

INVOLIGHT

Outdoor LED Flood Light, 24*4-in-1 8W



LEDARCH248

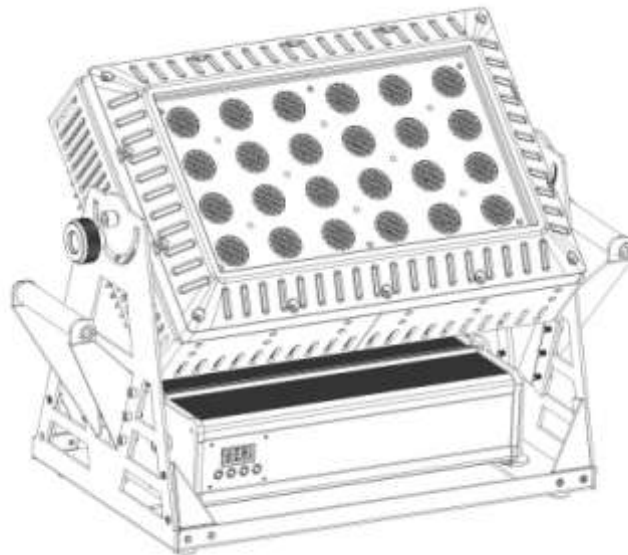
USER MANUAL

Outdoor LED Flood Light, 24*4-in-1 8W Manual

Our Outdoor LED Flood Light offers many possibilities to achieve very nice laser effects which you want. It is specially designed for the stages, disco, night clubs etc. Please read the manual before operation.

A. SPECIFICATION

1. Voltage: AC 100V/240V, 50Hz/60Hz
2. Power consumption: 190W
3. LED: 24*4-in-1 8W
4. Control feature: DMX mode, m/s, auto running, built-in programs, static color
5. DMX channels: 1, 4, 5, 7 CH
6. Operation mode: LED display
7. Fuse: 2A/250V @240V, 3A/125V @ 110V
8. Support power in and power out, power linking: 10pcs@240V, 5pcs@110V
9. Beam angle: 45degree
10. Projection distance: more than 50M (RGB)



B. OPERATION

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 Programs

1) Press “MODE” button to select the program “Pr. ××”.

2) Press “UP” or “DOWN” button to select the effect programs from Pr.01 ~ Pr.11.

3) Press “SETUP” button to edit the static color when the display board shows Pr.01, then press “UP” or “DOWN” button to select the fourteen built-in static colors (1.-r; 2.-rg; 3.-g; 4.-gb; 5.-b; 6.-rb; 7.rgb; 8.-w; 9.-FL; 10.rw; 11.gw; 12.bw; 13.yw; 14.uw), Press “SETUP” button to adjust the brightness of red, green, blue and white through “UP” or “DOWN” button when it shows 9.-FL. 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 F500~F599.

4) When the display board shows Pr.02 ~Pr.11, 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 ~SPFL(SP100).The second time to press SETUP button, it will show “FSxx”, the strobe speed could be adjusted through “UP” or “DOWN” button from F500~F599.

2. Auto Running Mode

Press “MODE” button to enter into Auto Running mode “AUTO”, the fixture will run the built-in program from Pr.02 ~Pr.11 automatically. The running and strobe speed of each program from Pr.02 ~Pr.11 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 d001 ~ d512.
- 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, 4-ch, 5-ch, 7-ch

DMX Mode 1: 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 Mode 2: 4-ch

| CHANNEL | VALUE | FUNCTION |
|---------|-------|----------|
| CH1 | 0-255 | RED |
| CH2 | 0-255 | GREEN |

| | | |
|-----|-------|------------|
| CH3 | 0-255 | BLUE |
| CH4 | 0-255 | COOL WHITE |

DMX Mode 3: 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 | COOL WHITE |

DMX Mode 4: 7-ch (7channels)

| CHANNEL | VALUE | | FUNCTION |
|---------|-----------------------------------------------------------------------|-----------------------------------|------------------------------------------------|
| CH1 | 0-255 | | Master dimming |
| CH2 | Red Dimming | 0-255 | Red dimming 0-255 |
| | 43 kinds of static color selectable(it is in valid while 7CH is 0~22) | Every 5 transform a monochromatic | 43 kinds of static colors |
| | Speed Adjustment (control the program speed of CH7 {23-255}) | 0-255 | 0—255 slow —fast |
| CH3 | 0-255 | | Green dimming 0-255 |
| CH4 | 0-255 | | Blue dimming 0-255 |
| CH5 | 0-255 | | Cool white dimming 0-255 |
| CH6 | 0-9 | | NO FUNCTION |
| | 10-255 | | STROBE (slow —fast) |
| CH7 | 0-22 | | 43 static colors could be selected through 2CH |
| | 23-45 | | Pr02(gradual changing 1) |
| | 46-68 | | Pr03(gradual changing 2) |
| | 69-91 | | Pr04(flickering 1) |
| | 92-114 | | Pr05(flickering 2) |
| | 115-137 | | Pr06(illusion 1) |
| | 138-160 | | Pr07(illusion 2) |
| | 161-183 | | Pr08(red gradual changing) |
| | 184-206 | | Pr09(green gradual changing) |
| | 207-229 | | Pr10(blue gradual changing) |
| | 230-255 | | Pr11(cool white gradual changing) |

4. Mater/ slave Mode

Press the “MODE” button, enter into M/S mode “SLAV”.

NOTE:

1. If no touch be pressed within 20 seconds, the display board will be turned off, and at the same time lock the keys, prevent irrelevant personnel of mirror operation. If presses any button at this time, the LED display will show “Lock”, it means the key has been locked. Need to long press the “MODE”+ “DOWN” button one second or more unlock, the LED display will recover the shows before turn out. And then 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.
4. Restore the factory settings: press the “MODE” and “SETUP”, let the fixture power, loosen the key after two seconds, the system will be reset, then restore factory settings.