

# **INVOLIGHT**

## **Outdoor DMX LED BAR**



**LEDSPOT 12T**

**USER MANUAL**

## Outdoor DMX LED PAR manual

Our outdoor DMX LED PAR offers many possibilities to achieve the effects which you want. It is suitable for DJs, bands, nightclubs and other performers who want LED stage light. Please read the manual before operation.

### **A. SPECIFICATION:**

1. Weight: 3.5kgs
2. Size: 184\*184\*170mm
3. Power input: AC110-240V/50-60HZ
4. Wattage: 60W
5. LEDs:12\*tri-3W LEDs
6. Beam angle:30 degree
7. IP rate:IP65
8. LED display for easier operation.
9. Selectable built-in programs, Auto running, DMX mode, M/S mode.
10. DMX modes: 3channels, 4channels, 8channels

### **B. OPERATION:**

After power on, Press “MODE” button to activate the main menu: Built-in programs mode, Auto running mode, DMX mode, Slave mode.

“SETUP” is to set the relative specification for current mode.

“UP” is to add the value of current specification.

“DOWN” is to decrease the value of current specification.

Built-in programs-- running one of 10 built-in programs

Auto run—running built-in programs one after another in continuous loop.

DMX mode--controlled by DMX controller

Slave mode—the projectors in this mode will be synchronously run with the projectors in master mode.

#### **1. built-in programs mode**

--Press “mode” until it shows “Pr.xx” to enter into built-in programs mode.

Press “up” and “down” to select program from Pr.01 ~ Pr.10.

--Press “setup” button to enter into the running speed menu “SP××”.

Press “up” and “down” button to set the speed value from SP01 ~ SP100 (FL) .

--Press “setup” button to enter into the strobe menu “FS××”.

Press “up” and “down” to set up strobe value from FS00 ~ 99.

It can be set up the brightness from RGB0~255 value when it is being static color program Pr.01

#### **2. Auto run mode**

--Press “mode” until it shows “AUTO” to enter into auto running mode

--Press “setup” button to enter into the running speed menu “SP××”.

Press “up” and “down” button to set the speed value from SP01 ~ SP100 (FL) .

--Press “setup” button to enter into the strobe menu “FS××”.

Press “up” and “down” to set up strobe value from FS00 ~ 99.

--Press “setup”button to enter into the fading menu “Fd××”。

--Press “up” and “down” to set up fading value from Fd00~99

### 3. DMX mode

--Press “mode” until it shows “d.×××”to enter into DMX mode

--Press “UP”and “DOWN”button to set up the DMX address from d.001 ~d.512.

--Press “setup”button to enter into the DMX mode menu “d-P×”.

Press “up”and “down”to set up DMX mode from d-P1~ d-P3.

--To set up the device number ID.xx at the situation DMX mode “d-P1”(others mode can not be set up the device number).

Press “up”and “down”to set up ID value from ID. 01—ID. 66.

DMX mode 1:d-P1(8 channels)

CHANNEL	VALUE		FUNCTION
CH1	0-255		Master dimmer
CH2	Red color dimming	0-255	Red color dimming 0-255
	Select all kinds of static color (It is available when the 6ch is 0-24)	0-8	R(255)
		9-17	R(255) G(50)
		18-26	R(255) G(150)
		27-35	R(255) G(255)
		36-44	R(200) G(255)
		45-53	R(100) G(255)
		54-62	R(40) G(255)
		63-71	G(255)
		72-80	G(255) B(50)
		81-89	G(255) B(150)
		90-98	G(255) B(255)
		99-107	G(150) B(255)
		108-116	G(50) B(255)
		117-125	B(255)
		126-134	R(50) B(255)
		135-143	R(150) B(250)
		144-152	R(255) B(255)
		153-161	R(220) B(50)
		162-170	R(150) G(50) B(100)
171-179	R(50) G(180) B(220)		
180-188	R(50) G(220) B(100)		
189-197	R(150) G(220)		
198-206	R(150) B(220)		
207-215	G(180) B(220)		
216-224	G(220) B(50)		
225-233	R(220) G(100) B(50)		

		234-242	R(220) G(200) B(100)
		243-251	R(255) G(200) B(150)
		252-255	R(255) G(255) B(255)
	Speed adjustment (control the program speed of 6ch selected )	0-255	0—255 slow-fast
CH3		0-255	Green color dimming 0-255
CH4		0-255	Blue color dimming 0-255
CH5		0-9	NO FUNCTION
		10-255	STROBE (slow—fast)
CH6		0-24	Can be selected 29 kinds of static color with channel 2
		25-49	Pr02 (7color gradual change)
		50-74	Pr03 (3color gradual change)
		75-99	Pr04 (7color jumpping change)
		100-124	Pr05 (3color jumpping change)
		125-149	Pr06 (fantasy change1)
		150-174	Pr07 (fantasy change2)
		175-199	Pr08 (red gradual change)
		200-224	Pr09 (green gradual change)
		225-255	Pr10 (blue gradual change)
CH7		VALUE	ID ADDRESS
		0-9	ID1-ID66
		10-19	ID1
		20-29	ID2
		30-39	ID3
		40-49	ID4
		50-59	ID5
		60-69	ID6
		70-79	ID7
		80-89	ID8
		90-99	ID9
		100-109	ID10
		110-119	ID11
		120-129	ID12
		130-139	ID13
		140-149	ID14
		150-159	ID15
		160-169	ID16
	170-179	ID17	
	180-195	ID18	

	190-199	ID19
	200-209	ID20
	210	ID21
	211	ID22
	◦ ◦ ◦	◦ ◦ ◦
	251	ID62
	252	ID63
	253	ID64
	254	ID65
	255	ID66
CH8	0-250	CH1 CH2 CH3&CH4 INSTANT FADER RESPONSE
	251-255	CH1 CH2 CH3&CH4 DELAY FADER RESPONSE

At the situation of DMX mode 1, when channel 6 is during 0-24, channel 2 can select static color, but without the function of red color dimming and also with channel 3 & 4; when channel 6 is during 25-255, channel 2 used to adjust the speed of the program which selected by channel 6, but without the function of red color dimming and also with channel 3 & 4. That means, channel 2, 3, 4 will fail the red/green/blue color dimming when channel 6 is not at the situation of "0".

#### DMX mode 2: d-P2

CHANNEL	VALUE	FUNCTION
CH1	0-255	RED
CH2	0-255	GREEN
CH3	0-255	BLUE

#### DMX mode 3: d-P3

CHANNEL	VALUE	FUNCTION
CH1	0-255	Master dimmer
CH2	0-255	RED
CH3	0-255	GREEN
CH4	0-255	BLUE

## 4. Slave mode

--Press "MODE" until it shows "SLAV" to enter into slave mode.

The master fixture and the slave fixtures are with the same synchronization-change when the master fixture is on the situation of built-in program, auto running or sound active mode.

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