

USER GUIDE FOR 380W LED BEAM MOVING HEAD-17R



Applicable Models:

380W LED BEAM MOVING HEAD-17R

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Important Notice:

There are no user serviceable parts inside the fixture. Do not attempt any repairs yourself; doing so will cease the manufacturing warranty and such acts will void the manufacturer warranty claims.

- Warranty claims to be reported to the above referred email ID's with the product Sl. Nos.
- Warranty will not be extended on the glass and breakable items like lenses etc.
- Product warranty does not cover the physical damages, breakages etc.
- Product warranty ceases if the product is not used as per manufacturer instructions.
- Product warranty is limited to the functional aspects of the fixture.
- Repair or Replacement is depending on the variance of complaint subject to manufacturer decision.

Instructions:

This Product is IP20 rated. For proper operation, follow the **Installation guidelines described in this manual. Only qualified and** certified personnel should perform the installation and only the original rigging parts (brackets, holders, clamps, safety cables) included with this fixture should be used for installation. Any modifications will void the original manufactures warranty and increase the risk of damage and/or personal injury.

- Never look directly into the light source to prevent risk of injury to your retina, which may induce blindness. Those suffering from EPILEPSY should avoid looking directly into the light source of this unit at all times.
- The fan and air inlets must remain clean and never blocked. Allow approx. 6" (15cm) between this fixture and other devices or a wall for proper cooling.
- Always disconnect from main power source before performing any type of service and/or cleaning procedure. Only handle the power cord by the plug end, never pull by tugging the wire portion of the cord.
- Do NOT operate fixture if the power cord has become frayed, crimped and/or damaged. If the power cord is damaged, replace it immediately with a new one of similar power rating.
- Do NOT operate fixture near any flammable materials.
- Do NOT operate fixture in dusty environments.
- Fixture is IP20 rated and should be operated at the dry spaces. Fixture may get damaged to moistures and wet environments.
- This fixture has an inbuilt signal dimming system. Do NOT connect this fixture for external dimmer packs.
- We urge you to ensure proper mechanical fitments of clamps and a usage of safety chains while suspending from the top.

FEATURES & SPECIFICATIONS

- Power supply: AC100V - 240v
- Frequency: 50 Hz - 60 Hz
- Total power: 420W
- Fuse: 5A
- Ballast: electronic ballast
- Light source: Philips projection bulb
- Light bulb power: 380W
- Color temperature: 8500 k
- Average life span: 2000H (light bulb and reflective cup overall package, light efficiency and higher service life)
- Control signal: international standard DMX512
- Appearance: high temperature resistant plastic Light
- body color: black
- Protection level: IP20
- 17. Net KG

Features:

- International standard control signal: DMX512
- Channel number: 18CH
- LCD 650,000 color touch TFT interface, easy to operate and beautiful interface, the interface can be inverted 180 degrees.
- The X axis rotate for 540 °C, the Y axis vertical rotation of 270 °C, with automatic Correction.
- X, Y axis operation can be tempered and micro, the software band calibration localization function, high precision!
- Dimming: 0-100% linear adjustment.
- Strobe: double - chip stroking (0.5-9 times/SEC), complete linear dimming and variable stroking speed.
- Color wheel: with 14 colors + blank (capable of creating sharp air beam effects)
- Design wheel: with 14 fixed patterns + blanks (let you quickly change the shape of the beam)
- A prism: rotating eight prisms, can be bi-directional rotation, rotation speed is adjustable, making a richer pattern projection effect
- Itemization: soft light effect, the design of soft dream effect.
- Focus: adopting the combination of three groups of optical lens effect is much better than the beam of light, usually can reflects the pattern of hid
- The beam Angle: parallel beam Angle: 0-3.8
- Overheating intelligent protection
- Smart bulb switch control, prolong the service life of the bulb)

Connection of DMX512 signal:

The lamps and lanterns use DMX512 signal control model, the control signal of lamps and lanterns is a parallel relationship, the connection is more than one signal lamps and lanterns, it is best to use double core shielded cables. Connection, all through the lamps and lanterns of lamps and lanterns DMX signal on jack (context) INPUT (INPUT) and OUTPUT (OUTPUT) are connected, connect the line of lamps and lanterns 3 core XLRXL plug terminal must correspond to each other, when the connection signal lamps and lanterns, it is recommended to use DMX signal terminal. Can be avoided, due to electrical noise damage control signal, DMX signal terminal device is a XLR plugs connection between 2 and 3 feet a 120-ohm resistance of 1 w, and connect it on the last stage of lamps and lanterns of the OUTPUT (OUTPUT) jack.

The initial address code calculation method of lamps and lanterns:

The starting address code of the current light fixture is equal to (the initial address code of the last light fixture) + (the number of channels of the lamp):

- The initial address code of the first lamp is A001.
- The basic channel number of the controller should be greater than or equal to the total number of use channels.
- Note: when using any controller, each lamp should have its own initial address code. If the initial address code of the first light lamp is set A001, the number of the luminaire number is 16CH; the starting address of the second light fixture is set to A017. The starting address code of the third light fixture is set to A033; And so on and so forth, (this setting also needs to be determined by different control tables)

Description of installation of lamps and lanterns:

This luminaire can be placed horizontally, slanting and hanging upside down, and must pay attention to the installation method when hanging and hanging upside down.

Fixed installation of lamps and lanterns: before the positioning of lamps and lanterns, to ensure the stability of the installation site, when the reverse hanging installation, must ensure that the lamps and lanterns is not tumbled down on the supporting frame and handle with a safety rope through the racks and lamps and lanterns, assist hanging; In order to ensure safety. To prevent fall and slide of lamps and lanterns, lamps and lanterns in the installation and debugging, the ban pedestrians pass, regularly check whether the safety rope appear wear away, whether hook screws loosen, if because hanging installation is not stable, lead to fall all consequences arising from the lamps and lanterns manufacturer does not assume any responsibility.

Light bulb installation:

- When replacing the bulb, remove the plastic shell of the lamp head first.
- Good quality light bulbs are recommended.
- Uncharged installation, remove the bulb.
- Hand untouchable parts of the bulb.
- Tighten the screws after replacing the bulb.
- The light bulb work at high temperature, and gas discharge cannot continue to supply the physical characteristics of bubble, must therefore be in every time, when the power is completely cooling ability to operate in about 10 minutes, otherwise it will lead to high voltage discharge, short circuit burn out components on the computer console.

Safety Tips:

- To ensure your safe use of lamps, read the following safety tips carefully before using them to avoid unnecessary breakdowns and injuries.
- Non-professional personnel, do not remove the fittings in lamps and lanterns without permission.
- AC power supply: check whether the local power supply meets the rated voltage requirement.
- The lamps and lanterns is according to the type of electric shock protection design, lamps and lanterns should be used with sufficient power supply system grounding, and lamps and lanterns of the ground wire must be connected to the ground of the power supply system. Do not use insulation damaged power cord, at the same time, do not use the power cord overlap on the other wire.
- 4, when the installation location and lamps and lanterns, any point on the surface of lamps and lanterns and any easy to burn the explosive keep minimum distance of 10 meters, 2.5 meters from irradiation distance, please do not install the lamps and lanterns is directly in to burn the material surface.
- Ambient temperature used in luminaires: (-10 degrees + 40 degrees), the maximum temperature of the lamp surface is 80 degrees, and the lamps and lanterns should be kept away from the liquid material and wet environment.
- Make sure the lamps are well grounded before using the lamps, and do not install and remove any parts.
- When installing lamps and lanterns, the fixing screws must be fastened, equipped with safety cables and checked regularly.
- The continuous working time of the luminaires should not exceed 10 hours, and the interval time of continuous start of the lamps shall not be less than 10. Otherwise, the bulb should be protected from overheating and cannot be triggered normally.
- In the process of use, the lamp should be stopped using lamps in time.

Difficult method:

The following is a list of troubleshooting and processing methods. Other maintenance tasks are handled by professional maintenance personnel.

Light bulb

- Due to improper operation, the bulb has not been completely cooled. The lamp should be cooled for more than 10 minutes, so that the inner bulb of the bulb can be fully restored to normal state, and the power supply can be started again.
- Check whether the bulb has reached the service life and should replace the new bulb.
- Check whether the bulb and the bubble line are leaking, shedding or not having good contact.
- Replace the new point bubbler.

The beam appears dim

- Check whether the bulb has reached the service life and should replace the new bulb.
- Check that the optical parts or light bulbs are clean, and the light bulbs and other optical devices are accumulated with dust, and the light bulbs and components should be cleaned and maintained regularly.

The projected image is blurry

- Check whether the electron focus channel value is suitable for the current projection distance.

Computer lights work intermittently

- Check whether the fan is running normally to make it dirty.
- Check whether the internal temperature control switch is closed.
- Check whether the bulb has reached the service life and should replace the new bulb

Although it glows, the computer lamp no longer accepts the controller's control

- Check the initial address code and check the connection of the communication line (1 ground 2 minus 3 positive)
- Add signal amplifier
- When the bulb was not completely cooled, there was an abnormal start operation, and the instantaneous ultra-high voltage of the bubbler was leaking and the CPU of the circuit board channel chip was burned.

The computer light cannot be started

- Check whether the insurance on the power input socket is fused
- Lamps and lanterns are not in contact with the line due to vibration during long distance transportation
- Check the input power, computer board and other connector devices.

After self-examination, some functions do not accept controller control

- Check that the function has no power at work, or whether the chip is burned by other high-pressure shocks.

The X and Y axis are restored to 0 in other data while the electricity is working, and there is an abnormal noise

- At the time of abnormal qi, the high point bubble voltage leakage caused the burning of X and Y axis photoelectric induction circuit board (light lotus root).
- Restart the computer light according to normal procedures
- Push all the channel values of the controller to 0, remote reset computer lamp.

Maintenance and insurance:

Shutdown operation: before each off, the bulb first closed 10 minutes ahead of time. Let the cooling fan inside heat when using the lamps and lanterns, fast discharge, it can prolong the lamps and lanterns of accessories, especially the service life of the bulb. In order to ensure the lamps and lanterns can steadily run, should keep it clean, open lamps and lanterns for repair or before maintenance work that make sure the power is disconnected, it is important to keep the lamps and lanterns is clean, clean, clean, please regularly not only keep the maximum brightness output, but also can prolong the service life of lamps and lanterns, it is recommended to use high quality glass cleaner and use a clean soft cloth to clean, use the vacuum cleaner at least half an year is clean inside the lamp.

Key instructions:

The "left" and "right" keys function the same way: return to the previous interface "Up" and "down" key: select and edit.



"Determine" key (that is, "OK" key): execute function, begin edit, exit edit
MENU enters MENU selection
DOWN to the next option UP to the previous option
ENTER to confirm the selected function

Interface Description:

The main interface

The following is an example of "modifying DMX address code" to describe the use of keys:

- If it is not the main interface, press the "left" button (one or more times) to return to the main interface
- Select the "Settings" button under the "top" key or "lower" key under the main interface Press "ok" to enter the "Settings" interface
- Select the "DMX address" by pressing the "up" key or "under" key under the "setting" interface
- Press "ok" to enter edit status
- Modify the DMX address code by pressing "up" or "down" key Press "ok" to exit edit status

DMX Channel List

| CH | Eng contrast | DMX | English |
|-----------|-------------------|-----------|------------------|
| 1 | Color | 0 - 9 | Colour1 |
| | | 8 - 14 | Colour1+Colour2 |
| | | 15 - 19 | Colour2 |
| | | 20 - 24 | Colour2+Colour3 |
| | | 24 - 29 | Colour3 |
| | | 30 - 34 | Colour3+Colour4 |
| | | 35 - 39 | Colour4 |
| | | 40 - 44 | Colour4+Colour5 |
| | | 45 - 49 | Colour5 |
| | | 50 - 54 | Colour5+Colour6 |
| | | 55 - 59 | Colour6 |
| | | 60 - 64 | Colour6+Colour7 |
| | | 65 - 69 | Colour7 |
| | | 70 - 74 | Colour7+Colour8 |
| | | 75 - 79 | Colour8 |
| | | 80 - 84 | Colour8+Colour9 |
| | | 85 - 89 | Colour9 |
| | | 90 - 94 | Colour9+Colour10 |
| 95 - 99 | Colour10 | | |
| 100 - 104 | Colour10+Colour11 | | |
| | | 105 - 109 | Colour11 |

| | | | |
|---|---------|-------------|---|
| | | 110– 114 | Colour11+Colour12 |
| | | 115– 119 | Colour12 |
| | | 120– 124 | Colour12+Colour13 |
| | | 125– 129 | Colour13 |
| | | 130– 134 | Colour13+Colour14 |
| | | 135– 139 | Colour14 |
| | | 140– 149 | Colour14+Colour1 |
| | | 150– 203 | Forward flow (From fast to slow) |
| | | 204– 255 | Reverse flow (From slow to fast) |
| 2 | Shutter | 0–3 | Closed |
| | | 4–103 | Strobe pulse (From slow to fast) |
| | | 104– 107 | Open |
| | | 108– 207 | Stroboscopic effect (From slow to fast) |
| | | 209– 212 | Open |
| | | 213– 251 | Random strobe (From slow to fast) |
| | | 252-255 | Open |
| 3 | Dimmer | 0-255 | From dark to light |
| 4 | Gobo | 0 - 5 | Gobo1 |
| | | 06-Nov | Gobo2 |
| | | Dec-17 | Gobo3 |
| | | 18 - 23 | Gobo4 |
| | | 24 - 29 | Gobo5 |
| | | 30 - 35 | Gobo6 |
| | | 36 - 41 | Gobo7 |
| | | 42 - 47 | Gobo8 |
| | | 48 - 53 | Gobo9 |
| | | 54 - 59 | Gobo10 |
| | | 60 - 65 | Gobo11 |
| | | 66 - 71 | Gobo12 |

| | | | |
|---|------------|-------------|---|
| | | 72 - 77 | Gobo13 |
| | | 78 - 83 | Gobo14 |
| | | 84 - 89 | Gobo15 |
| | | 90—134 | Forward flow (From fast to slow) |
| | | 135— 139 | Gobo1 |
| | | 140— 185 | Reverse flow (From slow to fast) |
| | | 186— 190 | Gobo2 Jitter (From slow to fast) |
| | | 191— 195 | Gobo3 Jitter (From slow to fast) |
| | | 196— 200 | Gobo4 Jitter (From slow to fast) |
| | | 201— 205 | Gobo5 Jitter (From slow to fast) |
| | | 206— 210 | Gobo6 Jitter (From slow to fast) |
| | | 211— 215 | Gobo7 Jitter (From slow to fast) |
| | | 216— 220 | Gobo8 Jitter (From slow to fast) |
| | | 221— 225 | Gobo9 Jitter (From slow to fast) |
| | | 226— 230 | Gobo10 Jitter (From slow to fast) |
| | | 231— 235 | Gobo11 Jitter (From slow to fast) |
| | | 236— 240 | Gobo12 Jitter (From slow to fast) |
| | | 241— 245 | Gobo13 Jitter (From slow to fast) |
| | | 246— 250 | Gobo14 Jitter (From slow to fast) |
| | | 251— 255 | Gobo15 Jitter (From slow to fast) |
| 5 | Prism1 | 0 -127 | Prism1 pop up |
| | | 128-255 | Prism1 cut |
| 6 | Prism1 Rot | 0 — 64 | Rotation |
| | | 65 -127 | Forward flow (From slow to fast) |
| | | 128-191 | Reverse flow (From slow to fast) |
| | | 192-255 | Positive and negative rotatio (From slow to fast) |

| | | | |
|----|------------|---------|---|
| 7 | Prism2 | 0-127 | Prism2 pop up |
| | | 128-255 | Prism2 cut |
| 8 | Prism2 Rot | 0 – 64 | Rotation |
| | | 65 -127 | Forward flow (From slow to fast) |
| | | 128-191 | Reverse flow (From slow to fast) |
| | | 192-255 | Positive and negative rotatio (From slow to fast) |
| 9 | Focus | 0-255 | Linear focus (From near to far) |
| 10 | Pan | 0 –255 | 0-540 Degree |
| 11 | Pan Low | 0 –255 | 0-2.1 Degree Low |
| 12 | Tilt | 0 –255 | 0-270 Degree |
| 13 | Tilt Low | 0 –255 | 0-2.1 Degree Low |
| 14 | P/T Speed | 0 –255 | From fast to slow |
| 15 | Frost | 0-255 | Frost |
| 16 | qicai | 0-127 | Qicai pop up |
| | | 128-255 | Qicai cut |
| 17 | Lamp | 0 –99 | invalid |
| | | 100–105 | Lamp Off |
| | | 106–199 | invalid |
| | | 200–205 | Lamp On |
| | | 206–255 | invalid |
| 18 | Reset | 0-249 | invalid |
| | | 250–255 | Reset |

For Further assistance, you are requested to contact our office or authorized dealers.
We are there at your service.

Thank You for Choosing Leksa Lighting:

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