

# **INV**OLIGHT

**Outdoor DMX LED Twins Magiflood,36\*Tri-3W**



**LEDARCH420T**

**USER MANUAL**

## Outdoor DMX LED Twin Magiflood 36\*tri-3W User Manual

Our outdoor DMX LED twins' magiflood offers many possibilities to achieve the effects which you want. It is for DJs, bands, nightclubs and other performers who want a complete LED wash light system. Please read the manual before operation.

### A. SPECIFICATION

1. Size: 41.2\*34.4\*33.5cm
2. Weight: 8.8kg
3. Power input: AC 110V/240V, 60HZ/50HZ
4. Power consumption: 120W
5. LEDS: 36\*tri-3W LEDS;
6. Beam angle: 45 degree
7. IP rate: IP66
8. Very powerful static colors effects
9. Perfect color mixing & wall wash effects for the buildings
10. Built-in programs, auto run, DMX mode, M/S, static colors
11. DMX channels: 5CH, 8CH, 9CH
12. Safety eye available

### B. OPERATION:

After power on, Press "MODE" button to activate the main menu: Built-in programs mode, Auto running mode, DMX mode, Slave mode, static color 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 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

Static color mode-- to have static color effects from this function.

#### 1. Built-in program

Press the "MODE", enter the menu to choose the program "Pr.xx".

Press the "UP" or "DOWN", choose the effect program Pr.01~Pr.09.

When the LED display shows Pr.01- Pr.09, the first time to press "SETUP", it will show "SP.XX", press "UP" or "DOWN" to set up the running speed for the program from SP01~SP100(FL); the second time to press "SETUP", it will show "FSxx", press "UP" or "DOWN" to set up flash speed from FS00~FS99.

#### 2. Auto Running

Press "MODE" to enter the auto running "AUTO", the fixture will run the built-in programs from Pr.01~Pr.09. The user can set up the running speed and flash speed under built in program. Then it will auto run the effects in order.

### 3. DMX Mode

Press the “MODE”, enter the DMX mode “d.×××”。

Press the “UP” or “DOWN”, set up the DMX address d.001—d.512。

Press the “SETUP”, enter the menu to set up DMX mode X-ch。

Press the “UP” or “DOWN”, set up the DMX mode, 5-ch, 8-ch, 9-ch

#### DMX mode 1: 5-ch

CHANNEL	VALUE	FUNCTION
CH1	0-255	Master dimmer
CH2	0-255	RED
CH3	0-255	GREEN
CH4	0-255	BLUE
CH5	0-255	Strobe

#### DMX mode2: 8-ch

CHANNEL	VALUE	FUNCTION
CH1	0-255	Master dimmer
CH2	0-255	RED1
CH3	0-255	GREEN1
CH4	0-255	BLUE1
CH5	0-255	RED2
CH6	0-255	GREEN2
CH7	0-255	BLUE2
CH8	0-255	Strobe

#### DMX mode3: 9-ch

CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9
0-255 MASTER DIMMER	0-255 RED	0-255 GREEN	0-255 BLUE	0	0	NO USE	0-255 STROBE	0-127 function1
	NO USE	NO USE	NO USE	1-255 <b>TABLE 1</b>				
	0-255 RED 1	0-255 GREEN 1	0-255 BLUE 1	0-255 RED 2	1-255 <b>TABLE 2</b>	0-255 SPEED		0-255 BLUE 2

**TABLE 1**

CH5	
DMX value	FUNCTION
1-22	R
23-45	G
46-68	B
69-91	cyan
92-114	Y
115-137	orange
138-160	pink
161-183	purple
184-206	deongaree
207-229	Pale green
230-252	white
253-255	WW

<b>TABLE 2</b>	
CH6	
DMX value	FUNCTION
1-15	R
16-31	G
32-47	B
48-63	Y
64-79	cyan
80-95	purple
96-111	white
112-127	Pr01
128-143	Pr02
144-159	Pr03
160-175	Pr04
176-191	Pr05
192-207	Pr06
208-223	Pr07
224-239	Pr08
240-255	Pr09

#### **4. Slave Mode**

Press the “MODE”, enter the slave mode “SLAV”.

#### **5. Static color of single section control**

Press “MODE” button, enter static color of single section control mode “COL1”

Press setup until it shows “1.xxx” (the red color of fixture 1), “2.xxx”(the green color of fixture 1), “3.xxx”(the blue color of fixture 1), “4.xxx”(the red color of fixture 2), “5.xxx”(the green color of fixture 2), “6.xxx”(the blue color of fixture 2)

Press “up” or “down” to adjust brightness.

#### **6. Static color of whole unit control**

Press MODE button, enter static color of whole unit control mode “COL2”

Press setup button, it will show “r.xxx”, “g.xxx”, “b.xxx”

Press “up” or “down” to adjust brightness.

**Notice:**

A. 4 buttons without any press within 20 seconds, the LED display will be turn off .Meanwhile, all the buttons will self lock if someone press any button by mistake. Press “mode” + “down” over one second to clear lock. Then the LED display will be resume the original condition and all the buttons will be work in normal.

B. It is of thermal self-protection. If it is full on last a long time, the system will adjust the power consumption in order to reduce the heat. Please make sure around is well ventilated when the unit is full on.

C. It will show the version, such as V1.0, when turn on the system. Two seconds later, it will run normally with the setup mode.