

200W Beam Light

User manual



(Please read the instruction manual carefully and manage properly
before using the product)

Thank you for choosing to use our 100W beam light, in order to use this product correctly and safely,

please read the manual carefully before installing and using this product. This instruction manual contains important installation and application information, please follow the instructions when installing and operating the product. Also, please keep this manual safe.

Our 200W beam light uses a new and beautiful high-temperature resistant metal body. This product is designed and produced in strict accordance with CE standards, in line with the international standard DMX512 signal protocol, can be used alone control, can also be used online, with fast rotation, low noise, powerful features, suitable for small and medium-sized concerts, theaters, studios, nightclubs and bars and other places.

Please unpack carefully, check this product for damage during transportation after the package is removed, and check whether the following are complete.

1 200W beam lamp----- 1 instruction manual----- 1 book
Power cord----- 1 Signal cable----- 1

This product is in good condition before leaving the factory. In order to maintain the integrity of this product and ensure safe operation, users should follow the safety precautions and the warnings in this manual.

Important: Damage caused by not following this instruction manual is not covered by the warranty. The supplier is not responsible for product problems arising therefrom.

If the product has been exposed to extreme unstable temperatures (e.g. after shipping), do not connect the product immediately to the power supply, as water droplets due to temperature changes may damage the product. Please return the product to normal temperature before use.

This product can be used in the voltage range of 90-240V and is used indoors. Please make sure that the ground voltage is not higher than the range that the product can bear!! The power plug must be plugged into a protective Class I socket. Green or tea cyan conductors must be grounded.

DMX512 Connection of signals: The lamp uses DMX512 signal control mode, the control signal of each lamp is in parallel, when connecting multiple lamp signals, it is best to use a double-core shielded cable. When connecting, each lamp is connected through the DMX signal jack (XLR holder) INPUT (input) and OUTPUT (output) on the lamps, and the 3-pin XLR plug terminal of the signal line connected to the lamps must correspond to each other, and it is recommended to use DMX signal terminator when connecting the lamp signal. To avoid destroying the control signal due to the electrical noise, the DMX signal terminator is an XLR plug with a 120 ohm 1W resistor between the 2 and 3 pins and connects it to the OUTPUT jack of the last lamps.

lamps start address code calculation method:

The starting address code of the current lamps is equal to (the starting address code of the previous lamps) + (the number of channels of the lamps) Description:

1: The starting address code value of the first lamp is A001.

2: The basic number of channels of the controller should be greater than or equal to the total number of channels used by the lamps.

3: Note: When using any controller, each lamp should have its own start address code, if the start address code of the first lamp is set to A001, the number of lamp channel passes is 16CH; Then the starting address code of the second lamp is set to A017; The starting address code of the third lamp is set to A033; And so on, (this setting method also needs to be determined by different consoles).

lamps installation instructions:

This lamp can be placed horizontally, hanging diagonally and upside down, and you must pay attention to the installation method when hanging diagonally and upside down. Fixed installation of lamps: before positioning the lamps, to ensure the stability of the installation site, when reversing the hanging installation, it is necessary to ensure that the lamps do not fall down on the support frame, and use safety ropes to pass through the support frame and the lamp handle to assist the hanging; to ensure safety. To prevent the lamp from falling and sliding, when the lamp is installed and debugged,

pedestrians are prohibited from passing below, regularly check whether the safety rope is worn out, whether the hook screw is loose, if the hanging installation is not stable, resulting in the fall of the lamp and all the consequences, the manufacturer does not bear any responsibility.

●Menu description

| Main menu | Secondary menu | Three-menu/parameter | |
|----------------------------------|----------------------------------|--|--|
| address | 001 - 512 | (Add the number of channels each time, minus normal) | |
| System settings | Operating mode | DMX/voice/self-propelled 1/self-propelled 2 | |
| | Channel mode | 13CH | |
| | Horizontal reversal | On/Off | |
| | Reverse vertically | On/Off | |
| | Hall error correction | On/Off | |
| | Optocoupler error correction | On/Off | |
| | Signal hold | On/Off | |
| | Screen saver | On/Off | |
| | Screen flip | Off/On/Auto | |
| | Synchronize updates | On/Off | |
| | language | Medium/EN | |
| Factory reset | Confirm/Cancel | | |
| Manual mode | The current channel mode channel | 0-255 | |
| System calibration | Enter the password | lamps calibration | |
| System reset | Effect motor reset | | |
| | Scan motor reset | | |
| | All motors reset | | |
| System information | Reset error message | A reset error message is displayed | |
| | DMX data monitoring | Receive the channel value of the console | |
| | Sensor information | Hall information | |
| | | X-optocoupler information | |
| | Hardware version | Y-optocoupler information | |
| | Software version | Displays the hardware version | |
| The current channel mode channel | Displays the software version | | |

Screen auto-rotation function:The system can automatically rotate the screen according to the direction of gravity, without manual rotation. You can also turn off the auto-rotation function.

➤ **Manual control**

This interface is used to control the current fixture.

Press the OK key to enter the editing state. Press the "Up" and "Down" keys to change the channel value. Press "OK" again to save the modified value and exit editing, press "Exit" to exit the editing without saving the modified value.

➤ **System calibration**

Press the "OK" key to enter.

| 选项 | 说明 |
|--------------------|--|
| Initial position | After entering the sub-interface, the initial position of the X axis, Y axis, color wheel, picture dial, fog mirror, prism, and focus motor can be adjusted, and the adjustment range is 0~255, 127 means that there is no adjustment. |
| Stroke calibration | After entering the sub-interface, you can adjust the stroke of the X-axis, Y-axis, fog mirror, colorful mirror, prism, and focus motor, and the adjustment range is 0~255,127 means that there is no adjustment. |
| power | After entering the sub-interface, the power of the lamp bead can be adjusted, and 255 indicates the maximum power. |
| Other calibrations | Voice-activated sensitivity calibration, password change. |

Reset

Press the "Up" and "Down" keys to switch the reset mode, and press "OK" to reset directly.

| Options | illustrate |
|--------------------|-----------------------------------|
| Effect motor reset | Effects other than XY motor reset |
| Scan motor reset | XY axis reset |
| All motors reset | Lamp reset |

System information

| Options | illustrate |
|-------------------------|---|
| Reset the information | If the red ERR indicator lights up, it means that the lamp is running incorrectly, and the details can be viewed on the sub-interface |
| DMX data monitoring | This takes you to the sub-interface, displaying the channel values as numeric values for viewing |
| Sensor information | Real-time monitoring of sensor status such as optocouplers and Hall on the lamp |
| Hardware version number | lamps hardware information |
| Software version | lamps software version |

| | |
|--------|--|
| number | |
|--------|--|

●Channel table

| 20 channels | Channel capabilities | numeric value | effect |
|-------------|----------------------|---------------|-------------------------|
| 1 | X-axis | 0-255 | 0-540° |
| 2 | X-axis fine-tuning | 0-255 | X fine-tuning |
| 3 | Y-axis | 0-255 | 0-260° |
| 4 | Y-axis fine-tuning | 0-255 | Y fine-tuning |
| 5 | XY speed | 0-255 | From fast to slow |
| 6 | Total dimming | 0-255 | Dimming (dark to light) |
| 7 | Strobe | 0-3 | void |
| | | 4-99 | Synchronous strobe |
| | | 100-149 | Pulse strobe |
| | | 150-199 | Flash |
| | | 200-249 | Random strobe |
| | | 250-255 | Turn on the light |
| 8 | color | 0-6 | white |
| | | 7-11 | color1 |
| | | 12-16 | color2 |
| | | 17-21 | color3 |
| | | 22-26 | color4 |
| | | 27-31 | color5 |
| | | 32-36 | color6 |
| | | 37-41 | color7 |
| | | 42-46 | color8 |
| | | 47-51 | color9 |

| | | | |
|---------|----------------------------------|---------|---|
| | | 52-56 | color10 |
| | | 57-61 | color11 |
| | | 62-66 | color12 |
| | | 67-71 | color13 |
| | | 72-75 | white light+color1 |
| | | 76-79 | color1+color2 |
| | | 80-83 | color2+color3 |
| | | 84-87 | color3+color4 |
| | | 88-91 | color4+color5 |
| | | 92-95 | color5+color6 |
| | | 96-99 | color6+color7 |
| | | 100-103 | color7+color8 |
| | | 104-107 | color8+color9 |
| | | 108-111 | color9+color10 |
| | | 112-115 | color10+color11 |
| | | 116-119 | color11+color12 |
| | | 120-123 | color12+color13 |
| | | 124-127 | color13+white light |
| | | 128-189 | Counterclockwise flow from fast to slow |
| | | 190-193 | Stop the running water |
| 194-255 | Clockwise flow from slow to fast | | |
| 9 | pattern | 0-2 | White light hole |
| | | 3-6 | pattern1 |
| | | 7-10 | pattern2 |
| | | 11-14 | pattern3 |
| | | 15-16 | pattern4 |
| | | 19-22 | pattern5 |
| | | 23-26 | pattern6 |
| | | 27-30 | pattern7 |
| | | 31-34 | pattern8 |
| | | 35-38 | pattern9 |
| | | 39-42 | pattern10 |
| | | 43-46 | pattern11 |
| | | 47-50 | pattern12 |
| | | 51-54 | pattern13 |
| | | 55-58 | pattern14 |
| | | 59-62 | pattern15 |

| | | | |
|----|----------------------|---------|---|
| | | 63-66 | pattern16 |
| | | 67-70 | pattern17 |
| | | 71-77 | pattern1Jitter from slow to fast |
| | | 78-84 | pattern2Jitter from slow to fast |
| | | 85-91 | pattern3Jitter from slow to fast |
| | | 92-98 | pattern4Jitter from slow to fast |
| | | 99-105 | pattern5Jitter from slow to fast |
| | | 106-112 | pattern6Jitter from slow to fast |
| | | 113-119 | pattern7Jitter from slow to fast |
| | | 120-126 | pattern8Jitter from slow to fast |
| | | 127-133 | pattern9Jitter from slow to fast |
| | | 134-140 | pattern10Jitter from slow to fast |
| | | 141-147 | pattern11Jitter from slow to fast |
| | | 148-154 | pattern12Jitter from slow to fast |
| | | 155-161 | pattern13Jitter from slow to fast |
| | | 162-168 | pattern14Jitter from slow to fast |
| | | 169-175 | pattern15Jitter from slow to fast |
| | | 176-182 | pattern16Jitter from slow to fast |
| | | 183-189 | pattern17Jitter from slow to fast |
| | | 190-221 | Counterclockwise flow from fast to slow |
| | | 222-223 | Stop the running water |
| | | 224-255 | Clockwise flow from slow to fast |
| 10 | Colorful atomization | 0-127 | Colorful atomization cut out |
| | | 128-189 | Atomization cut |
| | | 190-255 | Colorful cut |
| 11 | prism | 0-31 | The prism is cut out |
| | | 32-63 | Prism cut |
| | | 64-255 | The prism rotates from slow to fast |
| 12 | Focusing | 0-255 | 0-100% from far to near |
| 13 | reposition | 0-199 | void |
| | | 200-205 | Reset all |
| | | 206-255 | void |