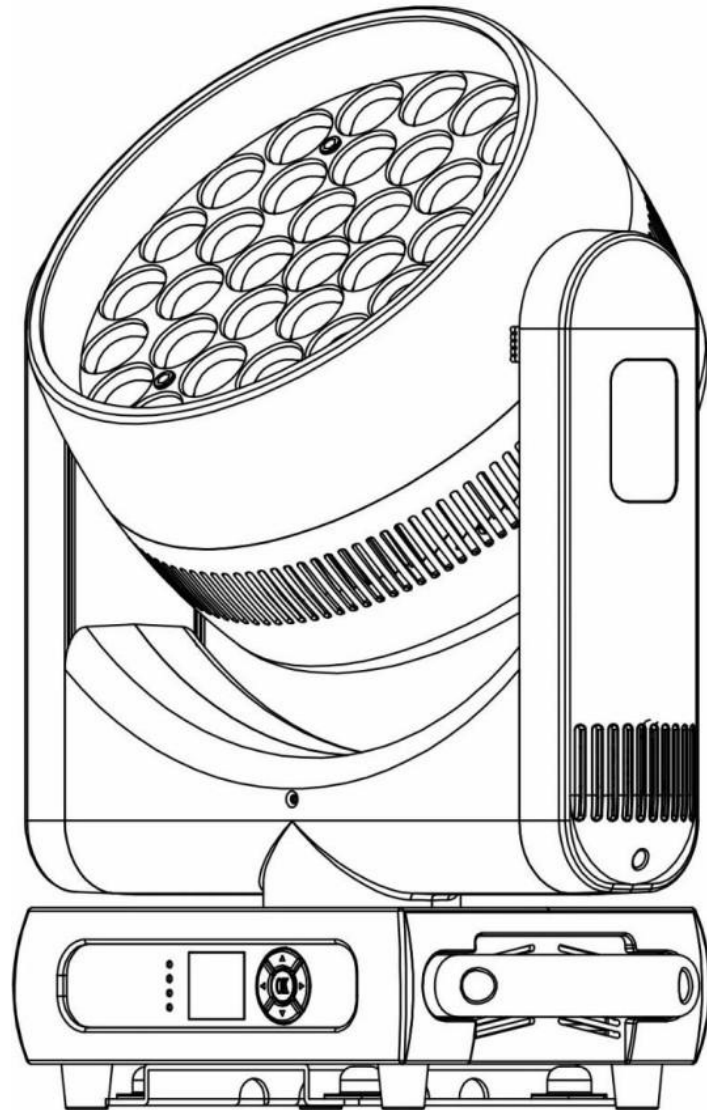


# 3715 LED WASH LIGHT



## USER MANUAL

KEEP THIS USER MANUAL FOR FUTURE NEEDS



Thank you for your patronage!

We are confident that our excellent products and service can satisfy you.

For your own safety, please read this user manual carefully before installing the device.

In order to install, operate, and maintain the lighting safety correctly.

We suggest that the installation and operation should be done by the verified technician and follow the instruction strictly.



**CAUTION!**

Keep this device away from rain and moisture!



**CAUTION!**

Unplug mains lead before device's installation, cleaning and maintenance!

Every person involved with the installation, operation and maintenance of device has to:

-be qualified

-follow carefully the instructions of this manual

## INTRODUCTION

Thank you for having chosen this professional moving head.

You will see you have acquired a powerful and versatile device.

Unpack the device. Inside the carton box you should find:

1. One power in cable
2. One 3 Pin DMX cable(5 Pin optional)
3. Folding Clamps
4. One safety rope
5. One English user manual

(Flight case is optional, please contact your dealer)

Please check carefully that there is no damage caused by transportation. Should there be any questions, please consult your dealer and don't install this device.

## GENERAL GUIDELINES

This device is a lighting effect for a professional use on stages, TV, in discotheques, theaters, etc., The device was designed for indoor use only.

This fixture is only allowed to be operated with the max alternating current which stated in the technical specifications in 6<sup>th</sup> page of this manual.

Lighting effects are not designed for permanent operation. Consistent operation breaks may ensure that the device will serve you for a long time without defects.

Do not shake the device. Avoid brute force when installing or operating the device.

While choosing the installation-spot, please make sure that the device is not exposed to extreme heat, moisture or dust. Please don't project the beam onto combustible substances. The minimum distance between light-output from the projector and the illuminated surface must be more than 0,5 meter.

If you use the quick lock cam in hanging up the fixture, please make sure the quick lock fasteners turned in the quick lock holes correctly.

Operate the device only after having familiarized with its functions. Do not permit operation by persons not qualified for operating the device. Most damages are the result of unprofessional operation.

Please use the original packaging if the device is to be transported.

For safety reasons, please be aware that all modifications on the device are forbidden. If this device will be operated in any way different to the one described in this manual, the product may suffer damages and the guarantee becomes void. Furthermore, any other operation may lead to short-circuit, burns, electric shock, crash, etc.

## SAFETY INSTRUCTIONS



### CAUTION!

Be careful with your operations. With a dangerous voltage you can suffer a dangerous electric shock when touching wires!

This device has left the factory in perfect condition. In order to maintain this condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this user manual.

1. In order to guarantee the product's life, please don't put it in the damp places or even the environment over 60degrees.

2. Always mount this unit in safe and stable matter.

The qualified professionals are allowed to carry out the lamp installation, operation and maintenance, but they must guarantee to operate in strict accordance with the instructions referred to.

#### ▲ Important:

**Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems.**

If the device has been exposed to temperature changes due to environmental changes, do not switch it on immediately. The arising condensation could damage the device. Leave the device switched off until it has reached room temperatures.

This device falls under protection-class I . Therefore it is essential that the device be earthed.

The electric connection must carry out by qualified person.

Make sure the power cord is never crimped or damaged by sharp edges. If this would be the case, replacement of the cable must be done by an authorized dealer.

Always disconnect from the mains, when the device is not in use or before cleaning it. Only handle the power cord by the plug. Never pull out the plug by tugging the power cord.

During initial start-up some smoke or smell may arise. This is a normal process and does not necessarily mean that the device is defective, it should decrease gradually.

Please don't project the beam onto combustible substances.

If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.



**CAUTION!**

Never touch the device during operation!  
The housing may heat up!



**CAUTION!**

Never look directly into the light source,  
As sensitive persons may suffer an epileptic shock.

**Please be aware that damages caused by manual modifications to be the device are not subject to warranty. Keep away from children and non-professionals.**

## **CLEANING AND MAINTENANCE**

1. To reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.
2. Do not spill water or other liquids into or on to your unit.
3. During long periods of non-use, disconnect the unit's main power.
4. It should be installed in a well-ventilated place, at a distance of 50 centimeters or more with the walls. At the same time, please check if the fan and ventilation holes are unobstructed.

The following points have to be considered during the inspection

- 1) All screws for installing the devices or parts of the device have to be tightly connected and must not be corroded.
- 2) There must not be any deformations on the housing. Fixations and installations spots(ceiling, suspension, trussing).
- 3) Mechanically moved parts must not show any traces of wearing and must not rotate with unbalances.
- 4) The electric power supply cables must not show any damage, material fatigue or sediments. Further instructions depending on the installation spot and usage have to be adhered by a skilled installer and any safety problems have to be removed.



**CAUTION!**

Disconnect from mains before starting maintenance operation!

In order to make the lights in good condition and extend the life time, we suggest a regular cleaning to the lights.

- 1) Clean the inside and outside lens each week to avoid the weakness of the lights due to accumulation of dust.
- 2) Clean the fan each week.
- 3) A detailed electric check by approved electrical engineer each three month, make sure that the circuit contacts are in good condition, prevent the poor contact of circuit from overheating.

We recommend a frequent cleaning of the device.

Please use a moist, lint-free cloth. Never use alcohol or solvents !

## TECHNICAL PARAMETERS

### POWER SUPPLY

AC 100~240V,50/60Hz

Power Consumption: 500W

### LIGHT SOURCE

37x15W RGBW 4in 1LED

Zoom Range: 10°~60°

Movement: Pan: 540° Tilt: 270°

Pan/Tilt Resolution: 16bit

Dimming/Strobe: 0~100% smooth dimming, variable strobe speeds

### CONTROL

DMX Channel: 37/21/15/10/11/25 Ch(Robin 600 Compatible)

Control Mode: DMX, RDM, Master/Slave

Firmware Upgrade: Update via DMX link

### BODY

Display: LCD display

Data In/Out: 3-pin&5-pin XLR

Power In/Out: Power Connector in/out

Protection Rating: IP20

Dimension: 430x246x512mm

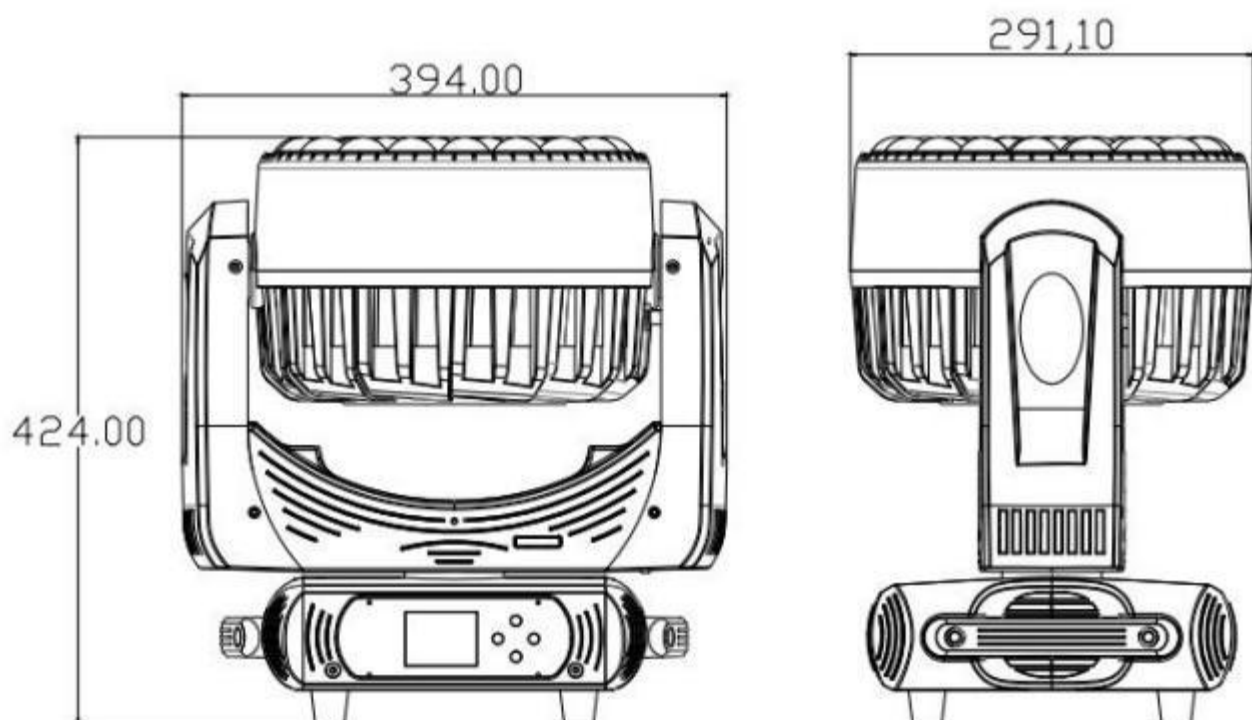
Weight: 19.5Kgs

### FEATURES

Electronic linear zoom system

Ring control, outstanding color macro effect

### Fixture Size



## Display panel and key definition



Menu key: Enter / return to the main menu

Up key: menu function up selection / parameter increment

Down key: menu function down selection / parameter decrement

Confirm key: select the menu function, confirm and save when the menu function parameters are modified.

## Menu functions

throughAfter the whole machine is reset after power on, press the menu key to enter the main menu (the main menu interface will exit after 30 seconds without operation). See the main menu function table for details(5 main menu options in total); Press the up or down key to select the main menu, press the OK key to enter and modify the functional parameters of each menu, and then press the OK key to save the current functional parameters (with power down memory after saving).

| Main menu         | Submenu                    | Menu function description                                                                                                                                  |
|-------------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1、System settings | 1. DMX address             | Modify the DMX address code up or down (the optional range of address code is 001-512), press the OK key to save, and the default is 001.                  |
|                   | 2. Encoder                 | Modify the encoder on / off up or down, press the OK key to save, and it is on by default.                                                                 |
|                   | 3. X reversal              | Modify the X reverse on / off up or down, press the OK key to save, and it will be closed by default.                                                      |
|                   | 4. Y reversal              | Modify the Y reverse on / off up or down, press the OK key to save, and it will be closed by default.                                                      |
| 2、Operation mode  | 1. Operation mode          | Select the operation mode dmx/ voice control / Auto up or down, press the OK key to save, and the default is DMX.                                          |
|                   | 2. Channel selection       | Select channels ch37a, ch21, CH15, ch10, ch37b, Ch18, ch25, ch46 up or down, and press the OK key to save. The default is Ch18.                            |
| 3、manual control  | 1、 X                       | Modify the operation parameter value of X motor up or down (adjustable range: 000-255), and press the OK key to save it. The default value is 000.         |
|                   | 2. X trim                  | Modify the fine-tuning parameter value of X motor up or down (adjustable range: 000-255), press the OK key to save, and the default value is 000.          |
|                   | 3、 Y                       | Modify the operation parameter value of Y motor up or down (adjustable range: 000-255), press the OK key to save, and the default value is 000.            |
|                   | 4. Y trim                  | Modify the fine-tuning parameter value of Y motor up or down (adjustable range: 000-255), press the OK key to save, and the default value is 000.          |
|                   | 5. XY speed                | Modify the XY motor running speed parameter value up or down (adjustable range: 000-255), press the OK key to save, and the default value is 000.          |
|                   | 6. Focusing                | Modify the operation parameter value of the focusing motor up or down (adjustable range: 000-255), press the OK key to save, and the default value is 000. |
|                   | 7. Dimming                 | Modify the dimming parameter value up or down (adjustable range: 000-255), and press the OK key to save it. The default value is 000.                      |
|                   | 8. Stroboscopic            | Modify the stroboscopic parameter value up or down (adjustable range: 000-255), press the OK key to save, and the default value is 000.                    |
|                   | 9. Foreground red          | Modify the red current value upward or downward (adjustable range: 000-255), and press the OK key to save it. The default value is 000.                    |
|                   | 10. Foreground green       | Modify the green current value up or down (adjustable range: 000-255), and press the OK key to save it. The default value is 000.                          |
|                   | 11. Foreground blue        | Modify the blue current value up or down (adjustable range: 000-255), and press the OK key to save it. The default value is 000.                           |
|                   | 12. Foreground color white | Modify the white current value up or down (adjustable range: 000-255), and press the OK key to save it. The default value is 000.                          |
|                   | 13. Color temperature      | Modify the color temperature up or down (adjustable range: 000-255), press the OK key to save, and the default value is 000.                               |



|                    |                                                                                                                 |                                                                                                                                                                                                                                            |                                                                                                                |
|--------------------|-----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
|                    | 14. Staining                                                                                                    | Modify the color dyeing value up or down (adjustable range: 000-255), and press the OK key to save. The default value is 000.                                                                                                              |                                                                                                                |
|                    | 15. Dynamic graph                                                                                               | Modify the color map up or down (adjustable range: 000-255), press the OK key to save, and the default value is 000.                                                                                                                       |                                                                                                                |
|                    | 16. Speed                                                                                                       | Modify the speed up or down (adjustable range: 000-255), press the OK key to save, and the default value is 000.                                                                                                                           |                                                                                                                |
|                    | 17. Background color red                                                                                        | Modify the red current value upward or downward (adjustable range: 000-255), and press the OK key to save it. The default value is 000.                                                                                                    |                                                                                                                |
|                    | 18. Background color green                                                                                      | Modify the green current value up or down (adjustable range: 000-255), and press the OK key to save it. The default value is 000.                                                                                                          |                                                                                                                |
|                    | 19. Background color blue                                                                                       | Modify the blue current value up or down (adjustable range: 000-255), and press the OK key to save it. The default value is 000.                                                                                                           |                                                                                                                |
|                    | 20. Background color white                                                                                      | Modify the white current value up or down (adjustable range: 000-255), and press the OK key to save it. The default value is 000.                                                                                                          |                                                                                                                |
|                    | 21. Reset                                                                                                       | When the parameter value is 150-255, the whole machine is reset. The parameter value of the console must be pulled below 10 and then pushed to 150-255 before it is useful. The parameter value of 000-149 is useless and cannot be reset. |                                                                                                                |
| 4、Display settings | 1. Language selection                                                                                           | Select Chinese /en (English) up or down, press OK to save, and the default is Chinese.                                                                                                                                                     |                                                                                                                |
|                    | 2. Inverted setting                                                                                             | Select up or down to close / open the inverted display setting, press the OK key to save, and it is closed by default.                                                                                                                     |                                                                                                                |
|                    | 3. Backlight setting                                                                                            | Select the off / on backlight setting up or down, press the OK key to save, and it is off by default.                                                                                                                                      |                                                                                                                |
|                    | 4. Software version                                                                                             | 066A                                                                                                                                                                                                                                       |                                                                                                                |
| 5、Factory settings | Please enter the password! Change it up or down to 138, and then press the OK key to enter the factory setting。 | 1. X-axis calibration                                                                                                                                                                                                                      | Modify the parameters up or down (range 000-255), and press OK to save. The default is 128.                    |
|                    |                                                                                                                 | 2. Y-axis calibration                                                                                                                                                                                                                      | Modify the parameters up or down (range 000-255), and press OK to save. The default is 128.                    |
|                    |                                                                                                                 | 3. Focusing calibration                                                                                                                                                                                                                    | Modify the parameters up or down (range 000-255), and press OK to save. The default is 128.                    |
|                    |                                                                                                                 | 4. Rotation calibration                                                                                                                                                                                                                    | Modify the parameters up or down (range 000-255), and press OK to save. The default is 128.                    |
|                    |                                                                                                                 | 5. Red                                                                                                                                                                                                                                     | Modify the red light bead current (032-255) up or down, and press the OK key to save it. The default is 220.   |
|                    |                                                                                                                 | 6. Green                                                                                                                                                                                                                                   | Modify the green light bead current (032-255) up or down, press the OK key to save, and the default is 220.    |
|                    |                                                                                                                 | 7. Blue                                                                                                                                                                                                                                    | Modify the blue light bead current (032-255) up or down, and press the OK key to save it. The default is 220.  |
|                    |                                                                                                                 | 8. White                                                                                                                                                                                                                                   | Modify the white light bead current (032-255) up or down, and press the OK key to save it. The default is 220. |
|                    |                                                                                                                 | 9. Current                                                                                                                                                                                                                                 | Select 000 /007 up or down, and press OK to save. The default is 004.                                          |
|                    |                                                                                                                 | 10. Speed                                                                                                                                                                                                                                  | Modify the speed parameter (range 001-007) up or down, press the OK key to save, and the default is 000.       |
|                    |                                                                                                                 | 11、Logo                                                                                                                                                                                                                                    | Select 000 /001 up or down, and press OK to save. The default is 000.                                          |
|                    |                                                                                                                 | 12.                                                                                                                                                                                                                                        | Modify the temperature parameter (range 045-075) up or down,                                                   |

|  |  |                       |                                                                                                           |
|--|--|-----------------------|-----------------------------------------------------------------------------------------------------------|
|  |  | Temperature           | and press the OK key to save it. The default is 065.                                                      |
|  |  | 13. Temperature - Fan | Select turn off / turn on fan control up or down, press OK to save, and it will be turned off by default. |

## Master slave control

Two or more identical lamps are connected with DMX three core signal wires. All lamps are modified to any address code from 001 to 512. Set any one as the master, and other lamps are slaves. All slave displays do not flash; When the master is used to adjust the effects of gradient, pulse change, jump change, voice control and self-propelled, all slaves synchronize the effects of gradient, pulse change, jump change, voice control and self-propelled.

Special attention: 1. Only one host can be set for a group of lamps. If there are multiple hosts, all lamps will flash out of sync.

2. Only when the DMX512 console is turned off can the master and slave machines work.

## DMX512control

After setting the address code of all lamps, connect all lamps to DMX512 console in parallel with DMX three core signal wire, and the address code stops flashing, indicating that the signal of DMX512 console has been sent to lamps, and use DMX512 console to control relevant functions according to the channel instructions.

CH37AChannel description:

| NO. | VALUE   | BASIC FUNCTION         |
|-----|---------|------------------------|
| 1   | 000-255 | X axis                 |
| 2   | 000-255 | X-axis fine adjustment |
| 3   | 000-255 | Y-axis                 |
| 4   | 000-255 | Y-axis fine adjustment |
| 5   | 000-255 | XY speed               |
| 6   | 000-255 | SPECIAL                |
| 7   | 000-255 | Red 1                  |
| 8   | 000-255 | Red 1 trim             |
| 9   | 000-255 | Green 1                |
| 10  | 000-255 | Green 1 trim           |
| 11  | 000-255 | Blue 1                 |
| 12  | 000-255 | Blue 1 trim            |
| 13  | 000-255 | White 1                |
| 14  | 000-255 | White 1 trim           |
| 15  | 000-255 | Red 2                  |
| 16  | 000-255 | Red 2 trim             |
| 17  | 000-255 | Green 2                |
| 18  | 000-255 | Green 2 trim           |
| 19  | 000-255 | Blue 2                 |

|    |         |                              |
|----|---------|------------------------------|
| 20 | 000-255 | Blue 2 trim                  |
| 21 | 000-255 | White 2                      |
| 22 | 000-255 | White 2 trim                 |
| 23 | 000-255 | Red 3                        |
| 24 | 000-255 | Red 3 trim                   |
| 25 | 000-255 | Green 3                      |
| 26 | 000-255 | Green 3 trim                 |
| 27 | 000-255 | Blue 3                       |
| 28 | 000-255 | Blue 3 trim                  |
| 29 | 000-255 | White 3                      |
| 30 | 000-255 | White 3 trim                 |
| 31 | 000-255 | CTO                          |
| 32 | 000-255 | pattern                      |
| 33 | 000-255 | focusing                     |
| 34 | 000-255 | Focusing and fine adjustment |
| 35 | 000-255 | Stroboscopic                 |
| 36 | 000-255 | Dimming                      |
| 37 | 000-255 | dimmer fine                  |

#### CH21Channel description:

| NO | VALUE   | BASIC FUNCTION               |
|----|---------|------------------------------|
| 1  | 000-255 | X axis                       |
| 2  | 000-255 | X-axis fine adjustment       |
| 3  | 000-255 | Y-axis                       |
| 4  | 000-255 | Y-axis fine adjustment       |
| 5  | 000-255 | XY speed                     |
| 6  | 000-255 | SPECIAL                      |
| 7  | 000-255 | Red 1                        |
| 8  | 000-255 | Red 1 trim                   |
| 9  | 000-255 | Green 1                      |
| 10 | 000-255 | Green 1 trim                 |
| 11 | 000-255 | Blue 1                       |
| 12 | 000-255 | Blue 1 trim                  |
| 13 | 000-255 | White 1                      |
| 14 | 000-255 | White 1 trim                 |
| 15 | 000-255 | CTO                          |
| 16 | 000-255 | pattern                      |
| 17 | 000-255 | focusing                     |
| 18 | 000-255 | Focusing and fine adjustment |
| 19 | 000-255 | Stroboscopic                 |
| 20 | 000-255 | Dimming                      |
| 21 | 000-255 | dimmer fine                  |

#### CH15Channel description:

| NO. | VALUE   | BASIC FUNCTION |
|-----|---------|----------------|
| 1   | 000-255 | X axis         |

|    |         |                        |
|----|---------|------------------------|
| 2  | 000-255 | X-axis fine adjustment |
| 3  | 000-255 | Y-axis                 |
| 4  | 000-255 | Y-axis fine adjustment |
| 5  | 000-255 | XY speed               |
| 6  | 000-255 | SPECIAL                |
| 7  | 000-255 | Red 1                  |
| 8  | 000-255 | Green 1                |
| 9  | 000-255 | Blue 1                 |
| 10 | 000-255 | White 1                |
| 11 | 000-255 | CTO                    |
| 12 | 000-255 | pattern                |
| 13 | 000-255 | focusing               |
| 14 | 000-255 | Stroboscopic           |
| 15 | 000-255 | Dimming                |

#### CH10Channel description:

| NO. | VALUE   | BASIC FUNCTION         |
|-----|---------|------------------------|
| 1   | 000-255 | X axis                 |
| 2   | 000-255 | X-axis fine adjustment |
| 3   | 000-255 | Y-axis                 |
| 4   | 000-255 | Y-axis fine adjustment |
| 5   | 000-255 | XY speed               |
| 6   | 000-255 | SPECIAL                |
| 7   | 000-255 | pattern                |
| 8   | 000-255 | focusing               |
| 9   | 000-255 | Stroboscopic           |
| 10  | 000-255 | Dimming                |

#### CH37BChannel description:

| NO. | VALUE   | BASIC FUNCTION               |
|-----|---------|------------------------------|
| 1   | 000-255 | X axis                       |
| 2   | 000-255 | X-axis fine adjustment       |
| 3   | 000-255 | Y-axis                       |
| 4   | 000-255 | Y-axis fine adjustment       |
| 5   | 000-255 | XY speed                     |
| 6   | 000-255 | SPECIAL                      |
| 7   | 000-255 | focusing                     |
| 8   | 000-255 | Focusing and fine adjustment |
| 9   | 000-255 | Stroboscopic                 |
| 10  | 000-255 | Dimming                      |
| 11  | 000-255 | dimmer fine                  |
| 12  | 000-255 | CTO                          |
| 13  | 000-255 | pattern                      |
| 14  | 000-255 | Red 1                        |
| 15  | 000-255 | Red 1 trim                   |
| 16  | 000-255 | Green 1                      |

|    |         |              |
|----|---------|--------------|
| 17 | 000-255 | Green 1 trim |
| 18 | 000-255 | Blue 1       |
| 19 | 000-255 | Blue 1 trim  |
| 20 | 000-255 | White 1      |
| 21 | 000-255 | White 1 trim |
| 22 | 000-255 | Red 2        |
| 23 | 000-255 | Red 2 trim   |
| 24 | 000-255 | Green 2      |
| 25 | 000-255 | Green 2 trim |
| 26 | 000-255 | Blue 2       |
| 27 | 000-255 | Blue 2 trim  |
| 28 | 000-255 | White 2      |
| 29 | 000-255 | White 2 trim |
| 30 | 000-255 | Red 3        |
| 31 | 000-255 | Red 3 trim   |
| 32 | 000-255 | Green 3      |
| 33 | 000-255 | Green 3 trim |
| 34 | 000-255 | Blue 3       |
| 35 | 000-255 | Blue 3 trim  |
| 36 | 000-255 | White 3      |
| 37 | 000-255 | White 3 trim |

#### CH18Channel description:

| NO. | VALUE   | BASIC FUNCTION                                |
|-----|---------|-----------------------------------------------|
| 1   | 000-255 | X axis                                        |
| 2   | 000-255 | X-axis fine adjustment                        |
| 3   | 000-255 | Y-axis                                        |
| 4   | 000-255 | Y-axis fine adjustment                        |
| 5   | 000-255 | XY speed                                      |
| 6   | 000-255 | focusing                                      |
| 7   | 000-255 | Dimming                                       |
| 8   | 000-255 | Stroboscopic                                  |
| 9   | 000-255 | Red 1                                         |
| 10  | 000-255 | Green 1                                       |
| 11  | 000-255 | Blue 1                                        |
| 12  | 000-255 | White 1                                       |
| 13  | 000-255 | CTO                                           |
| 14  | 000-255 | pattern                                       |
| 15  | 000-255 | speed                                         |
| 16  | 000-255 | Background color                              |
| 17  | 000-255 | Total dimming of background color             |
| 18  | 000-255 | Reset (0-249) invalid (250-255) machine reset |

#### CH25Channel description:

| NO | VALUE   | BASIC FUNCTION |
|----|---------|----------------|
| 1  | 000-255 | X axis         |

|    |         |                                   |
|----|---------|-----------------------------------|
| 2  | 000-255 | X-axis fine adjustment            |
| 3  | 000-255 | Y-axis                            |
| 4  | 000-255 | Y-axis fine adjustment            |
| 5  | 000-255 | XY speed                          |
| 6  | 000-255 | focusing                          |
| 7  | 000-255 | Dimming                           |
| 8  | 000-255 | Stroboscopic                      |
| 9  | 000-255 | Red 1                             |
| 10 | 000-255 | Green 1                           |
| 11 | 000-255 | Blue 1                            |
| 12 | 000-255 | White 1                           |
| 13 | 000-255 | CTO                               |
| 14 | 000-255 | pattern                           |
| 15 | 000-255 | speed                             |
| 16 | 000-255 | Background color                  |
| 17 | 000-255 | Total dimming of background color |
| 18 | 000-255 | reset                             |
| 19 | 000-255 | 1                                 |
| 20 | 000-255 | 2 pcs                             |
| 21 | 000-255 | 3 PCS                             |
| 22 | 000-255 | 4 PCs                             |
| 23 | 000-255 | 5                                 |
| 24 | 000-255 | 6 PCs                             |
| 25 | 000-255 | 7                                 |

#### CH46Channel description:

| NO. | VALUE   | BASIC FUNCTION                                |
|-----|---------|-----------------------------------------------|
| 1   | 000-255 | X axis                                        |
| 2   | 000-255 | X-axis fine adjustment                        |
| 3   | 000-255 | Y-axis                                        |
| 4   | 000-255 | Y-axis fine adjustment                        |
| 5   | 000-255 | XY speed                                      |
| 6   | 000-255 | focusing                                      |
| 7   | 000-255 | Dimming                                       |
| 8   | 000-255 | Stroboscopic                                  |
| 9   | 000-255 | Red 1                                         |
| 10  | 000-255 | Green 1                                       |
| 11  | 000-255 | Blue 1                                        |
| 12  | 000-255 | White 1                                       |
| 13  | 000-255 | CTO                                           |
| 14  | 000-255 | pattern                                       |
| 15  | 000-255 | speed                                         |
| 16  | 000-255 | Background color                              |
| 17  | 000-255 | Total dimming of background color             |
| 18  | 000-255 | Reset (0-249) invalid (250-255) machine reset |
| 19  | 000-255 | Red 1                                         |

|     |         |         |
|-----|---------|---------|
| 20  | 000-255 | Green 1 |
| 21  | 000-255 | Blue 1  |
| 22  | 000-255 | White 1 |
| ... | ...     | ...     |
| 43  | 000-255 | Red 7   |
| 44  | 000-255 | Green 7 |
| 45  | 000-255 | Blue 7  |
| 46  | 000-255 | White 7 |

#### CH37A,CH21,CH15,CH10,CH37BChannel value assignment

|     |    |    |    |     |         |         |
|-----|----|----|----|-----|---------|---------|
| 37A | 21 | 15 | 10 | 37B | 0       | invalid |
|     |    |    |    |     | 1-2     | colour  |
|     |    |    |    |     | 3       | colour  |
|     |    |    |    |     | 4-5     | colour  |
|     |    |    |    |     | 6       | colour  |
|     |    |    |    |     | 7-9     | colour  |
|     |    |    |    |     | 10-12   | colour  |
|     |    |    |    |     | 13-15   | colour  |
|     |    |    |    |     | 16      | colour  |
|     |    |    |    |     | 17-55   | colour  |
|     |    |    |    |     | 56      | colour  |
|     |    |    |    |     | 57-95   | colour  |
|     |    |    |    |     | 96      | colour  |
|     |    |    |    |     | 97-134  | colour  |
|     |    |    |    |     | 135     | colour  |
|     |    |    |    |     | 136-174 | colour  |
|     |    |    |    |     | 175     | colour  |
|     |    |    |    |     | 176-214 | colour  |
|     |    |    |    |     | 215     | colour  |
|     |    |    |    |     | 216-246 | colour  |
|     |    |    |    |     | 247     | colour  |
|     |    |    |    |     | 248     | colour  |
|     |    |    |    |     | 249     | colour  |
|     |    |    |    |     | 250     | colour  |
|     |    |    |    |     | 251     | colour  |
|     |    |    |    |     | 252     | colour  |
|     |    |    |    |     | 253     | colour  |
|     |    |    |    |     | 254     | colour  |
|     |    |    |    |     | 255     | colour  |

#### CH18,CH25,CH46Channel value assignment

|   |   |          |
|---|---|----------|
| 0 | 0 |          |
| 1 | 0 | invalid  |
| 2 | 0 | invalid  |
| 3 | 0 | invalid  |
| 4 | 1 | Effect 1 |
| 5 | 1 | Effect 1 |

|    |   |          |
|----|---|----------|
| 6  | 1 | Effect 1 |
| 7  | 1 | Effect 1 |
| 8  | 1 | Effect 1 |
| 9  | 1 | Effect 1 |
| 10 | 1 | Effect 1 |
| 11 | 2 | Effect 2 |
| 12 | 2 | Effect 2 |
| 13 | 2 | Effect 2 |
| 14 | 2 | Effect 2 |
| 15 | 2 | Effect 2 |
| 16 | 2 | Effect 2 |
| 17 | 2 | Effect 2 |
| 18 | 3 | Effect 3 |
| 19 | 3 | Effect 3 |
| 20 | 3 | Effect 3 |
| 21 | 3 | Effect 3 |
| 22 | 3 | Effect 3 |
| 23 | 3 | Effect 3 |
| 24 | 3 | Effect 3 |
| 25 | 4 | Effect 4 |
| 26 | 4 | Effect 4 |
| 27 | 4 | Effect 4 |
| 28 | 4 | Effect 4 |
| 29 | 4 | Effect 4 |
| 30 | 4 | Effect 4 |
| 31 | 4 | Effect 4 |
| 32 | 5 | Effect 5 |
| 33 | 5 | Effect 5 |
| 34 | 5 | Effect 5 |
| 35 | 5 | Effect 5 |
| 36 | 5 | Effect 5 |
| 37 | 5 | Effect 5 |
| 38 | 5 | Effect 5 |
| 39 | 6 | Effect 6 |
| 40 | 6 | Effect 6 |
| 41 | 6 | Effect 6 |
| 42 | 6 | Effect 6 |
| 43 | 6 | Effect 6 |
| 44 | 6 | Effect 6 |
| 45 | 6 | Effect 6 |
| 46 | 7 | Effect 7 |
| 47 | 7 | Effect 7 |
| 48 | 7 | Effect 7 |
| 49 | 7 | Effect 7 |
| 50 | 7 | Effect 7 |
| 51 | 7 | Effect 7 |



|    |    |           |
|----|----|-----------|
| 52 | 7  | Effect 7  |
| 53 | 8  | Effect 8  |
| 54 | 8  | Effect 8  |
| 55 | 8  | Effect 8  |
| 56 | 8  | Effect 8  |
| 57 | 8  | Effect 8  |
| 58 | 8  | Effect 8  |
| 59 | 8  | Effect 8  |
| 60 | 9  | Effect 9  |
| 61 | 9  | Effect 9  |
| 62 | 9  | Effect 9  |
| 63 | 9  | Effect 9  |
| 64 | 9  | Effect 9  |
| 65 | 9  | Effect 9  |
| 66 | 9  | Effect 9  |
| 67 | 10 | Effect 10 |
| 68 | 10 | Effect 10 |
| 69 | 10 | Effect 10 |
| 70 | 10 | Effect 10 |
| 71 | 10 | Effect 10 |
| 72 | 10 | Effect 10 |
| 73 | 10 | Effect 10 |
| 74 | 11 | Effect 11 |
| 75 | 11 | Effect 11 |
| 76 | 11 | Effect 11 |
| 77 | 11 | Effect 11 |
| 78 | 11 | Effect 11 |
| 79 | 11 | Effect 11 |
| 80 | 11 | Effect 11 |
| 81 | 12 | Effect 12 |
| 82 | 12 | Effect 12 |
| 83 | 12 | Effect 12 |
| 84 | 12 | Effect 12 |
| 85 | 12 | Effect 12 |
| 86 | 12 | Effect 12 |
| 87 | 12 | Effect 12 |
| 88 | 13 | Effect 13 |
| 89 | 13 | Effect 13 |
| 90 | 13 | Effect 13 |
| 91 | 13 | Effect 13 |
| 92 | 13 | Effect 13 |
| 93 | 13 | Effect 13 |
| 94 | 13 | Effect 13 |
| 95 | 14 | Effect 14 |
| 96 | 14 | Effect 14 |
| 97 | 14 | Effect 14 |

|     |    |           |
|-----|----|-----------|
| 98  | 14 | Effect 14 |
| 99  | 14 | Effect 14 |
| 100 | 14 | Effect 14 |
| 101 | 14 | Effect 14 |
| 102 | 15 | Effect 15 |
| 103 | 15 | Effect 15 |
| 104 | 15 | Effect 15 |
| 105 | 15 | Effect 15 |
| 106 | 15 | Effect 15 |
| 107 | 15 | Effect 15 |
| 108 | 15 | Effect 15 |
| 109 | 16 | Effect 16 |
| 110 | 16 | Effect 16 |
| 111 | 16 | Effect 16 |
| 112 | 16 | Effect 16 |
| 113 | 16 | Effect 16 |
| 114 | 16 | Effect 16 |
| 115 | 16 | Effect 16 |
| 116 | 17 | Effect 17 |
| 117 | 17 | Effect 17 |
| 118 | 17 | Effect 17 |
| 119 | 17 | Effect 17 |
| 120 | 17 | Effect 17 |
| 121 | 17 | Effect 17 |
| 122 | 17 | Effect 17 |
| 123 | 18 | Effect 18 |
| 124 | 18 | Effect 18 |
| 125 | 18 | Effect 18 |
| 126 | 18 | Effect 18 |
| 127 | 18 | Effect 18 |
| 128 | 18 | Effect 18 |
| 129 | 18 | Effect 18 |
| 130 | 19 | Effect 19 |
| 131 | 19 | Effect 19 |
| 132 | 19 | Effect 19 |
| 133 | 19 | Effect 19 |
| 134 | 19 | Effect 19 |
| 135 | 19 | Effect 19 |
| 136 | 19 | Effect 19 |
| 137 | 20 | Effect 20 |
| 138 | 20 | Effect 20 |
| 139 | 20 | Effect 20 |
| 140 | 20 | Effect 20 |
| 141 | 20 | Effect 20 |
| 142 | 20 | Effect 20 |
| 143 | 20 | Effect 20 |

|     |    |           |
|-----|----|-----------|
| 144 | 21 | Effect 21 |
| 145 | 21 | Effect 21 |
| 146 | 21 | Effect 21 |
| 147 | 21 | Effect 21 |
| 148 | 21 | Effect 21 |
| 149 | 21 | Effect 21 |
| 150 | 21 | Effect 21 |
| 151 | 22 | Effect 22 |
| 152 | 22 | Effect 22 |
| 153 | 22 | Effect 22 |
| 154 | 22 | Effect 22 |
| 155 | 22 | Effect 22 |
| 156 | 22 | Effect 22 |
| 157 | 22 | Effect 22 |
| 158 | 23 | Effect 23 |
| 159 | 23 | Effect 23 |
| 160 | 23 | Effect 23 |
| 161 | 23 | Effect 23 |
| 162 | 23 | Effect 23 |
| 163 | 23 | Effect 23 |
| 164 | 23 | Effect 23 |
| 165 | 24 | Effect 24 |
| 167 | 24 | Effect 24 |
| 168 | 24 | Effect 24 |
| 169 | 24 | Effect 24 |
| 170 | 24 | Effect 24 |
| 171 | 24 | Effect 24 |
| 172 | 25 | Effect 25 |
| 173 | 25 | Effect 25 |
| 174 | 25 | Effect 25 |
| 175 | 25 | Effect 25 |
| 176 | 25 | Effect 25 |
| 177 | 25 | Effect 25 |
| 178 | 25 | Effect 25 |
| 179 | 26 | Effect 26 |
| 180 | 26 | Effect 26 |
| 181 | 26 | Effect 26 |
| 182 | 26 | Effect 26 |
| 183 | 26 | Effect 26 |
| 184 | 26 | Effect 26 |
| 185 | 26 | Effect 26 |
| 186 | 27 | Effect 27 |
| 187 | 27 | Effect 27 |
| 188 | 27 | Effect 27 |
| 189 | 27 | Effect 27 |
| 190 | 27 | Effect 27 |

|     |    |           |
|-----|----|-----------|
| 191 | 27 | Effect 27 |
| 192 | 27 | Effect 27 |
| 193 | 28 | Effect 28 |
| 194 | 28 | Effect 28 |
| 195 | 28 | Effect 28 |
| 196 | 28 | Effect 28 |
| 197 | 28 | Effect 28 |
| 198 | 28 | Effect 28 |
| 199 | 28 | Effect 28 |
| 200 | 29 | Effect 29 |
| 201 | 29 | Effect 29 |
| 202 | 29 | Effect 29 |
| 203 | 29 | Effect 29 |
| 204 | 29 | Effect 29 |
| 205 | 29 | Effect 29 |
| 206 | 29 | Effect 29 |
| 207 | 30 | Effect 30 |
| 208 | 30 | Effect 30 |
| 209 | 30 | Effect 30 |
| 210 | 30 | Effect 30 |
| 211 | 30 | Effect 30 |
| 212 | 30 | Effect 30 |
| 213 | 30 | Effect 30 |
| 214 | 31 | Effect 31 |
| 215 | 31 | Effect 31 |
| 216 | 31 | Effect 31 |
| 217 | 31 | Effect 31 |
| 218 | 31 | Effect 31 |
| 219 | 31 | Effect 31 |
| 220 | 31 | Effect 31 |
| 221 | 32 | Effect 32 |
| 222 | 32 | Effect 32 |
| 223 | 32 | Effect 32 |
| 224 | 32 | Effect 32 |
| 225 | 32 | Effect 32 |
| 226 | 32 | Effect 32 |
| 227 | 32 | Effect 32 |
| 228 | 33 | Effect 33 |
| 229 | 33 | Effect 33 |
| 230 | 33 | Effect 33 |
| 231 | 33 | Effect 33 |
| 232 | 33 | Effect 33 |
| 233 | 33 | Effect 33 |
| 234 | 33 | Effect 33 |
| 235 | 34 | Effect 34 |
| 236 | 34 | Effect 34 |

|     |    |           |
|-----|----|-----------|
| 237 | 34 | Effect 34 |
| 238 | 34 | Effect 34 |
| 239 | 34 | Effect 34 |
| 240 | 34 | Effect 34 |
| 241 | 34 | Effect 34 |
| 242 | 35 | Effect 35 |
| 243 | 35 | Effect 35 |
| 244 | 35 | Effect 35 |
| 245 | 35 | Effect 35 |
| 246 | 35 | Effect 35 |
| 247 | 35 | Effect 35 |
| 248 | 35 | Effect 35 |
| 249 | 36 | Effect 36 |
| 250 | 36 | Effect 36 |
| 251 | 36 | Effect 36 |
| 252 | 36 | Effect 36 |
| 253 | 36 | Effect 36 |
| 254 | 36 | Effect 36 |
| 255 | 36 | Effect 36 |

## REMARK

The product has perfect performance and integrity packing. All users should be strictly comply with the warning and operating instructions as stated. Or we aren't in charge of any result by misusing.

Any damage resulting by misuse is not within the Company's warranty.

Any fault or problem caused by neglecting the manual is also not in the charge of dealers.

Errors and omissions for every information given in this manual excepted.

All information is subject to change without prior notice.

**Thank you again for your patronage!**  
**We will be offering sincere service as always,**  
**Wish you have a good lighting journey!**