

# **INV**oLIGHT

**Outdoor LED Flood Light, 15\*Tri-15W**



## **LEDARCH155**

### **USER MANUAL**

## Outdoor LED Flood Light, 15\*tri-15W

1. Size: 57\*33.5\*27.3cm
2. Weight: 18.5KG
3. Power input: AC100-240V/50-60HZ
4. Wattage: 225W
5. LEDs: 15\*tri-15W
6. IP65
7. LED display for easier operation.
8. Built-in Programs, Auto Running, DMX Mode, M/S Mode
9. DMX Channels: 1, 3, 4, 6DMX channels mode.

This product has many effect programs with simplicity of operation. There are four working modes:

- Built-in Program
- Auto Running
- DMX Mode
- M/S Mode

### 1. BUILT-IN PROGRAM

- 1) Press MODE button to select the program “Pr.XX”
- 2) Press UP or DOWN button to select the effect programs from Pr.01~Pr.10.

Press SETUP button to edit the static color when the display board shows Pr.01, then press UP or DOWN button to select the seven built-in static colors(1.-r ; 2.-rg; 3.-g; 4.-gb; 5.-b; 6.-rb; 7.rgb). Press SETUP button to adjust the brightness of red, green and blue through UP or DOWN button when it shows 7.rgb. Press SETUP button again could set up the strobe “FSxx”for the color that is chose, and press UP or DOWN button to adjust the strobe speed from FS00~FS99.

When the display board shows Pr.02~Pr.10, the first time to press SETUP button, it will show “SP.XX”, the program running speed could be adjusted through UP or DOWN button from SP01~SP100 (FL). The second time to press SETUP button, it will show “FSxx”, the strobe speed could be adjusted through UP or DOWN button from FS00~FS99.

### 2. AUTO RUNNING

Press MODE button to enter into Auto Running mode “AUTO”, the fixture will run the built-in program from Pr.02~Pr.10 automatically. The running and strobe speed of each program from Pr.02~Pr.10 could be set up, and the preset effect will run sequentially under the mode of Auto Running.

### 3. DMX MODE

- 1) Press MODE button to enter into the DMX Mode “d.XXX”.
- 2) Press UP or DOWN button to set the DMX address d.001~d.512.
- 3) Press SETUP button to enter into DMX working mode menu X-ch.
- 4) Press UP or DOWN button to set the DMX working mode, there are four modes: 1-ch, 3-ch, 4-ch, 6-ch

**DMX Mode1: 1-ch**

CH1		
NO.	DMX value	FUNCTION
1	0	No use
2	1-22	Red
3	23-45	Green
4	46-68	Blue
5	69-91	Cyan
6	92-114	Yellow
7	115-137	Orange
8	138-160	Pink
9	161-183	Purple
10	184-206	Dark Blue
11	207-229	Light Green
12	230-252	White
13	253-255	Warm White

**DMX Mode2: 3-ch**

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

**DMX Mode3: 4-ch**

CHANNEL	VALUE	FUNCTION
CH1	0-255	MASTER DIMMER
CH2	0-255	RED
CH3	0-255	GREEN
CH4	0-255	BLUE

**DMX Mode 4: 6-ch (6CHs)**

CHANNEL	VALUE		FUNCTION
CH1	0-255		General Dimming
CH2	Selection of Static Colors (it is in valid while 6CH is 0~25)	0-255	Red Dimming 0-255
		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 CH6 (26-255))	0-255	0—255 Slow-Fast
CH3	0-255		Green Dimming 0-255
CH4	0-255		Blue Dimming 0-255
CH5	0-9		NO FUNCTION
	10-255		STROBE Slow-Fast
CH6	0-25		29 static colors could be selected through 2CH
	26-51		Pr02 (7 colors' gradual changing)
	52-77		Pr03 (3 colors' gradual changing)
	78-103		Pr04 (7 colors flickering)
	104-129		Pr05 (3 colors flickering)
	130-155		Pr06 (illusion 1)
	156-181		Pr07 (illusion 2)
	182-207		Pr08 (red gradual changing)
	208-233		Pr09 (green gradual changing)
	234-255		Pr10 (blue gradual changing)

#### 4. M/S MODE

Press MODE button to enter into M/S Mode "SLAV".

## **REMARK**

1. If no touch be pressed within 20 seconds, the display board will be turned off, if presses any button at this time, the display board will regain the original status, all the buttons will regain their own functions.
2. This fixture has the self-protection function against the excess temperature. The system will adjust the service power automatically according to the heat dissipation of the fixture while the user makes all the LEDs worked for a long time, please keep the surroundings ventilated under this working condition.
3. The display board will show the system's version after the fixture is turned on, such as V1.0, after 2 seconds it will work according to the preset modes.