

USER MANUAL

Waterproof 350W beam light



Please read this manual carefully before use.

1. Control instructions



Encoder version

Turn clockwise to "down" Function: Select the next item or value plus
Turn counterclockwise to "Up" Function: Select the previous item or the value minus

OK button is "OK" function: OK to save, execute function, start editing, exit editing

Press and hold the OK button for 2 seconds. Exit function: Exit editing
Back to previous screen

Button version

The function of the "Back" button is: return to the previous interface to exit the function.

The function of the "Up" key is: select the previous item or the value is extended by 2 seconds.

The function of the "down" button is: select the next item or decrease the value and press 2 seconds to decrement quickly.

The functions of the "OK" button are: OK to save, execute functions, start editing, exit editing

1. Interface description

1.1. Main interface

Two LEDs on the left Green---(DMX signal indicator) Blue---(Host self-propelled voice control indicator)

3 buttons in the upper right corner for language switching and screen rotation.

The sub-interfaces corresponding to the four buttons in the bottom row are described later.

1.2. Setting interface

| Option | Description |
|--------|-------------|
|--------|-------------|

| | | |
|--------------------|-----------------|---|
| Operating mode | DMX | Slave status: Receive DMX signals from the console or host |
| | Self-prope lled | Host status: Run automatically and send DMX signal to slave Note: If the previous lamp is off, it will not automatically light up. If you need to observe the lighting effect, please light the bulb and then enter the automatic state. |
| | Voice control | Host status: voice control operation, and send DMX signal to the slave Note: If the previous lamp is off, it will not automatically light up. |
| DMX address | 1-512 | Press the "OK" button to enter the editing state. The "Up" and "Down" keys change the address code. Press "OK" to exit the editing state. |
| Channel mode | 16 | 16 Channel mode |
| | | |
| X Reverse | turn off | |
| | open | |
| Y Reverse | turn off | |
| | open | |
| XY exchange | turn off | |
| | open | Exchange XY axis channels (including fine tuning) |
| Reset | | Select "Yes" to confirm and start the reset. |
| Light bulb control | turn off | Turn off the bulb |
| | open | Turn on the light bulb (please turn on when the light bulb is cool) |
| Boot bright bubble | turn off | Reset directly after power-on, do not light the bulb (need to use the menu or console to manually brighten the bulb) |
| | open | Automatically brightens after power-on, and resets when the bulb is successfully lit. |
| XY Encoder | open | Use encoder (optocoupler) to determine out of step and automatically correct position |
| | turn off | Correct position without encoder (optocoupler) |
| No DMX signal | maintain | Continue running as it is |
| | Clear | The motor returns to the position and stops running. |
| screen protector | open | Turn off the backlight after 30 seconds of idle time |
| | turn off | Backlight is always bright |
| Color wheel linear | | Select "On" "Off" to enable the off color wheel linear function |

| | | |
|--------------------------|--|---|
| Restore default settings | | Select "Yes" to confirm and restore the default settings. |
|--------------------------|--|---|

1.1. Information interface

| Option | Description |
|--------------------------|----------------------------------|
| Software version | current software version |
| Total usage time | Cumulative usage time |
| Cumulative usage time... | Usage time since this boot |
| Total bright time | Cumulative brightening time |
| This bright time | Brightening time since this boot |

1.1. Manual control interface

1.2. This interface is used to control the current luminaire. It is neither in the slave state (does not receive the DMX signal) nor in the host state (does not send the DMX signal).

1.3.

| Option | Description |
|--------------------|--|
| X | Press the "OK" button to enter the editing state. Press the "Up" and "Down" keys to change the channel value. Press the "OK" button again to exit the editing state. |
| | |
| Pattern disk speed | |

1.1. Advanced interface

The factory default password is "1010"

| Option | Description |
|--------------------|---|
| Time clear | Bright bubble use time clear. Retime |
| Light bulb control | 2-wire 2-wire control lighter No half power Bright bubble detection function5-wire 5-wire control lighter |
| Reset calibration | After entering the sub-interface, the reset position of the motor such as X-axis and Y-axis can be adjusted to compensate for the error in hardware installation.Note: Do not reset and calibrate while the motor is running! If the motor is running, please let it stop before resetting and calibratingPerform a reset operation before reset calibration if necessary |

| NO | Channel | DMX Numerical value | Functional description |
|-----|---------|--|--|
| CH1 | colour | 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140-199 200-255 | White light White light + color 1 Color 1 Color 1 + color 2 Color 2 Color 2+ color 3 Color 3 Color 3+ color 4 Color 4 Color 4+ color 5 Color 5 Color 5+ color 6 Color 6 Color 6+ color 7 Color 7 Color 7+ color 8 Color 8 Color 8+ color 9 Color 9 Color 9+ color 10 Color 10 Color 10+ color 11 Color 11 Color 11+ color 12 Color 12 Color 12+ color 13 Color 13 Color 13+ white light Rainbow effect is going fast - slow Rainbow effect reverses slowly - fast |
| CH2 | Strobe | 0-2 3-50 51-240 241--255 | shut down turn on Strobe slow--fast turn on |
| CH3 | Dimming | 0-255 | Dark |
| CH4 | pattern | 0-4 5-9 10-14 15-19 | White light Pattern 1 Pattern 2 Pattern 3 |

| | | | |
|------|------------------------|--|--|
| | | 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-129 130-190 191-195 196-200 201-205 206-210 211-215 216-220 221-225 226-230 231-235 236-240 241-245 246-250 251-255 | 4Pattern 5Pattern 6Pattern 7Pattern 8Pattern 9Pattern 10Pattern 11Pattern 12Pattern 13Pattern Rainbow effect is going fast - slow Rainbow effect reverses slowly - fast 1 jitterPattern 2 jitterPattern 3 jitterPattern 4 jitterPattern 5 jitterPattern 6 jitterPattern 7 jitterPattern 8 jitterPattern 9 jitterPattern 10 jitterPattern 11 jitterPattern 12 jitterPattern 13 jitter |
| CH5 | Prism | 0-63 64-127 128-191 192-255 | no Insert prism 1 Insert prism 2 Insert prism 1+2 |
| CH6 | Prism 1 rotation | 0-127 128-191 192-255 | Prism 1 positioning Fast forward - slow Reverse slow - fast |
| CH7 | Prism 2 rotation | 0-127 128-191 192-255 | Prism 1 positioning Fast forward - slow Reverse slow - fast |
| CH8 | Atomization / colorful | 0-127 128-191 192-255 | no Atomization Colorful |
| CH9 | focusing | 0-255 | Far near |
| CH10 | Level | 0-255 | 0-540° |
| CH12 | vertical | 0-255 | 0-270° |
| CH13 | Vertical | 0-255 | 0-1.0° |

| | | | |
|------|--------------------|------------------------------------|---|
| | fine-tuning | | |
| CH14 | XY speed | 0-255 | Fast-slow |
| CH15 | Reset | 0-25 26-76 77-127 128-255 | No function Small motor reset Large motor (XY axis) reset All motor reset Start reset after staying for 5 seconds |
| CH16 | Light bulb control | 0-9 10-100 101-255 | No function Extinguish the bulb Light bulb Start switching the bulb after 5 seconds |