

# 250W 10CH SPOT PRISM, FOCUS

## USER MANUAL



## 1 Specifications

|                            |                          |
|----------------------------|--------------------------|
| <b>Power Consumption</b>   | 300W                     |
| <b>Projecting distance</b> | 25M                      |
| <b>Control system</b>      | DMX 512                  |
| <b>DMX Channel</b>         | 10 Channels              |
| <b>Connection</b>          | 3 pins XLR-sockets       |
| <b>Prism</b>               | Yes, with Prism Rotation |
| <b>Focus</b>               | Yes                      |
| <b>Gobo Wheel</b>          | 1, with 7 gobos          |
| <b>Color Wheel</b>         | 1, with 7 colors         |
| <b>Tilt Angle</b>          | 270°                     |
| <b>Pan Angle</b>           | 450°                     |
| <b>Unit Dimension</b>      | 41X44X57CM               |
| <b>Package Dimension</b>   | 50X35X35CM               |
| <b>Housing</b>             | Plastic                  |
| <b>Weight</b>              | 24.5Kg Net, 27.5Kg Gross |

## 2 Control Modes

- DMX** International standard DMX512 signal control
- Master/Slave Mode** Many lights work together, slaves work in accord with the master.

## 3 LCD Control

**Menu:** use Menu button to browse the setting options available.

**Up/Down:** Use these two keys to set your desired settings, or dmx values.

**Enter:** to confirm and save your settings.

| Code | Description  |
|------|--|
| A001 | DMX mode, use up/down to change value                                |
| PAN  | Set Pan reverse  |
| TILT | Set Tilt reverse   |
| COLO | Color Wheel settings. Double your color mixing options in CH2 0~127. |
| REST | Reset  |

## 4 DMX TABLE

| CHANNELS | DMX Value | Description                                     |
|----------|-----------|---|
| 1        | 0~127     | Close   |
|          | 128~247   | Strobe from slow to fast                        |
|          | 248~255   | Open  |
| 2        | 0~127     | Color Wheel, 8 Different Colors                 |
|          | 128~255   | Color Rainbow Clockwise, slow to fast           |
| 3        | 0~127     | Gobo Wheel, 7 Gobos+White                       |
|          | 128~1255  | Gobo Rainbow Clockwise, slow to fast            |
| 4        | 0~129     | Gobo Roation, clock wise, slow to fast          |
|          | 130~255   | Gobo Rotation, counter clockwise, slow to fast  |
| 5        | 0~255     | Focus, from 2M                                  |
| 6        | 0~127     | Not Used  |
|          | 128~255   | Prism   |
| 7        | 0~63      | Not Used  |
|          | 64~159    | Prism Rotation, Counter Clockwise, Slow to Fast |
|          | 160~255   | Prism Rotation, Clockwise, Slow to Fast         |
| 8        | 0~255     | Pan/Tilt Speed from Slow to Fast                |
| 9        | 0~255     | Pan 540   |
| 10       | 0~255     | Tilt 280  |

## 7 Heat

Moving heads generate a lot of heat. Heat shortens life of all the parts in side, especially the bulb. The light has inbuilt overheat protection to shut down bulb when it is near certain level.


When you light goes off in the middle of operation, and come back on after a few minutes, this is probably a sign of overheat. Check fans on the lights, and check the environmental temperature and ventilation system in the venue. If you feel hot, these lights certainly will.

It is very important that you do not use this light in small room/space, with no/insufficient ventilation. The hot air coming out of the fans will quickly heat up the room and activate the overheat protection. This is especially the case in summer time.

You must check the fans are working before you set it up for use.

## 8 Warning, for your safety and avoid damages to the moving head

This product is has a water defend level of IP20. Please do not operate in wet surface or when humidity is high.

This head can generate a lot of heat in operation. Please don't set it up on surface made of combustible material.  Please make sure there is good ventilation where you set it up. Check the fan and ventilations on the light itself to make sure they are working properly. Keep the light at least 50CM from any wall to avoid accumulation of heat around the unit.

Avoid projecting the light against surface that is made of combustible material that is less than 3meters away.

Please don't look directly at the light source.

Please don't connect the lamp to any other dimming device.

Take good care of the power lead. Please always use good quality power lead and check its condition before you plug it in.

Keep the bulb clean, and do not directly touch the glass bulb with your hand.

Always use safety rope when installing this moving head upside down.

This product use discharge lamp, please restart after turning it off for at least 15 minutes for it to cool down. Frequently switch on and off will reduce the life span of the bulb.

Please do not turn the light on before installing/replacing the bulb.

## 5 Warning

The signal output connector 3XLR of the last fixture (maximum 32 fixtures) of each series must be wrapped with waterproof tape (auto-adhesive), sealed with a  $\phi$ 20 thermal shrinking sleeve and dry it with a hair drier for waterproof purpose.

## 6 Errors/Mistakes and Recommendations

Please write me at [triangle.lights@gmail.com](mailto:triangle.lights@gmail.com) for any errors/mistakes, or improvements that you think would make it a better manual.

We appreciate your help and will offer discounts for your next purchase depending on how much you contribute.

