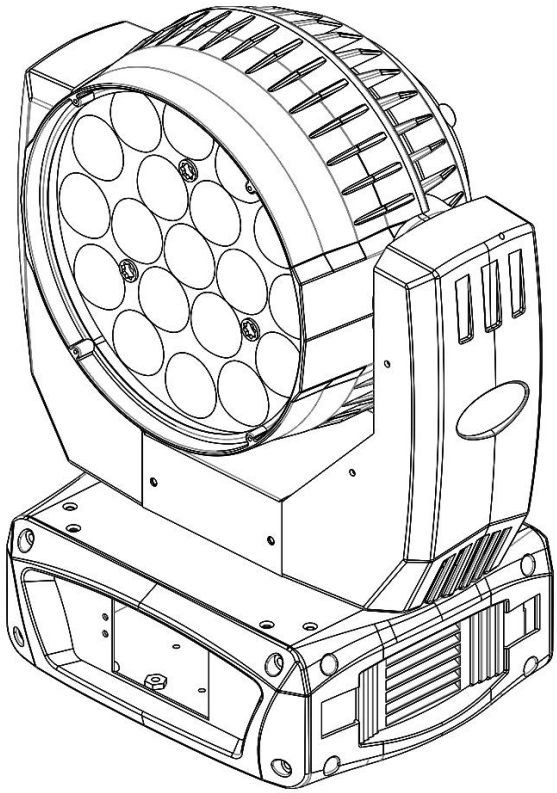
AURA WASH 1915



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 this 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. Two mounted brackets
4. One safety rope
5. One English user manual

（Flight case, Clamps are 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 6th 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 60degress.
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

LIGHT SOURCE & OPTIC

Source: 19pcs 15W high brightness RGBW 4-in-1 LEDs
Working lifetime: 100,000 hours with low power consumption
Beam angle: 8-50 degrees

CONTROL & PROGRAM

Channel: 16/24 channels with macro effects
Control: DMX512/Master-slave/Auto/Sound

EFFECTS

Strobe: 1-25 times/second
PAN: 540 degree with 16bit rotate
Tilt: 270 degree with 16bit rotate
Color: RGBW infinite mixture
Dimmer: 0-100% linear dimming system

Protection

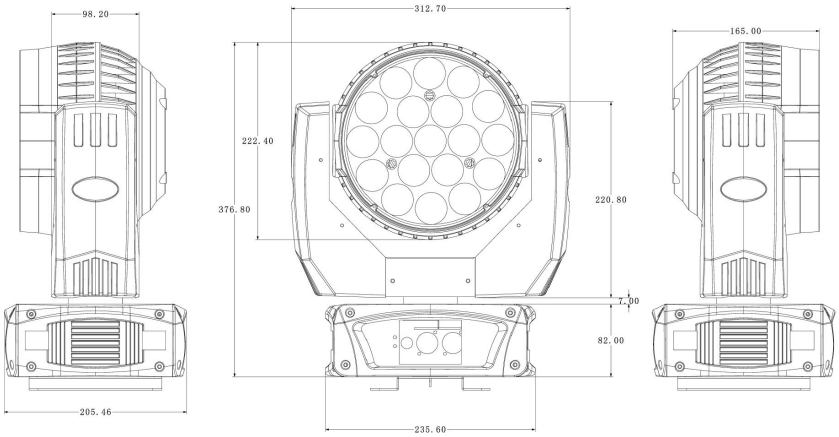
Auto temperature control system with big cooling fan. Quiet, smooth and fast PAN/TILT movement
Low noise and efficient FAN cooling system Built in pre-programs with macro effects. IEC power connector
45℃max ambient temperature IP20 protection rating
3-Pin XLR DMX input/output

Function

With LED shutter, scan position memory and auto reposition.
LED rainbow effect. LED in circle. Smooth and fast speed, super low noise. Perfectly suitable for stage, theatre, TV studio, rental, DISCO and more

BODY

Packing details for 1pc/ctn
Net Weight: 7.5 Kg
Gross Weight: 9.3 Kg
Carton Package Size: 38*26*47.5cm

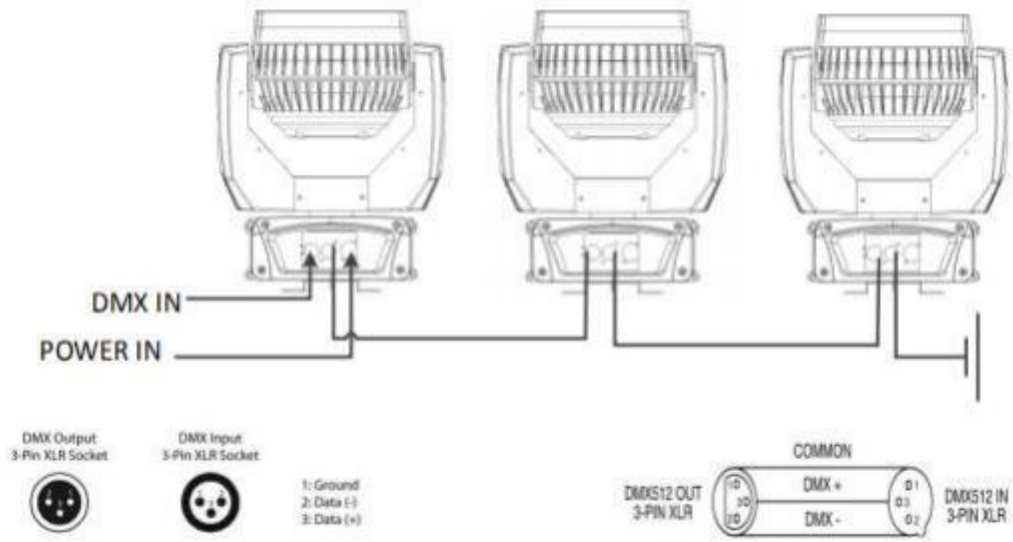


Connection of the DMX512 signal:

Connect the provided XLR cable to the female 3-pin XLR output of your controller and the other side to the male 3 -pin XLR input of the moving head. You can chain multiple

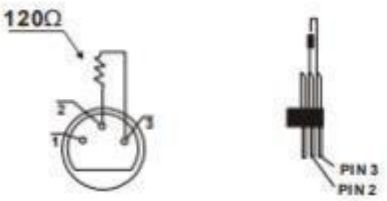
Moving heads be connected together through serial linking. The cable needed should be two core, screened cable with XLR input and output connectors. Please refer to the diagram below.

DMX-512 connection with DMX terminator.



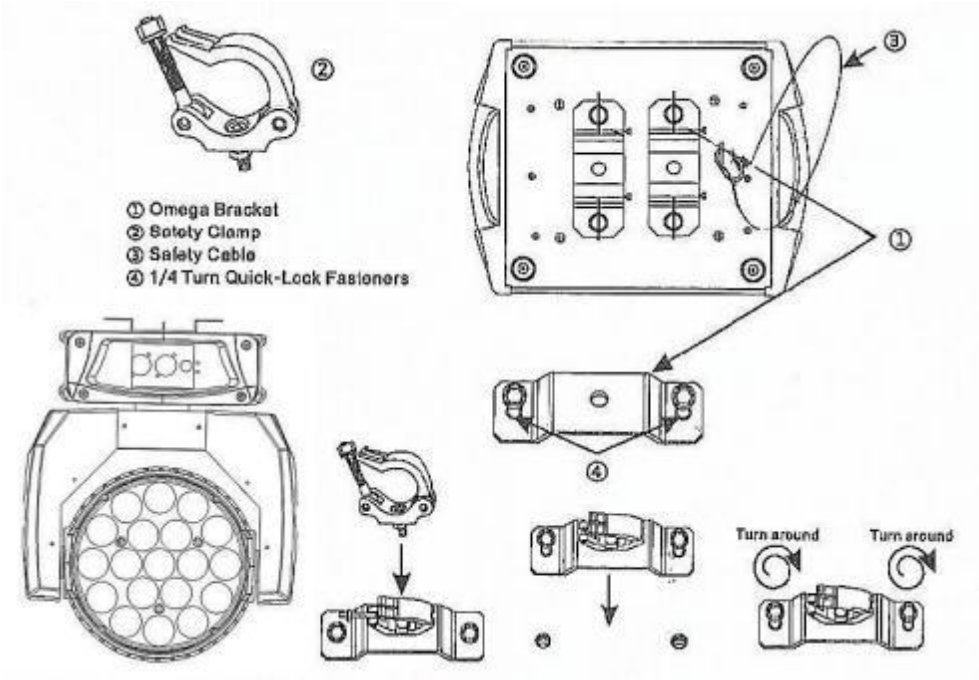
For installations where the DMX cable has to run a long distance or is in an electrically noisy environment, such as in a discotheque, it is recommended to use a DMX terminator. This helps in preventing corruption of the digital control signal by electrical noise. The DMX terminator is simply an XLR plug with a 120 Ω resistor connected between pins 2 and 3,which is then plugged into the output XLR socket of the last fixture in the chain.

Please see illustrations below.



Clamp Mounting:

AURA1915 provides a unique mounting bracket assembly that integrates the bottom of the base, the included "Omega Bracket," and the safety cable rigging point in one unit (see the illustration below). When mounting this fixture to truss be sure to secure an appropriately rated clamp to the included omega bracket using a M10 screw fitted through the center hole of the "omega bracket". As an added safety measure be sure to attached at least one properly rated safety cable to the fixture using on of the safety cable rigging point integrated in the base assembly.



Regardless of the rigging option you choose for your AURA 1915, always be sure to secure your fixture with a safety cable. The fixture provides a built-in rigging point for a safety cable on the hanging bracket as illustrated above. Be sure to only use the designated rigging point for the safety cable and never secure a safety cable to a carrying handle.

Menu

There are system settings, operation mode, display settings, factory setting four level menus, simple operation, fast reaction speed.

1, DMX address	002	Confirmation the modification by the confirmation key, the upper and down keys select the DMX address, confirm, and return to exit_
2, encoder	Close	By confirmation key, select off / on, confirm and return to exit.
3. X reversal	Close	Check the modification by the confirmation key, select up and down off / On, confirm and return to exit.
4. Y reversal	Close	Check the modification by the confirmation key, select up and down off / On, confirm and return to exit.
Run mode	DMX	Confirmation modification by confirm key, up and down key select operation mode, confirm, return to exit.
Channel selection	16CH	
Sector Settings		
Language selection	Chinese	Confirmation the modification by the confirmation key, the up and down key select the language, and return to exit.
Invert Settings	Close	Confirmation the modification by the confirmation key, the upper and lower keys choose to open, confirm, and return to exit

Factory settings

(password 138)

X calibrat i on	128	Make modification by the confirmation key, select the appropriate channel value up and down, confirm and return to exit
Y calibrat i on	128	Make modification by the confirmation key, select the appropriate channel value up and down, confirm and return to exit
Jiao	128	Make modification by the confirmation key, select the appropriate channel value up and down, confirm and return to exit
Red	220	Make modification by the confirmation key, select the appropriate channel value up and down, confirm and return to exit
Green	220	Make modification by the confirmation key, select the appropriate channel value up and down, confirm and return to exit
Blue	220	Make modification by the confirmation key, select the appropriate channel value up and down, confirm and return to exit
White	220	Make modification by the confirmation key, select the appropriate channel value up and down, confirm and return to exit
Logo	000	Check through the left function key, then select the appropriate LOGO, and then confirm, return to exit

16-Channel Mode:

CH	VALUE	FUNCTION
1	000-255	X-axis (horizontal)
2	000-255	X axis fine-tuning
3	000-255	Y-axis (vertical)
4	000-255	Y axis fine-tuning
5	000-255	XY speed
6	000-255	Total dimming
7	000-255	Frequency flash
8	000-255	Red brightness regulation
9	000-255	Green brightness regulation
10	000-255	Blue brightness regulation
11	000-255	White brightness regulation
12	000-255	Jiao
13	000-255	Function mode 000-029 dimmer 030-139 color 140-169 GRADUAL 170-199 PULSE 200-209 Jump 1 210-219 Jump 2 220-229 Jump 3 230-239 Jump 4 240-249 Jump 5 250-255 Jump 6
14	000-255	Mode speed
15	Empty	Empty
16	000-255	000-249 Invalid 250-255 Restore

24-Channel Mode:

CH	VALUE	FUNCTION
1	000-255	X-axis (horizontal)
2	000-255	X axis fine-tuning
3	000-255	Y-axis (vertical)
4	000-255	Y axis fine-tuning
5	000-255	XY speed
6	000-255	Jiao
7	000-255	Total dimming
8	000-255	Frequency flash
9	000-255	Red 1 brightness adjustment
10	000-255	Green 1 brightness adjustment
11	000-255	Blue 1 brightness adjustment
12	000-255	White 1 brightness adjustment
13	000-255	Red 2 brightness adjustment

14	000-255	Green 2 brightness adjustment
15	000-255	Blue 2 brightness adjustment
16	000-255	White 2 brightness adjustment
17	000-255	Red 3 brightness adjustment
18	000-255	Green 3 brightness adjustment
19	000-255	Blue 3 brightness adjustment
20	000-255	White 3 brightness adjustment
21	000-255	Function mode 000-019 STROBE-MAX 020-099 DIMMER-MAX 100-149 COLOUR-MAX 150-199 GRADUAL-MAX 200-229 PULSE-MAX 230-255 JUMP-MAX
22	000-255	Mode speed
23	000-255	Empty
24	000-255	000-249 Invalid 250-255 Restore

REMARK

The product has perfect performance and intergrity 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!