

# **250W Beam Moving Head Light**

## **User's Manual**



Please read the instructions carefully before using

## 1. PACKAGE CONTENTS

1×250W Beam Moving Head Light

1×Mounting bracket

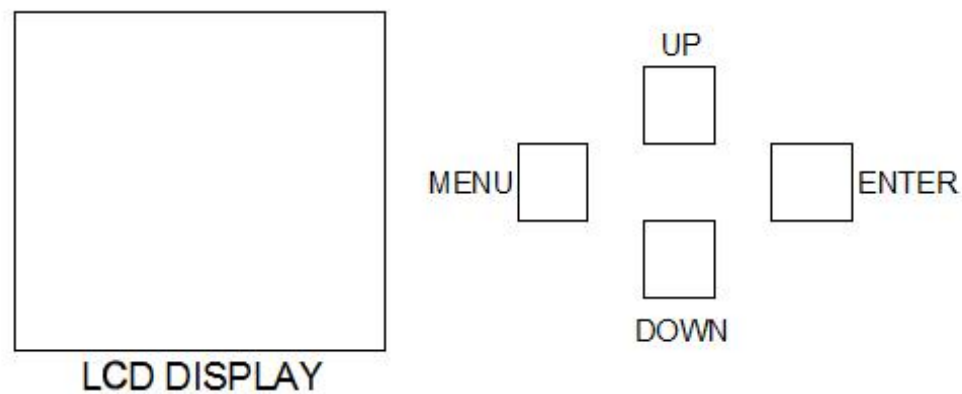
1×AC power cord

1×User's manual

1× 3-pin Signal cord

## 2. MENU DISPLAY

LCD Display & Press key



## Menu Display

| Main Menu   | Second        | Third        | Fourth |
|-------------|---------------|--------------|--------|
| Dmx Address | 000 - 512     |              |        |
| Fixture     | Dmx Mode      | STD / EXT    |        |
|             | Run Mode      | DMX / Host   |        |
|             | Pan Invert    | Close / Open |        |
|             | Tilt Invert   | Close / Open |        |
|             | Lamp On Power | Close / Open |        |
|             | Lamp Control  | Close / Open |        |
| Manual      | Color         | 000 - 255    |        |

|                      |                  |              |       |
|----------------------|------------------|--------------|-------|
|                      | Strobe           | 000 - 255    |       |
|                      | Dimmer           | 000 - 255    |       |
|                      | Fix Gobo         | 000 - 255    |       |
|                      | ⋮                | ⋮            |       |
|                      |                  |              |       |
|                      |                  |              |       |
|                      |                  |              |       |
| <b>Information</b>   | Time             | Current Time | xxxH  |
|                      |                  | Total Time   | xxxH  |
|                      |                  | Power Count  | xxx   |
|                      | Sensor           | Pan          |       |
|                      |                  | Tilt         |       |
|                      |                  | Temp         |       |
|                      |                  | ⋮            |       |
|                      |                  |              |       |
|                      | Software Version | Panel        | Vx.xx |
|                      |                  | Motor1       | Vx.xx |
|                      |                  | Motor2       | Vx.xx |
| <b>Factory</b>       | Password         | 000 - 255    |       |
|                      | Pan              | 000 - 255    |       |
|                      | Tilt             | 000 - 255    |       |
|                      | Strobe           | 000 - 255    |       |
|                      | Color            | 000 - 255    |       |
|                      | Fix Gobo         | 000 - 255    |       |
|                      | ⋮                | ⋮            |       |
|                      |                  |              |       |
| <b>Fixture Reset</b> | XY Reset         | OFF / Run    |       |

|                |              |                  |  |
|----------------|--------------|------------------|--|
|                | Motor Reset  | OFF / Run        |  |
|                | All Reset    | OFF / Run        |  |
|                | Factory      | OFF / Run        |  |
| <b>Display</b> | Language     | CH / EN          |  |
|                | Display Flip | Normal / Reverse |  |
|                | Display Mode | 60s / Show       |  |

### 3.TECHNICAL PARAMETER

Input Voltage: 100-240V 50/60Hz

Power: 350w

Light source: Philips 250W

Lifespan: 2000H

Color temperature: 8000k

Prism: 2 prism, one is 8 prism, one is 8+16 prism

Gobo Wheel: 13 static gobo +blank

Color Wheel: 13 color wheel +blank

Dimming: 0-100% linear dimming

Beam Angle: 0°-3°

Lens: High precision optical lens

Zoom Function

Focus: Linear adjustment

Frost function

DMX Channel: 16/20CH

Control Mode: DMX512/Master-Slave/Auto

Connect: 3-pin/5-pin DMX

Horizontal 540 °, resolution 16Bit

Vertically 270 °, resolution 16Bit

Display: LCD Display, switch between Chinese and English, 180 degree rotation

Protection class: IP20

Powercon

N.W.: 15kg

G.W.: 17kg

4. INSTALLATION



Power con in&out, DMX 3 pin+5pin in& out



5. DMX512 CHANNELS

| STD<br>Mode<br>16CH | EXT<br>Mode<br>20CH | DMX Value | Function      |
|---------------------|---------------------|-----------|---------------|
| 1                   | 1                   |           | Color         |
|                     |                     | 0-4       | White         |
|                     |                     | 5-9       | White+Color1  |
|                     |                     | 10-14     | Color1        |
|                     |                     | 15-19     | Color1+Color2 |
|                     |                     | 20-24     | Color2        |
|                     |                     | 25-29     | Color3+Color3 |
|                     |                     | 30-34     | Color3        |
|                     |                     | 35-39     | Color3+Color4 |

|   |   |         |                               |
|---|---|---------|-------------------------------|
|   |   | 40-44   | Color4                        |
|   |   | 45-49   | Color4+Color5                 |
|   |   | 50-54   | Color5                        |
|   |   | 55-59   | Color5+Color6                 |
|   |   | 60-64   | Color6                        |
|   |   | 65-69   | Color6+Color7                 |
|   |   | 70-74   | Color7                        |
|   |   | 75-79   | Color7+Color8                 |
|   |   | 80-84   | Color8                        |
|   |   | 85-89   | Color8+Color9                 |
|   |   | 90-94   | Color9                        |
|   |   | 95-99   | Color9+Color10                |
|   |   | 100-104 | Color10                       |
|   |   | 105-109 | Color10+Color11               |
|   |   | 110-114 | Color11                       |
|   |   | 115-119 | Color11+Color12               |
|   |   | 120-124 | Color12                       |
|   |   | 125-129 | Color12+Color13               |
|   |   | 130-134 | Color13                       |
|   |   | 135-139 | Color13+White                 |
|   |   | 140-149 | White                         |
|   |   | 150-199 | FAST ROTATION - SLOW ROTATION |
|   |   | 200-205 | STOP                          |
|   |   | 206-255 | SLOW ROTATION - FAST ROTATION |
| 2 | 2 |         | Shutter                       |
|   |   | 0-3     | Closed                        |
|   |   | 4-103   | SLOW - FAST                   |
|   |   | 104-107 | Open                          |
|   |   | 108-207 | FAST STROBE-SLOW STROBE       |

|   |   |         |                    |
|---|---|---------|--------------------|
|   |   | 208-212 | Open               |
|   |   | 213-251 | RANDOM SLOW - FAST |
|   |   | 252-255 | Open               |
| 3 | 3 |         | Dimmer             |
|   |   | 0 - 255 | Linear Dimmer      |
| 4 | 4 |         | Gobo 1             |
|   |   | 0-4     | white              |
|   |   | 5-9     | Gobo 1             |
|   |   | 10-14   | Gobo 2             |
|   |   | 15-19   | Gobo 3             |
|   |   | 20-24   | Gobo 4             |
|   |   | 25-29   | Gobo 5             |
|   |   | 30-34   | Gobo 6             |
|   |   | 35-39   | Gobo 7             |
|   |   | 40-44   | Gobo 8             |
|   |   | 45-49   | Gobo 9             |
|   |   | 50-54   | Gobo 10            |
|   |   | 55-59   | Gobo 11            |
|   |   | 60-64   | Gobo 12            |
|   |   | 65-69   | Gobo 13            |
|   |   | 70-79   | Gobo 1 Jitter      |
|   |   | 80-89   | Gobo 2 Jitter      |
|   |   | 90-99   | Gobo 3 Jitter      |
|   |   | 100-109 | Gobo 4 Jitter      |
|   |   | 110-119 | Gobo 5 Jitter      |
|   |   | 120-129 | Gobo 6 Jitter      |
|   |   | 130-139 | Gobo 7 Jitter      |
|   |   | 140-149 | Gobo 8 Jitter      |

|    |    |         |                               |
|----|----|---------|-------------------------------|
|    |    | 150-159 | Gobo 9 Jitter                 |
|    |    | 160-169 | Gobo 10 Jitter                |
|    |    | 170-179 | Gobo 11 Jitter                |
|    |    | 180-189 | Gobo 12 Jitter                |
|    |    | 190-199 | Gobo 13 Jitter                |
|    |    | 200-225 | FAST ROTATION - SLOW ROTATION |
|    |    | 226-229 | STOP                          |
|    |    | 230-255 | SLOW ROTATION - FAST ROTATION |
| 5  | 5  |         | Prism1                        |
|    |    | 0-127   | Reserve                       |
|    |    | 128-255 | prism1                        |
| 6  | 6  |         | Prism2                        |
|    |    | 0-127   | Reserve                       |
|    |    | 128-255 | prism2                        |
| 7  | 7  |         | Prism-2 Rot                   |
|    |    | 0 - 127 | Rotation                      |
|    |    | 128-190 | FAST ROTATION - SLOW ROTATION |
|    |    | 191-192 | STOP                          |
|    |    | 193-255 | SLOW ROTATION - FAST ROTATION |
| 8  | 8  |         | Frost                         |
|    |    | 0-127   | white                         |
|    |    | 128-191 | Frost                         |
|    |    | 192-255 | 6 Colors                      |
| 9  | 9  |         | Foucs                         |
|    |    | 0-255   | Foucs, Linear                 |
| 10 | 10 | 0 - 255 | Pan 8bit                      |
| 11 | 11 | 0 - 255 | Pan 16bit                     |

|    |    |         |                |
|----|----|---------|----------------|
| 12 | 12 | 0 - 255 | Tilt 8bit      |
| 13 | 13 | 0 - 255 | Tilt 16bit     |
| 14 | 14 | 0 - 255 | P/T Speed      |
| 15 | 15 | 0 - 255 | Reserve        |
| 16 | 16 |         | Function       |
|    |    | 130-139 | Lamp ON        |
|    |    | 200-209 | Pan&Tilt Reset |
|    |    | 210-219 | Effect Reset   |
|    |    | 220-229 | All Reset      |
|    |    | 230-239 | Lamp OFF       |
| *  | 17 | 0 - 255 | Reserve        |
| *  | 18 |         | Color speed    |
|    |    | 0-255   | Fast to Slow   |
| *  | 19 |         | Gobo speed     |
|    |    | 0-255   | Fast to Slow   |
| *  | 20 |         | Focus speed    |
|    |    | 0-255   | Fast to Slow   |