



USER'S MANUAL



Model: BC-CMY195

19x15w 4in1 Led Zoom Moving Head Light

Package Includes:

- 1 x led zoom moving head light
- 1 x clamp
- 1 x power cable
- 1 x DMX cable

Please read this manual before use

● **technical parameter:**

1. Rated voltage: AC110V-240V / 50-60Hz
2. Rated power: 300w
3. Light source: 1915W (highlight 4 in 1 full color LED)
4. Ball life: Ball life is > 50,000 hours
5. Color temperature: 6,500 K
6. Focus Angle: 10 °~ 60 °large range linear zoom, free switching from beam to staining
7. Strobe: high-speed electronic adjustment strobe design, the frequency can reach 0.5~18 times per second
8. Dimming: 0-100% independent electronic linear dimming, 16 Bit curve dimming mode curve dimming mode, so that the dimming color process, no flicker, jitter, jump, dimming color softer, camera more clear and real.
9. Focus: electronic focus, ultra-micro smooth to adjust the focal length
10. Scan: X-axis: 540 °, 16 Bit; Y-axis: 270 °, 16 Bit
11. Control mode: DMX512, primary / slave, voice control
12. Control channel: 16 CH / 24 CH
13. Working environment: IP20 / indoor use, working environment temperature: -20 °C~40 °C

● **functional characteristics:**

1. Strong lamp efficiency and large range of staining zoom
2. Built-in rapid synchronization (0.5 / -18 / second)
3. Large-range of ultra-microsmooth scanning.5 Horizontal scan, 540 degrees, 270 degrees vertical scan, 16bit scan accuracy, precise positioning, and adjustable scan speed.
4. Built-in self-travel program, master-slave machine Settings, to make users more convenient and easy.
5. The lamp external type adopts high-strength PC engineering plastic shell, die-casting structure design, strong air refrigeration, primary forming, with good heat dissipation system, safe and stable

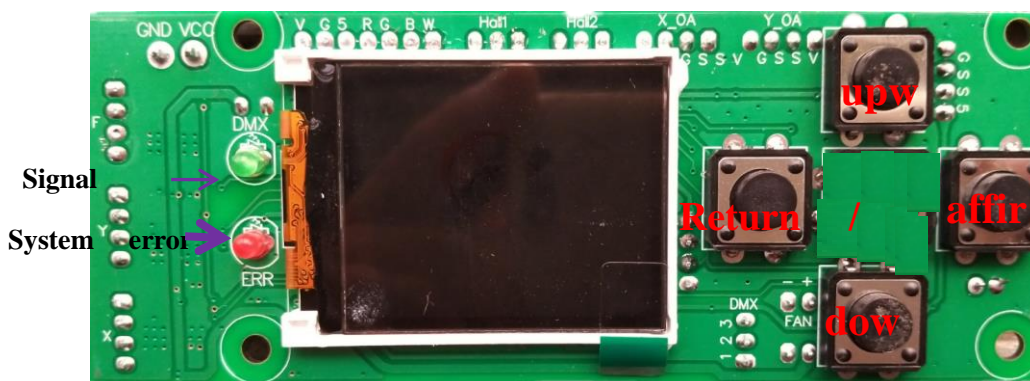
6. Focus: Using optical combination, the effect is far better than the usual dyeing lamp, which can project a high-definition effect.
7. Overheating intelligent protection
8. Intelligent dimming control (prolong the service life of the lamp source)

● DMX512 Connection of the signal:

This lamp uses DMX512 signal control mode, and the control signal of each lamp is in parallel. When connecting the signals of multiple lamps, it is best to use dual-core shielding cable. When connecting, each lamp is connected through the INPUT (input) and OUTPUT (output) of the DMX signal jack (Canon seat) on the lamp. The 3-core XLR XL plug terminal of the signal line connecting the lamp must correspond to each other. When connecting the lamp signal, it is recommended to use the DMX signal terminal. To damaging the control signal due to electrical noise, the DMX signal terminal is a 120 ohm 1W resistance between the 2 and three feet of an XLR plug and connects it to the OUTPUT (output) jack of the last lamp.

● Menu operation

Set the interface



There are system Settings, operation mode, display Settings, factory set four primary menus, simple operation, fast reaction speed.

● Menu instructions

◆ System Settings

1. DMX address 002 confirm the modification through the confirmation key, and then go up and down the key to select the DMX address, reconfirm, and return to exit. Encoder close; confirm the modification through confirmation key, select close / open, confirm, and return to exit.
2. X reverse close to confirm the modification, then select close / open, reconfirm, and return to exit.
3. Y reverse close confirm the modification through the confirmation key, then select close / open, then confirm, and return to exit.

◆ running mode

Operation mode DMX confirms the modification through the confirmation key, the upper and lower keys select the operation mode, and returns to exit.

Channel selection of 16 CH

channel		16
1	000-255	X-axis (horizontal)
2	000-255	Y-axis (vertical)
3	000-255	XY velocity
4	000-255	Total dimming
5	000-255	Red brightness regulation
6	000-255	Green brightness adjustment
7	000-255	Blue brightness adjustment
8	000-255	White brightness regulation
9	000-255	strobe flash
10	000-255	focus
11	000-255	functioning pattern
12	000-255	Mode speed
13	000-255	X axis fine-tuning
14	000-255	Y axis fine-tuning
15	000-255	000-249 invalid 250-255 reset
16	000-255	of no avail

Channel selection of 20 CH

channel		16
1	000-255	X-axis (horizontal)
2	000-255	Y-axis (vertical)
3	000-255	XY velocity
4	000-255	Total dimming
5	000-255	Red 1 brightness adjustment

6	000-255	Green 1 brightness adjustment
7	000-255	Blue 1 brightness adjustment
8	000-255	White 1 brightness adjustment
9	000-255	Red 2 brightness adjustment
10	000-255	Green 2 brightness adjustment
11	000-255	Blue 2 brightness adjustment
12	000-255	White 2 brightness adjustment
13	000-255	Red 3 brightness adjustment
14	000-255	Green 3 brightness adjustment
15	000-255	Blue 3 brightness adjustment
16	000-255	White 3 brightness adjustment
17	000-255	strobe flash
18	000-255	focus
19	000-255	functioning pattern
20	000-255	Mode speed
21	000-255	X axis fine-tuning
22	000-255	Y axis fine-tuning
23	000-255	000-249 invalid 250-255 reset
24	000-255	of no avail

◆ **Exploitation setting**

Language selection Chinese through the confirmation key to confirm the modification, the upper and lower keys to select the language, then confirm, return to exit.

Inverted Settings close to confirm the modification, the upper and lower key selection open, then confirm, return to exit.

◆ **Factory setup (password 138)**

calibration

X calibration 128 confirm the modification through the confirmation key, then select the appropriate channel value up and down, confirm, and return to exit

Y calibration 128 confirm the modification through the confirmation key, then select the appropriate channel value up and down, and return to exit

Focus 128 confirm the modification through the confirmation key, then select the appropriate channel value up and down, then confirm, and return to exit

Red 220 confirms the modification by the confirmation key, then selects the appropriate channel value up and down, then confirms, and returns to the exit

Green 220 confirm the modification through the confirmation key, then select the

appropriate channel value up and down, then confirm, and return to exit

Blue 220 confirms the modification by the confirmation key, then selects the appropriate channel value up and down, then confirms, and returns to exit

White 220 confirm the modification through the confirmation key, then select the appropriate channel value up and down, then confirm, and return to exit

Logo 000 Confirm through the left function key, then select the appropriate LOGO up and down, confirm, and return to exit.

● **Cleaning**

As the smoke and dust corrosion, internal and external vision lens must be cleaned out to make the light output power optimization.

1. Use the glass cleaner and soft cloth to clean the package.
2. Every 20 days, use the glass cleaner and soft cloth to clean the external lens.
3. When you insert the power is always to ensure that every part of the product dry.

When Fixtures run, require regular cleaning according to the different environments.

● **Troubleshooting**

The following are some common problems encountered and the solutions when the customers use it:

1. For there is no response to DMX
2. Check the DMX cable is properly connected (pin3 as follows: "hot", in other DMX devices, pin2 are also as follows: "hot" means.
3. For the voice made no reply
4. Sound is too small or too high-profile voice can not make it up and running. If this problem persists, please contact your vendor for help.

● **Maintenance**

1. Please keep the light in dryness and avoiding use in wet place.
2. Using intermittently can be extended the life.
3. Attention to clean the fan and lens usually in order to get the ventilating effects and lighting effects better.

4. Please do not wipe the crust using organic menstruum avoiding to damage the product.

● Statement

The product has well capability and intact packing when leave factory. All of the user should comply with above warning item and manual,any misuse cause of the damages are not included in our guarantee,and also can't be responsible for any malfunction & problem owing to ignore the manual. Please forgive that we will not be notice for technical change.

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