# RGB LED SPOT User Guide

## LED Pin Spot, LED PAR36S, LED PAR56R, LED PAR64S, LED PAR375, LED PAR575

**WARNING! - To reduce the risk of fire or injury:**
1. Never operate this device:
   If it has a damaged cord or plug; If it is not working properly;
   If it has been dropped or damaged, or immersed into water.
   Return the product to the dealer for examination and repair.
2. Keep the cord away from heated surfaces.
3. Never block the air opening of the device.
4. Never place it near fabrics or combustible materials.
5. Never drop or insert any object into any opening.
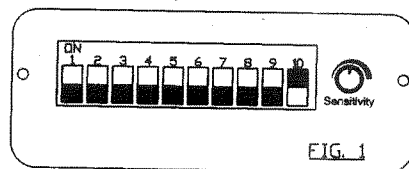6. Always unplug this product immediately after using.

## Operating Instruction

### 1, Stand Alone mode (Dip10 is "on")

The Stand Alone mode is activated automatically when the fixture is absent of DMX signal. Please make sure the dip 10 is turned on before operating your device.
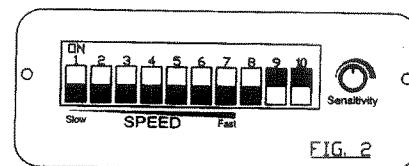
#### i, Sound Action

Please set the dip 10 to "on", set dip 9 to "off", then the unit step into Sound Action function, and you can adjust the sensitivity via the "Sensitivity" knob.


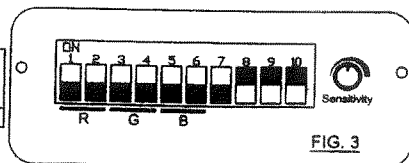
FIG. 1

#### ii, Auto Mix Color

Please set the dip 9, 10 to "on", set dip 8 to "off", then the unit step into Auto Mix Color function. You can adjust the mixing speed via dip 1 ~7.
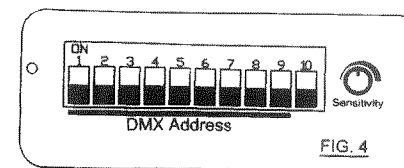


FIG. 2

#### iii, Manual Mode

Please set the dip 8, 9, 10 to "on", then the unit step into Manual mode, and you can adjust the lightness of the LEDs via the dip switches: dip 1, 2 control red, dip 3, 4 control Green, dip 5, 6 control Blue.

| | | off,off (0, 0) | on,off (1, 0) | off,on (0, 1) | on,on (1, 1) |
|---|---|---|---|---|---|
| R | DIP1, 2 | | | | |
| G | DIP3, 4 | | | | |
| B | DIP5, 6 | | | | |
| Brightness | | 0 | 25% | 50% | 100% |



FIG. 3

## 2, DMX Mode

DMX mode allow you link a serial units into a chain with some DMX approved cables with 3-pin (or 5-pin) XLR-plug and connectors, then you can control them with a standard DMX controller.



FIG. 4

When you set the Dip switches # 10 to "off", one or a few of the other dip switches is(are) on, the unit step into DMX model. Dips 1~ 9 set the DMX addresses. DMX mode have 6 Chs

| CH-6 MODE | CH-1 R | CH-2 G | CH-3 B | CH-4 MACRO | CH-5 Speed/Strobe | CH-6 MODE |
|---|---|---|---|---|---|---|
| Color Setting 0~31 | 0 OFF | 0 OFF | 0 OFF | | 0~15 OFF | Color Setting 0~31 |
| | 1~255 Dimmer | 1~255 Dimmer | 1~255 Dimmer | | 16~255 STROBE with 16 adjustable Speeds | |
| Lightness decreasing (FADE OUT) 32~63 | 0~15 OFF | 0~15 OFF | 0~15 OFF | | | Lightness decreasing (FADE OUT) 32~63 |
| | 16~255 ON | 16~255 ON | 16~255 ON | | | |
| Lightness increasing (FADE IN) 64~95 | 0~15 OFF | 0~15 OFF | 0~15 OFF | 0~15 Macro OFF | | Lightness increasing (FADE IN) 64~95 |
| | 16~255 ON | 16~255 ON | 16~255 ON | | | |
| FADE OUT & IN mode 96~127 | 0~15 OFF | 0~15 OFF | 0~15 OFF | | 0~255 SPEED | FADE OUT & IN mode 96~127 |
| | 16~255 ON | 16~255 ON | 16~255 ON | | | |
| Mix color automatically 128~159 | | | | | | Mix color automatically 128~159 |
| 3-Color flash in turn (Chasing) 160~191 | 0~255 NA | 0~255 NA | 0~255 NA | | | 3-Color flash in turn (Chasing) 160~191 |
| 7-Color flash in turn (Chasing) 192~223 | | | | | | 7-Color flash in turn (Chasing) 192~223 |
| Sound Action 224~255 | | | | | 0~255 NA | Sound Action 224~255 |
| 0~255 NA | 0~255 NA | 0~255 NA | 0~255 NA | 16~255 Macro ON | 16~255 STROBE | 0~255 NA |

Note: When the Macro mode is on, you can choose the light color you prefer via the DMX channel 4 between 31 kinds of colors and black out.

## Connection with the mains

**DANGER TO LIFE!** The electric connection must only be carried out by a qualified electrician! In order to connect the device to the mains, you have to install a power-plug. The occupation of the connection-cables is as follows:

| Cable | Pin | International |
|---|---|---|
| Brown | Live | L |
| Blue | Neutral | N |
| Yellow/Green | Earth | ⏚ |

## TECHNICAL SPECIFICATIONS:

Power supply:          Max. 230-240V/AC, 50Hz
Power consumption:  Max. 10W (61 pcs LEDs) / 21W (151 pcs LEDs)

V3.0  10 Dip Switches

LO_ PROJ002 et 003