01</i> is slowest, <i>F5.99</i> is fastest
COLOR DREAMING MODE	Dreaming speed set	<i>Fd.01~Fd.99</i>	Adjust the speed of color dreaming mode, <i>Fd.01</i> is slowest, <i>Fd.99</i> is fastest
	Flash	<i>F5.00~F5.99</i>	Adjust the color dreaming flash speed, <i>F5.00</i> is flash off, <i>F5.01</i> is slowest, <i>F5.99</i> is fastest
AUTO RUN MODE	Auto run mode set	<i>AUF.0</i>	Set the unit into auto run mode
	Flash	<i>F5.00~F5.99</i>	Adjust the auto run flash speed, <i>F5.00</i> is flash off, <i>F5.01</i> is slowest, <i>F5.99</i> is fastest
SOUND MODE	Sensitivity select	<i>SU.00~SU.31</i>	Adjust the sensitivity of the sound-active, <i>SU.00</i> is sound-active off, <i>SU.01</i> is the lowest level, <i>SU.31</i> is the highest level
Slave mode	Slave mode	<i>SLAU</i>	Set the unit into slave mode
DMX MODE	Address set	<i>d0.01~d5.12</i>	Sets the DMX starting address

### 1. Static color select mode

Press "MODE" button, select the static color select mode. There are two modes in the static color select mode. You can select them by pressing the "SET UP" button.

#### 1) Static color select

Press "SET UP" button until the four digital tube displays "*CL.00~CL.15*", then press "UP" or "DOWN" to select static color 0-15 under this mode.

#### 2) Flash speed select

Press "SET UP" button until the four digital tube displays "*F5.00~F5.99*", then press "UP" or "DOWN" button to select the static color flash speed 00-99, 00 is flash off, 01 is the slowest flash speed, 99 is the fastest flash speed.

### 2. Manual dimmer color mode

#### 1) Manual dimmer color select

Press "MODE" button, select the manual dimmer color select mode. At this time, the four digital tube displays white "*H0.00~H2.55*", press the "SET UP" to choose different color, red "*F0.00~F2.55*", green "*G0.00~G2.55*", blue "*B0.00~B2.55*", then press "UP" or "DOWN" button to set the dimming rate 0-255.

#### 2) Flash speed select

Press "SET UP" button until the four digital tube displays "*F5.00~F5.99*", then press "UP" or "DOWN" button to select color dimmer flash speed 00-99, 00 is flash off, 01 is the slowest flash speed, 99 is the fastest flash speed.

### 3. Color jumping mode

Press "MODE" button, select the color jumping mode. There are two modes in the color jumping mode. You can select them by pressing the "SET UP" button.

#### 1) Color jumping speed set

Press "SET UP" button until the four digital tube displays "*JP.01~JP.99*". Press "UP" or

"DOWN" button to select the color jumping speed 01-99, 01 is the slowest speed, 99 is the fastest speed.

2) Flash speed select

Press "SET UP" button until the four digital tube displays "*F500~F599*", then press "UP" or "DOWN" button to select the color jumping flash speed 00-99, 00 is flash off, 01 is the slowest flash speed, 99 is the fastest flash speed.

#### 4. Color dreaming mode

Press "MODE" button, select the color dreaming mode. There are two modes in the color dreaming mode. You can select them by pressing the "SET UP" button.

1) Colordreaming speed set

Press "SET UP" button until the four digital tube displays "*Fd01~Fd99*". Press "UP" or "DOWN" button to select the color dreaming speed 01-99, 01 is the slowest speed, 99 is the fastest speed.

2) Flash speed select

Press "SET UP" button until the four digital tube displays "*F500~F599*", then press "UP" or "DOWN" button to select the color dreaming flash speed 00-99, 00 is flash off, 01 is the slowest flash speed, 99 is the fastest flash speed.

#### 5. Auto-run program mode

Press "MODE" button, select the auto-run program mode. There are two modes in the auto-run program mode. You can select them by pressing the "SET UP" button.

1) Color dreaming program mode select

Press "SET UP" button until the four digital tube displays "*AUf0*", the unit runs into the auto run program mode, the color jumping program and color dreaming program run alternatively. Press UP or DOWN is no use under this mode. Running speed is the current speed of color jumping program and color dreaming program.

2) Flash speed select

Press "SET UP" button until the four digital tube displays "*F500~F599*", then press "UP" or "DOWN" button to select the auto run program flash speed 00-99, 00 is flash off, 01 is the slowest flash speed, 99 is the fastest flash speed.

#### 6. Sound active mode

Press "MODE" button, select the sound active program mode, the four digital tube displays "*SU00~SU31*", then press "UP" or "DOWN" to select the sound active the sensitivity 0-31. 0 is off sound-active, 01 is the lowest sensitivity, 31 is the highest sensitivity.

#### 7. Slave mode

Press "MODE" button, select slave mode, the four digital tube displays "*SLAU*". The unit will be controlled by the master unit now.

#### 8. DMX mode

Press "MODE" button until the display is "*d001~d512*", then press UP or DOWN to set the DMX address 001-512.

DMX MODE:7 DMX channels

CH7			CH6	CH5	CH4	CH3	CH2	CH1							
MODE	DMX VALUE	FUNCTION													
1	0-13	No function	0-10=No use 11-255=Flash (slow→fast)	Dimming 0-255 (dim→ bright)	White 0-255 (dim→ bright)	Blue 0-255 (dim→ bright)	Green 0-255 (dim→ bright)	Red 0-255 (dim→ bright)							
2	14-26	Red			0-10=No use 11-255=Flash (slow→fast)	Dimming 0-255 (dim→ bright)	No function	No function	No function	No function					
3	27-38	Green													
4	39-51	Blue													
5	52-64	White													
6	65-76	R+G													
7	77-89	R+B													
8	90-102	R+W													
9	103-114	G+B													
10	115-127	G+W													
11	128-140	B+W													
12	141-152	R+G+B													
13	153-165	R+G+W													
14	166-178	R+B+W													
15	179-190	G+B+W													
16	191-204	R+G+B+W													
17	205-217	Color change									Speed 0-255 (slow→ fast)	No function	No function	No function	No function
18	218-230	Color dreaming													
19	231-241	Auto run									Sensitivity 8-255 (insensitive→ sensitive)	No function	No function	No function	No function
20	243-255	Sound active													

**Note:**R---red    G---green    B---blue    W---white

# INVOLIGHT



ООО «ИНВАСК»

Адрес: 143406, Московская область, Красногорск, ул. Ленина, дом 3-Б

Тел. (495) 565-0161 (многоканальный)

Факс (495) 565-0161, доб. 105

<http://www.invask.ru> e-mail: [invask@invask.ru](mailto:invask@invask.ru)

Сервис-центр «ИНВАСК»

Адрес: 143400, Московская область, Красногорск, Коммунальный квартал,  
дом. 20

Тел. (495) 563-8420, (495) 564-5228

e-mail: [service@invask.ru](mailto:service@invask.ru)