

MC15

USER MANUAL

CONTENTS

| | |
|------------------------------|----|
| 01/ Safety | 1 |
| 02/ Introduction..... | 3 |
| 2.1 Feature..... | 3 |
| 2.2 Specification..... | 3 |
| 03/Photometrics..... | 4 |
| 04/Color&Gobo..... | 5 |
| 05/Dimension..... | 6 |
| 06/ Overview | 7 |
| 07/ Connection..... | 8 |
| 7.1 Power Connection..... | 8 |
| 7.2 Internet Connection..... | 9 |
| 7.3 DMX Connection..... | 9 |
| 08/ Installation..... | 11 |
| 09/ Menu..... | 12 |
| 10/ DMX Chart..... | 15 |
| 11/ Maintenance..... | 23 |
| 12/ Troubleshooting..... | 23 |



WARNING! Before carrying out any operations with the unit, carefully read this instruction manual and keep it with care for future reference. It contains important information about the installation, usage and maintenance of the unit.



1. SAFETY

General instruction

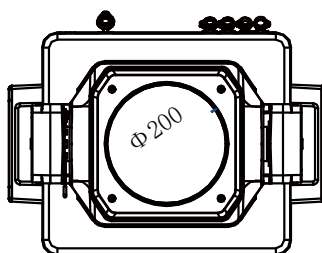
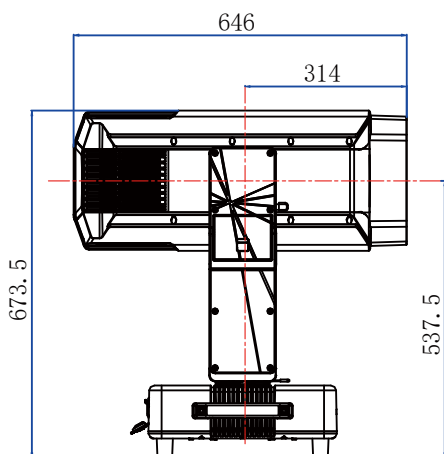
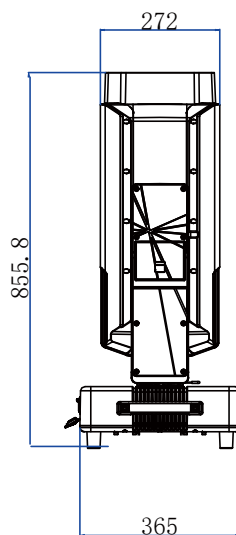
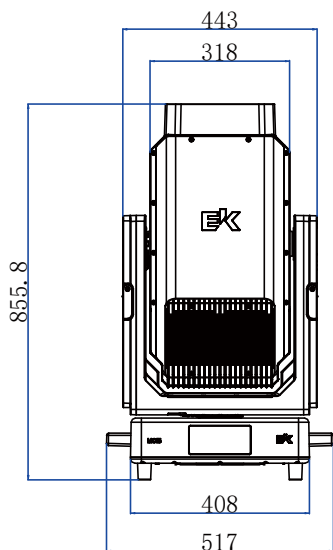
- The products referred to in this manual conform to the European Community Directives and are therefore marked with **CE**.
- The unit is supplied with hazardous network voltage (230V~). Leave servicing to skilled personnel only. Never make any modifications on the unit not described in this instruction manual, otherwise you will risk an electric shock.
- Connection must be made to a power supply system fitted with efficient earthing (Class I appliance according to standard EN 60598-1). It is, moreover, recommended to protect the supply lines of the units from indirect contact and/or shorting to earth by using appropriately sized residual current devices.
- The connection to the main network of electric distribution must be carried out by a qualified electrical installer. Check that the main frequency and voltage correspond to those for which the unit is designed as given on the electrical data label.
- This unit is not for home use, only professional applications.
- Never use the fixture under the following conditions:
 - in places subject to vibrations or bumps;
 - in places with a temperature of over 40 °C.
- Make certain that no inflammable liquids, water or metal objects enter the fixture.
- Do not dismantle or modify the fixture.
- All work must always be carried out by qualified technical personnel. Contact the nearest sales point for an inspection or contact the manufacturer directly.
- If the unit is to be put out of operation definitively, take it to a local recycling plant for a disposal which is not harmful to the environment.



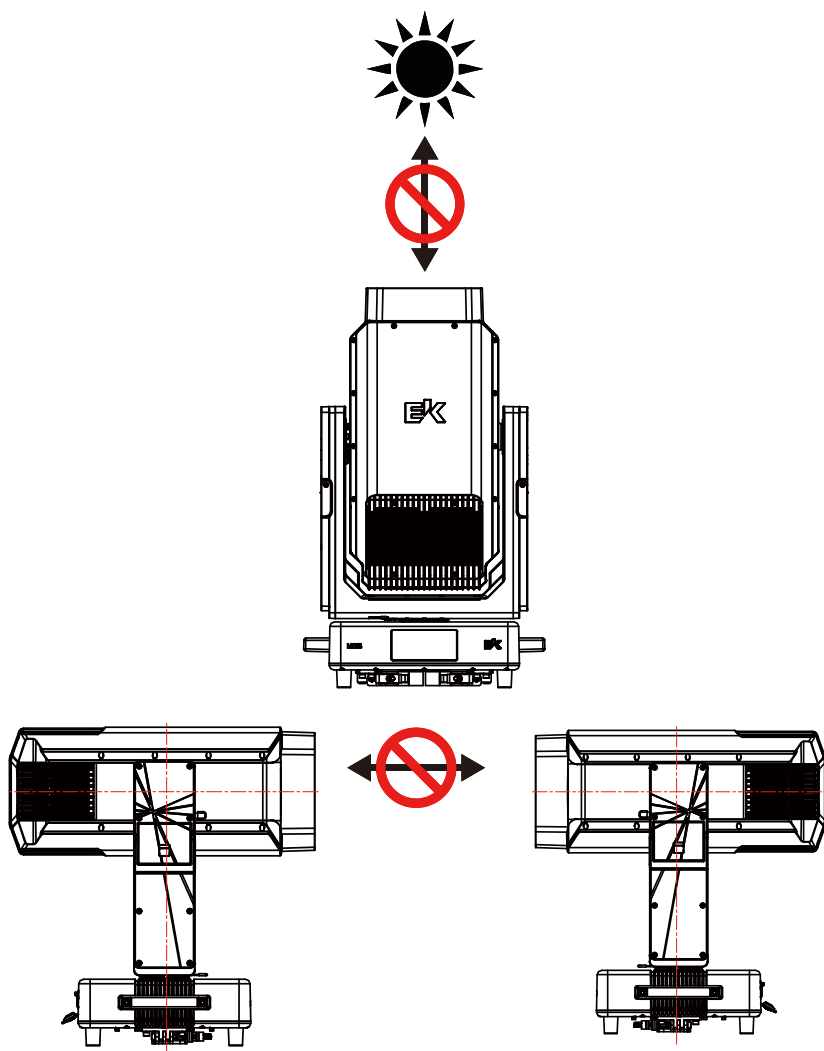
Warnings and installation precautions

- If this device will be operated in any way different to the one described in this manual, it may suffer damage and the guarantee becomes void. Furthermore, any other operation may lead to dangers like short circuit, burns, electric shock, etc.
- Before starting any maintenance work or cleaning the projector, cut off power from the main supply.
- Always additionally secure the projector with the safety rope. When carrying out any work, always comply scrupulously with all the regulations (particularly regarding safety) currently in force in the country in which the fixture's being used.
- Install the fixture in a well ventilated place.
- Keep any inflammable material at a safe distance from the fixture.
- Shields, lenses or ultraviolet screens shall be changed if they have become damaged to such an extent that their effectiveness is impaired.
- The lamp (LED) shall be changed if it has become damaged or thermally deformed.
- Never look directly at the light beam. Please note that fast changes in lighting, e. g. flashing light, may trigger epileptic seizures in photosensitive persons or persons with epilepsy.
- Do not touch the product's housing when operating because it may be very hot.

5. DIMENSION



- Do not expose the front of a fixture to sunlight or any other strong light source.
Avoid pointing other high-powered beam lights directly at the fixture.
- Do not focus a light beam from one lighting fixture directly towards another.
- For outdoor applications during daylight, make sure that the front face of any fixture is shielded or points away from the sun, even when not in use.
- Do not expose the product to heat (from other lighting fixtures for example).



2. INTRODUCTION

2.1 FEATURES

- 1500W 6-color LED engine
- Up to 34000lumens output
- Ultra-wide zoom range: 4.4°~52°
- Linear CCT: 1800K ~ 10000K
- Razor sharp shutter framing and elegant gobo shaping
- CRI:98, Ra:99, TM-30-15rf/rg 95/100, TLCI 99
- Whisper-quiet operation
- Rugged IP66 tour-graded construction

2.2 SPECIFICATION

Light Source: 1500W 6-color LED engine

Colour Temperature: 1800-10000k

Output:>34000Lm

CRI:98, R9:99

PAN:540°, TILT:210°

Beam angle: 4.4°~52°

Framing System: Single blade $\pm 35^\circ$, rotatable 180°

Gobo System1 : Rotating gobo wheel 1(6 gobos+open)

Gobo System2 : Rotating gobo wheel 2(6 gobos+open)

Animation: Animation wheel with variable speed

Prism: Bi-directional adjustable-speed 4 facet+linear prism

Frost :1°+5° 0 ~ 100% frost

Strobe:1-30HZ

Dimming: 4 dimming curves , 22Bit

Power supply: 100 ~ 240VAC (50HZ) 1900W

Protocol: DMX512/RDM/sACN/Artnet/CRMX/Bluetooth/APP/NFC

DMX channel:50CH/42CH/44CH/60CH

Ambient: -10 ~ 45 °C

Cooling: Heat pipe and low noise IP fan

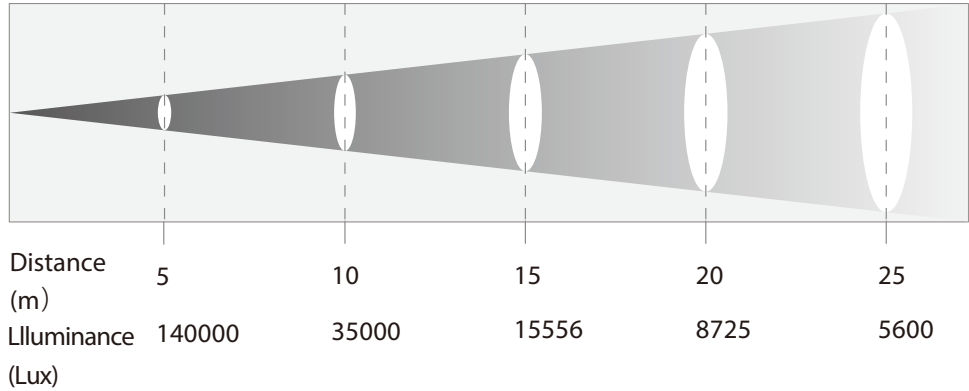
Dimension: 517 x 365 x 856mm

Weight: 47Kg

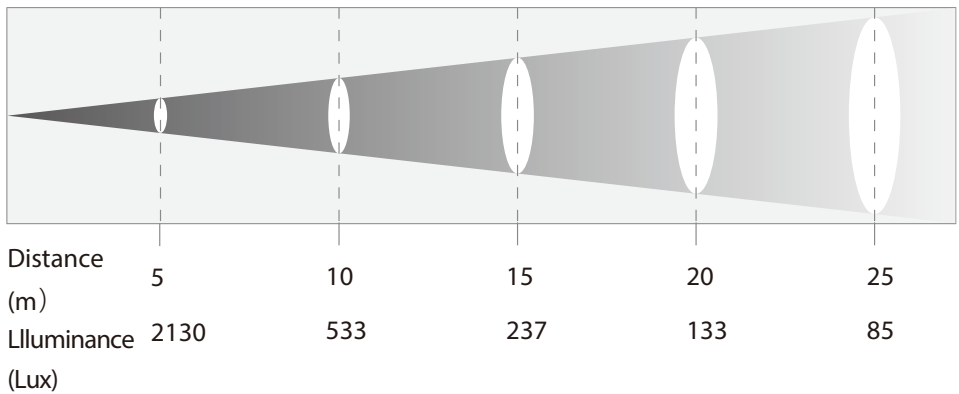
IP Rating: IP66

3. PHOTOMETRICS

Beam Angle 4.4°

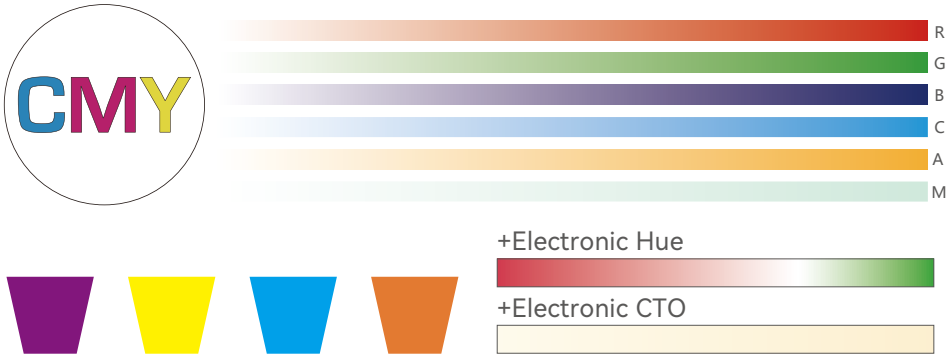


Beam Angle 52°



4. COLOR&GOBO

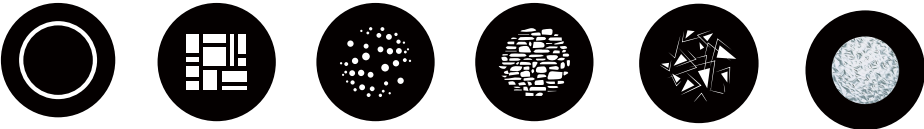
Color System



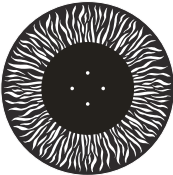
Rotating Gobo 1



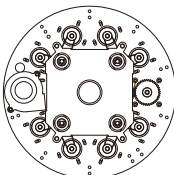
Rotating Gobo 2



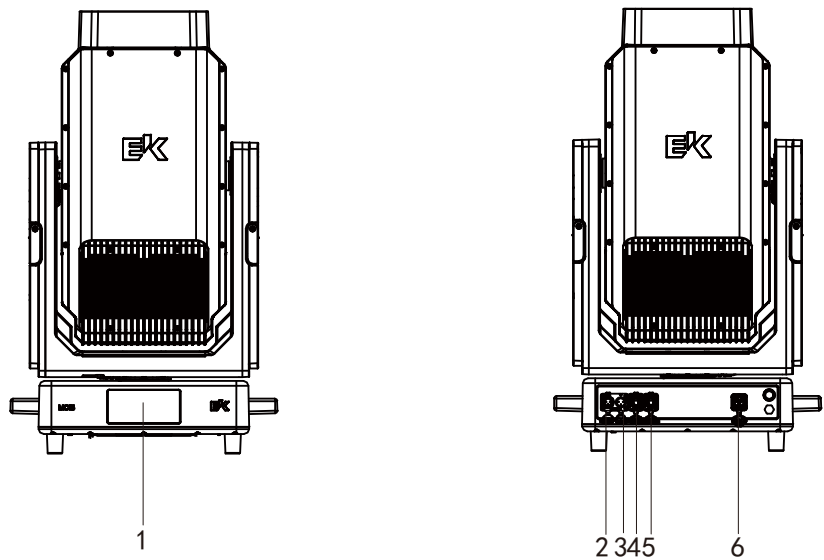
Animation



Frame Shutter



6. OVERVIEW



1. Display 2. DMX In 3. DMX Out 4. RJ45 In 5. RJ45 Out 6. Power In

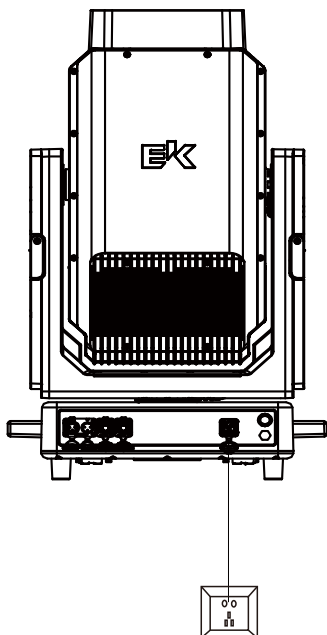
| Control Panel | Illustration | Description | Effect |
|---------------|--------------|-------------|------------------------|
| MENU | Menu Option | Enter Menu | Menu Operation |
| UP | Up | Scroll Up | Increase Numeric Value |
| DOWN | Down | Scroll Down | Decrease Numeric Value |
| √ | Confirm | Confirm | Save Setting |

If you want to flip the display, hold UP + DOWN buttons for 3seconds to set display orientation.

Without external power source, long press the right button for 3 seconds, enter the menu to set parameters.

7. CONNECTION

7.1 Power Connection



Power In

Connect 2.5mm² Power cable with PowerCon In to mains.

Attention:

Due to the power rating, one power cable can connect 1 unit maximum.

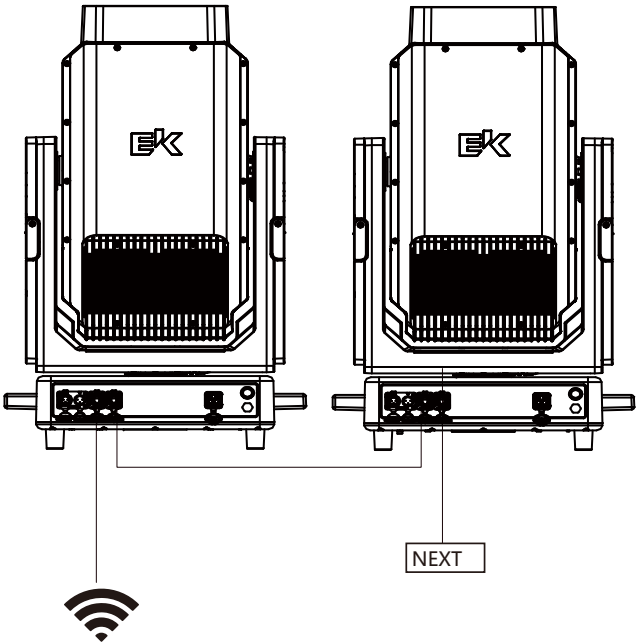


Do not connect more than 1 unit in series with one power cable

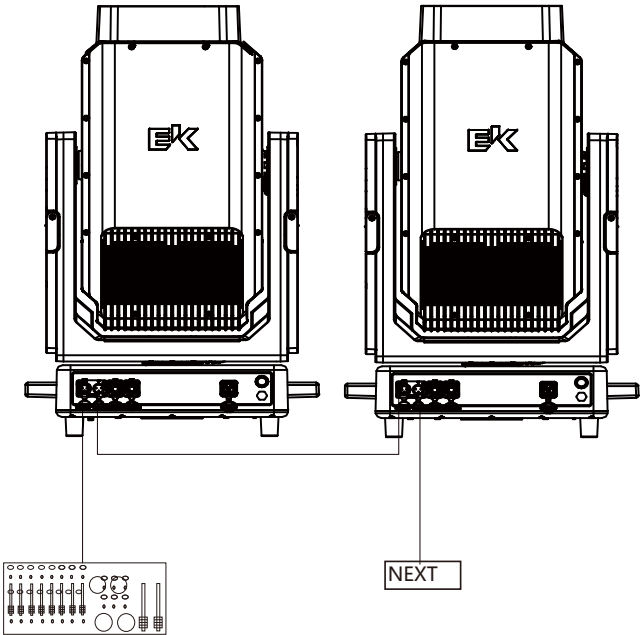
Do not use damage power cable

Power off the fixture when not in use

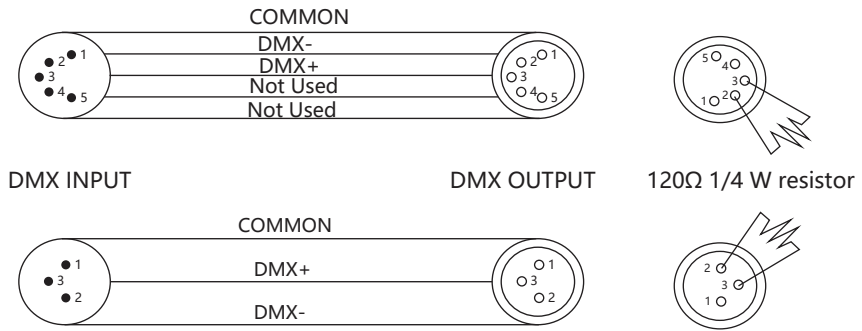
7.2 Network Connection



7.3 DMX Connection



- Depending on the length of the DMX cable run, or other factors, it may be advisable to install a terminator at the last fixture in the run.
- The illustration below shows the correct placement of a 120Ω 0.25W resistor in a terminator, as well as the standard DMX signal pin-outs



EXAMPLE OF DMX ADDRESSING

The below table shows an example of starting addresses for four fixtures assuming a first fixture with starting address of 001.

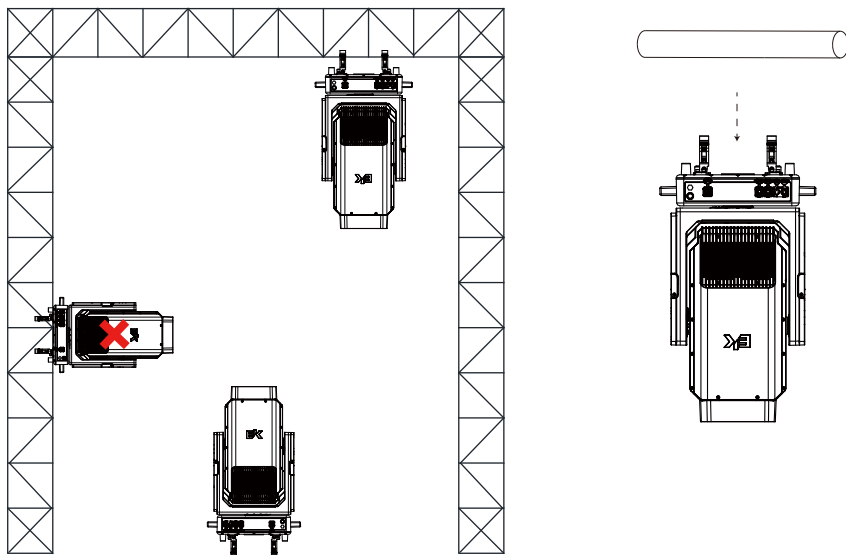
The actual starting addresses will be determined by the operator as needed to match external controller settings.

Relation between DMX and Address

| MODE | Allocation | Address of 1st fixture | Address of 2nd fixture | Address of 3rd fixture | Address of 4th fixture |
|------|------------|------------------------|------------------------|------------------------|------------------------|
| 60CH | 001 - 060 | 001 | 061 | 121 | 181 |

Follow above method for subsequent fixtures, calculating starting addressed as indicated.

8. INSTALLATION



When carrying out any installation, always comply scrupulously with all the regulations (particularly regarding safety) currently in force in the country in which the fixtures being used. General guidelines as below for your note:

1. Always mount this product in a safe position and make sure there is adequate room for ventilation, configuration and maintenance.
2. Keep any inflammable materials at a safe distance from the fixture, as indicated in the safety notes.
3. Make sure that the device is not exposed to extreme heat, moisture or dust.
4. Make sure that the structure to which you are hanging the modules can support the weight.
5. Install the fixture at a suitable location by means of the mounting bracket
6. Always additionally secure the fixture with the safety rope from falling down.
7. Adjust the fixture and use the knob to slightly release or tighten the locking mechanism of the bracket if is necessary.

9. MENU

9.1 MC15 MENU

| \ | Main Menu | Menu level 2 | Menu level 3 | Menu level 4 | Menu level 5 | Default |
|---|------------------|------------------|--------------------------------|---|--------------|---------------|
| 1 | DMX Setting | DMX Address | 1~512 | | | 1 |
| | | DMX Channel | 50CH-RGBCAM | | | 60CH-Extended |
| | | | 42CH-XY | | | |
| | | | 44CH-CMY | | | |
| | | | 60CH-Extended | | | |
| 2 | Wireless Setting | Wireless On/Off | Off On | | | Off |
| | | Wireless Mode | Transmitter Receiver | | | Receiver |
| | | TX Mode | G3 G4S CRMX | | | CRMX |
| | | TX Link | Link Unlink | | | / |
| | | RX Reset | No Yes | | | / |
| | | Wireless To DMX | Off On | | | Off |
| | | | | | | |
| 3 | Ethernet Setting | Protocol | Artnet sACN | | | Artnet |
| | | IP Address | xxx.xxx.xxx.xxx | | | / |
| | | IP Mask | xxx.xxx.xxx.xxx | | | / |
| | | Universe | 0-65535 (Artnet)1-65535 (sACN) | | | 0 |
| | | Net To DMX | Off On | | | Off |
| | | Net To WDMX | Off On | | | Off |
| 4 | Settings | Movement Setting | Pan Reverse | Off On | | Off |
| | | | Tilt Reverse | Off On | | Off |
| | | | Swap Pan/Tilt | Off On | | On |
| | | | Encoder Pan/Tilt | Off On | | Off |
| | | | Absolute Encoder | Off On | | On |
| | | | | | | |
| | | Color Mode | RGBW Mode CMY Mode | | | RGBW Mode |
| | | Dimmer Setting | Dimmer Mode | Off Dimmer 1 Dimmer 2 Dimmer 3 | | Off |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | Dimmer Curve | Linear Square Inverse Square S Curve | | Square |
| | | | | | | |
| | | | | | | |
| | | | | | | |

9. 2 MC15 MENU

| | | | | | | | | |
|---|----------|------------------|-------------------|------------------------|------------------|-------|---------|---------|
| 4 | Settings | LED Setting | LED Frequency | 600Hz | | | 2000 Hz | |
| | | | | 1200 Hz | | | | |
| | | | | 2000 Hz | | | | |
| | | | | 4000 Hz | | | | |
| | | | | 6000 Hz | | | | |
| | | | 25KHz | | | | | |
| | | Red Shift | | Off | | | Off | |
| | | | | On | | | | |
| | | Fan Mode | Auto | | | Auto | | |
| | | | On | | | | | |
| | | | Off | | | | | |
| | | | Silent | | | | | |
| | | Reset Setting | All | | | / | | |
| | | | P/TXY | | | / | | |
| | | | Head | | | / | | |
| | | Display Setting | Back Light | Off | | | Off | |
| | | | | On | | | | |
| | | | Flip Display | No | | | No | |
| | | | | Yes | | | | |
| | | | | Auto | | | | |
| | | | Warn Cue | Off | | | On | |
| | | | | On | | | | |
| | | | Key Lock | No | | | Yes | |
| | | Yes | | | | | | |
| | | Temperature Unit | °C | | | °C | | |
| | | | °F | | | | | |
| 5 | TEST | Channel | | | | / | | |
| | | | | | | / | | |
| | | | | | | / | | |
| | | AUTO | Pan/TiltX | | | | | |
| | | | Head | | | | | |
| | | | All | | | | | |
| 6 | ADVANCED | Code:xxx | Color Calibration | Off | | | Off | |
| | | | | | User Calibration | Red | | 125~255 |
| | | | | | | Green | | 125~255 |
| | | | | | | Blue | | 125~255 |
| | | | | | | Cyan | | 125~255 |
| | | | | | | Amber | | 125~255 |
| | | | | Mint | 125~255 | | | |
| | | | | Factory Calibration | | | | |
| | | | Calibration | Pan Offset | | | 128 | |
| | | | | Tilt Offset | | | 128 | |
| | | | | Gobo1 Offset | | | 128 | |
| | | | | RGobo1 Offset | | | 128 | |
| | | | | Gobo2 Offset | | | 128 | |
| | | | | RGobo2 Offset | | | 128 | |
| | | | | Prism1 Offset | | | 128 | |
| | | | | RPrism1 Offset | | | 128 | |
| | | | | Prism2 Offset | | | 128 | |
| | | | | RPrism2 Offset | | | 128 | |
| | | | | Effect Offset | | | 128 | |
| | | | | Focus Offset | | | 128 | |
| | | | | Zoom Offset | | | 128 | |
| | | | | Frost1 Offset | | | 0 | |
| | | | | Frost2 Offset | | | 0 | |
| | | | | Iris Offset | | | 128 | |
| | | | | Shutters Rot. Offset | | | 128 | |
| | | | | Fr.shutter 1 M1 Offset | | | 0 | |
| | | | | Fr.shutter 1 M2 Offset | | | 0 | |
| | | | | Fr.shutter 2 M1 Offset | | | 0 | |
| | | | | Fr.shutter 2 M2 Offset | | | 0 | |
| | | | | Fr.shutter 3 M1 Offset | | | 0 | |
| | | | | Fr.shutter 3 M2 Offset | | | 0 | |
| | | | | Fr.shutter 4 M1 Offset | | | 0 | |
| | | | | Fr.shutter 4 M2 Offset | | | 0 | |
| | | | | Factory Reset | No | | | / |
| | | | | | Yes | | | |

9.3 MC15 MENU

| | | | | | | | |
|---|-------------|---------------|-----------------|--------|--|--|---|
| 7 | Information | System Errors | | | | | / |
| | | Time | Fixture Hours | 65535H | | | 0 |
| | | | Led Hours | 65535H | | | 0 |
| | | Version | DISP-V1.0 | | | | / |
| | | | CTR1-X-V1.0 | | | | / |
| | | | CTR2-Y-V1.0 | | | | / |
| | | | CTR3-MOTOR-V1.0 | | | | |
| | | | CTR4-MOTOR-V1.0 | | | | |
| | | | CTR5-MOTOR-V1.0 | | | | |
| | | | CTR6-LED-V1.0 | | | | / |
| | | DMX Monitor | | | | | |
| | | Temperature | LED1: 40°C | | | | / |
| | | | LED2: 40°C | | | | / |
| | | Humidity | 25% | | | | / |
| | | Pressure | 80kpa | | | | / |
| | | UID: | ***** | | | | / |

10. 2 MC15 DMX Chart

| | | | | | | |
|----|---|----|----|--------------|---------|------------------|
| 12 | / | / | 12 | Blue | 000-255 | |
| 13 | / | / | 13 | Blue Fine | 000-255 | |
| 14 | / | / | 14 | Cyan | 000-255 | |
| 15 | / | / | 15 | Cyan Fine | 000-255 | |
| 16 | / | / | 16 | Amber | 000-255 | |
| 17 | / | / | 17 | Amber Fine | 000-255 | |
| 18 | / | / | 18 | Mint | 000-255 | |
| 19 | / | / | 19 | Mint Fine | 000-255 | |
| / | / | 8 | 20 | Cyan | | |
| / | / | 9 | 21 | Cyan Fine | | |
| / | / | 10 | 22 | Magenta | | |
| / | / | 11 | 23 | Magenta Fine | | |
| / | / | 12 | 24 | Yellow | | |
| / | / | 13 | 25 | Yellow Fine | | |
| 20 | 8 | 14 | 26 | Color Macro | 000-005 | No Function |
| | | | | | 006-013 | C3050-Md Yellow |
| | | | | | 014-021 | C3040-Lt Yellow |
| | | | | | 022-028 | C3240-Amb Yellow |
| | | | | | 029-035 | C2340-VLt Amber |
| | | | | | 036-043 | C2040-Lt Amber |
| | | | | | 044-051 | C2050-Md Amber |
| | | | | | 052-059 | C2060-Dk Amber |
| | | | | | 060-067 | C1050-Lt Red |
| | | | | | 068-075 | C1080-Md Red |
| | | | | | 076-083 | C1020-NC Pink |
| | | | | | 084-091 | C1030-Md Pink |
| | | | | | 092-099 | C1630-Dk Pink |

10.3 MC15 DMX Chart

| | | | | | | |
|----|----|----|----|--------|--------------------|------------------------------|
| 20 | 8 | 14 | 26 | | 100-107 | C1250-Md Red Amber |
| | | | | | 108-115 | C1060-Dk Red Amber |
| | | | | | 116-121 | C1650-Magenta |
| | | | | | 122-130 | C6170-Dk Magenta |
| | | | | | 131-138 | C6020-Lt Lavender |
| | | | | | 139-146 | C5030-Lt Blue |
| | | | | | 147-154 | C5020-VLt Blue |
| | | | | | 155-162 | C5430-Lt Blue2 |
| | | | | | 163-170 | C5070-Blue |
| | | | | | 171-178 | C5050-Md Blue |
| | | | | | 179-186 | C5060-Dk Blue |
| | | | | | 187-194 | C5690-Indigo |
| | | | | | 195-202 | C5080-VDk Blue |
| | | | | | 203-210 | C5081-VdK Blue2 |
| | | | | | 211-218 | C4370-Yel Green |
| | | | | | 219-226 | C4070-Green |
| | | | | | 227-234 | C4550-Turquoise |
| | | | | | 235-242 | C4560-Aqua |
| | | | | | 243-250 | C4570-Blue Green |
| | | | | | 251-255 | No Function |
| 21 | 9 | 15 | 27 | CTO | 000-005 006-013 | No Function 2800K - 2900K |
| / | 10 | / | 28 | X | | |
| / | 11 | / | 29 | X Fine | | |
| / | 12 | / | 30 | Y | | |
| / | 13 | / | 31 | Y Fine | | |
| 22 | 14 | 16 | 32 | HUE | 000-255 | 0%-100% |

10. 4 MC15 DMX Chart

| | | | | | | |
|----|----|----|----|-------------|---------|----------------------------|
| 23 | 15 | 17 | 33 | Color Wheel | 000-010 | Open |
| | | | | | 011-023 | Open + Color1 |
| | | | | | 024-036 | Color 1 |
| | | | | | 037-049 | Color 1 + Color 2 |
| | | | | | 050-062 | Color 2 |
| | | | | | 063-075 | Color 2 + Color 3 |
| | | | | | 076-088 | Color 3 |
| | | | | | 089-101 | Color 3 + Color 4 |
| | | | | | 102-114 | Color 4 |
| | | | | | 115-127 | Color 4 + Open |
| | | | | | 128-190 | Fast to Slow(Forward Spin) |
| | | | | | 191-192 | Stop (Stop Rotation) |
| | | | | | 193-255 | Slow to Fast(Revers Spin) |
| | | | | | 000-010 | Open |
| 24 | 16 | 18 | 34 | Gobo1 | 011-020 | Gobo1 |
| | | | | | 021-030 | Gobo2 |
| | | | | | 031-040 | Gobo3 |
| | | | | | 041-050 | Gobo4 |
| | | | | | 051-060 | Gobo5 |
| | | | | | 061-071 | Gobo6 |
| | | | | | 072-113 | Fast to Slow(Revers Spin) |
| | | | | | 114-117 | Stop (Stop Rotation) |
| | | | | | 118-159 | Slow to Fast(Forward Spin) |
| | | | | | 160-175 | Gobo1 Shaking Slow to Fast |
| | | | | | 176-191 | Gobo2 Shaking Slow to Fast |
| | | | | | 192-207 | Gobo3 Shaking Slow to Fast |
| | | | | | 208-223 | Gobo4 Shaking Slow to Fast |
| | | | | | 224-239 | Gobo5 Shaking Slow to Fast |
| | | | | | 240-255 | Gobo6 Shaking Slow to Fast |
| 25 | 17 | 19 | 35 | RGobo1 | 000-127 | 0 - 540 Position |
| | | | | | 128-190 | Fast to Slow(Forward Spin) |
| | | | | | 191-192 | Stop (Stop Rotation) |
| | | | | | 193-255 | Slow to Fast(Revers Spin) |

10. 5 MC15 DMX Chart

| | | | | | | |
|----|----|----|----|---------|---------|----------------------------|
| 26 | 18 | 20 | 36 | Gobo2 | 000-010 | Open |
| | | | | | 011-020 | Gobo1 |
| | | | | | 021-030 | Gobo2 |
| | | | | | 031-040 | Gobo3 |
| | | | | | 041-050 | Gobo4 |
| | | | | | 051-060 | Gobo5 |
| | | | | | 061-071 | Gobo6 |
| | | | | | 072-113 | Fast to Slow(Revers Spin) |
| | | | | | 114-117 | Stop (Stop Rotation) |
| | | | | | 118-159 | Slow to Fast(Forward Spin) |
| | | | | | 160-175 | Gobo1 Shaking Slow to Fast |
| | | | | | 176-191 | Gobo2 Shaking Slow to Fast |
| | | | | | 192-207 | Gobo3 Shaking Slow to Fast |
| | | | | | 208-223 | Gobo4 Shaking Slow to Fast |
| | | | | | 224-239 | Gobo5 Shaking Slow to Fast |
| | | | | | 240-255 | Gobo6 Shaking Slow to Fast |
| 27 | 19 | 21 | 37 | RGobo2 | 000-127 | 0 - 540 Position |
| | | | | | 128-190 | Fast to Slow(Forward Spin) |
| | | | | | 191-192 | Stop (Stop Rotation) |
| | | | | | 193-255 | Slow to Fast(Revers Spin) |
| 28 | 20 | 22 | 38 | Prism1 | 000-127 | Prism Excluded |
| | | | | | 128-255 | Prism Inserted |
| 29 | 21 | 23 | 39 | RPrism1 | 000-127 | 0 - 540 Position |
| | | | | | 128-190 | Fast to Slow(Forward Spin) |
| | | | | | 191-192 | Stop (Stop Rotation) |
| | | | | | 193-255 | Slow to Fast(Revers Spin) |
| 30 | 22 | 24 | 40 | Prism2 | 000-127 | Prism Excluded |
| | | | | | 128-255 | Prism Inserted |
| 31 | 23 | 25 | 41 | RPrism2 | 000-127 | 0 - 540 Position |
| | | | | | 128-190 | Fast to Slow(Forward Spin) |
| | | | | | 191-192 | Stop (Stop Rotation) |
| | | | | | 193-255 | Slow to Fast(Revers Spin) |

10. 6 MC15 DMX Chart

| | | | | | | |
|----|----|----|----|------------|---------|--------------------------------------|
| 32 | 24 | 26 | 42 | Frost | 000-255 | Frost 0->100% |
| 33 | 25 | 27 | 43 | Effect | 000-127 | Effect Excluded |
| | | | | | 128-255 | Effect Inserted |
| 34 | 26 | 28 | 44 | REffect | 000-003 | Effect Inserted |
| | | | | | 004-127 | Fast to Slow(Forward Spin) |
| | | | | | 128-132 | Stop (Stop Rotation) |
| | | | | | 133-255 | Slow to Fast(Revers Spin) |
| 35 | 27 | 29 | 45 | Iris | 000-127 | Maximum to Minimum Aperture |
| | | | | | 128-131 | Maximum Aperture |
| | | | | | 132-171 | Slow to Fast Pulsation |
| | | | | | 172-211 | Slow to Fast Pulsation, Fast Opening |
| | | | | | 212-251 | Slow to Fast Pulsation, Fast Closing |
| | | | | | 252-255 | Maximum Aperture |
| 36 | 28 | 30 | 46 | Focus | 000-255 | |
| 37 | 29 | 31 | 47 | Focus Fine | 000-255 | |
| 38 | 30 | 32 | 48 | Zoom | 000-255 | |
| 39 | 31 | 33 | 49 | Zoom Fine | 000-255 | |

10. 7 MC15 DMX Chart

| | | | | | | | |
|----|----|----|----|------------------------------|---------|---|--------|
| 40 | 32 | 34 | 50 | Auto Focus | 000-010 | Auto Focus OFF | |
| | | | | | 011-020 | 4 metres | Hole |
| | | | | | 021-030 | 6 metres | |
| | | | | | 031-040 | 8 metres | |
| | | | | | 041-050 | 10 metres | |
| | | | | | 051-060 | 12 metres | |
| | | | | | 061-070 | 14 metres | |
| | | | | | 071-080 | 16 metres | |
| | | | | | 081-090 | 18 metres | |
| | | | | | 091-100 | 4 metres | RGobo1 |
| | | | | | 101-110 | 6 metres | |
| | | | | | 111-120 | 8 metres | |
| | | | | | 121-130 | 10 metres | |
| | | | | | 131-140 | 12 metres | |
| | | | | | 141-150 | 14 metres | |
| | | | | | 151-160 | 16 metres | |
| | | | | | 161-170 | 18 metres | |
| | | | | | 171-180 | 4 metres | RGobo2 |
| | | | | | 181-190 | 6 metres | |
| | | | | | 191-200 | 8 metres | |
| | | | | | 201-210 | 10 metres | |
| | | | | | 211-220 | 12 metres | |
| | | | | | 221-230 | 14 metres | |
| | | | | | 231-240 | 16 metres | |
| | | | | | 241-250 | 18 metres | |
| | | | | | 251-255 | Auto Focus OFF | |
| 41 | 33 | 35 | 51 | Framing Shutter 1 movent | 000-255 | Movement from outward to inward | |
| 42 | 34 | 36 | 52 | Framing Shutter 1 swivelling | 000-127 | Swivelling from -25 degrees towards 0 degrees | |
| | | | | | 128 | 0 degrees | |
| | | | | | 129-255 | Swivelling from 0 degrees to +25 degrees | |
| 43 | 35 | 37 | 53 | Framing Shutter 2 movent | 000-255 | Movement from outward to inward | |
| 44 | 36 | 38 | 54 | Framing Shutter 2 swivelling | 000-127 | Swivelling from -25 degrees towards 0 degrees | |
| | | | | | 128 | 0 degrees | |
| | | | | | 129-255 | Swivelling from 0 degrees to +25 degrees | |

10. 8 MC15 DMX Chart

| | | | | | | |
|----|----|----|----|------------------------------------|---------|---|
| 45 | 37 | 39 | 55 | Framing Shutter 3 movent | 000-255 | Movement from outward to inward |
| 46 | 38 | 40 | 56 | Framing Shutter 3 swivelling | 000-127 | Swivelling from -25 degrees towards 0 degrees |
| | | | | | 128 | 0 degrees |
| | | | | | 129-255 | Swivelling from 0 degrees to +25 degrees |
| 47 | 39 | 41 | 57 | Framing Shutter 4 movent | 000-255 | Movement from outward to inward |
| 48 | 40 | 42 | 58 | Framing Shutter 4 swivelling | 000-127 | Swivelling from -25 degrees towards 0 degrees |
| | | | | | 128 | 0 degrees |
| | | | | | 129-255 | Swivelling from 0 degrees to +25 degrees |
| 49 | 41 | 43 | 59 | Framing Shutters Rotation | 000-127 | Rotation from left to center |
| | | | | | 128 | Center |
| | | | | | 129-255 | Rotation from center to right |

11. MAINTENANCE

MAINTENANCE AND CLEANING THE UNIT

- Make sure the area below the installation place is free from unwanted persons during setup.
- Switch off the unit, unplug the main cable and wait until the unit has cooled down.
- All screws used for installing the device and any of its parts should be tightly fastened and should not be corroded.
- Housings, fixations and installation spots (ceiling, trusses, suspensions) should be totally free from any deformation.
- The main cables must be in impeccable condition and should be replaced immediately even when a small problem is detected.
- It is recommended to clean the front at regular intervals, from impurities caused by dust, smoke, or other particles to ensure that the light is radiated at maximum brightness. For cleaning, disconnect the main plug from the socket. Use a soft, clean cloth moistened with a mild detergent. Then carefully wipe the part dry. For cleaning other housing parts use only a soft, clean cloth. Never use a liquid, it might penetrate the unit and cause damage to it.

12. TROUBLESHOOTING

| Problems | Possible causes | Checks and remedies |
|---------------------------------|---|---|
| Fixture does not light up | <ul style="list-style-type: none">• No mains supply• Dimmer fader set to 0• All color faders set to 0• Faulty LED• Faulty LED board | <ul style="list-style-type: none">• Check the power supply voltage• Increase the value of the dimmer channels• Increase the value of the color channels• Replace the LED board• Replace the LED board |
| General low light intensity | <ul style="list-style-type: none">• Dirty lens assembly• Misaligned lens assembly | <ul style="list-style-type: none">• Clean the fixture regularly• Install lens assembly properly |
| Fixture does not power up | <ul style="list-style-type: none">• No power• Loose or damaged power cord• Faulty internal power supply | <ul style="list-style-type: none">• Check for power on power outlet• Check power cord• Replace internal power supply |
| Fixture does not respond to DMX | <ul style="list-style-type: none">• Wrong DMX addressing• Damaged DMX cables• Bouncing signals | <ul style="list-style-type: none">• Check control panel and unit addressing• Check DMX cables• Install terminator as suggested |

Contact an authorized service center in case of technical problems or not reported in the table can not be resolved by the procedure given in the table.



广东熠日科技股份有限公司

地址：广东省中山市翠亨新区中准道55号 邮编：528400

电话：(0760) 88280099 传真：(020) 66609088

www.eklights.com