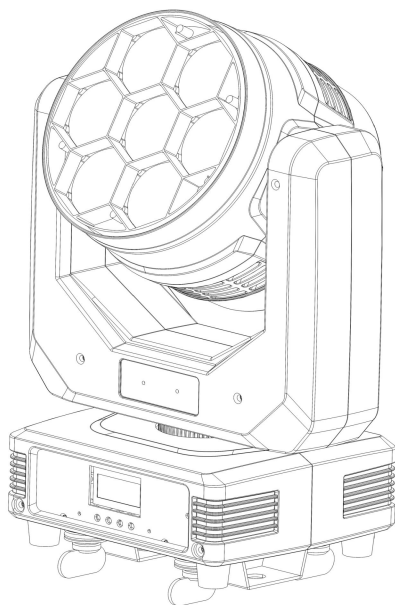


LED BEAM_WASH 150



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 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 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

Ac90 - 240V,50/60Hz

Power consumption:250W@220V

LIGHT SOURCE

7*40W RGBW 4 in1 LEDs

Average life: 50,000 hrs

Color temperature:2800K-8000K

· Color RGBW (red, green, blue and white) linear color mixing adjustment

EFFECT

Zoom angle: 7-45 ° degree

Outstanding color macro mode

Strobe: 1-25 hz, random and pulse flash

Dimmer 0-100%

BODY &CONTROL

Pan/Tilt:540/270°

Control mode: DMX512/RDM

LCD display with display flip

DMX channels: 17CH

Powercon in+out 3Pin XLR in+out

Protection level:IP20

Net weight:6 kg

Size:195*166*334mmPower Socket: Powercon in/out

Protection Rating: IP20

Features

Motorized liner zoom system, zoom range: 7°~45°

Outstanding color macro effect

Dimmer: 0~100% smooth dimming

Variable strobe effects

Fast, quiet operation and flicker free

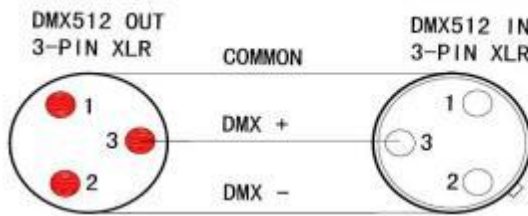
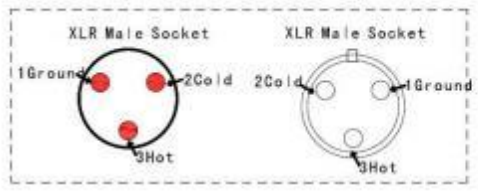
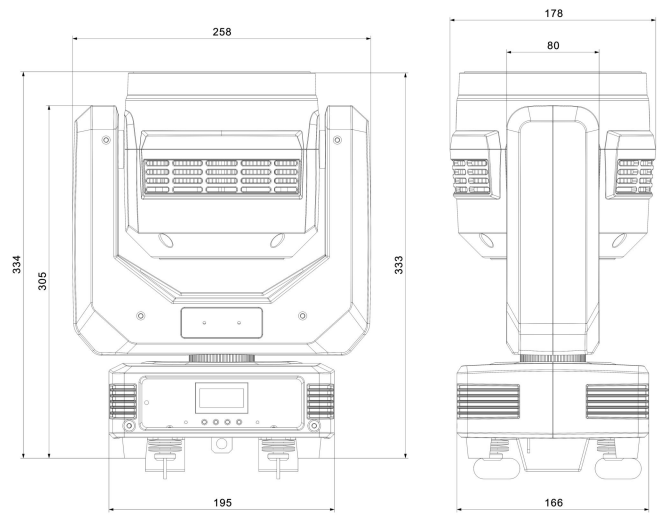


Figure2

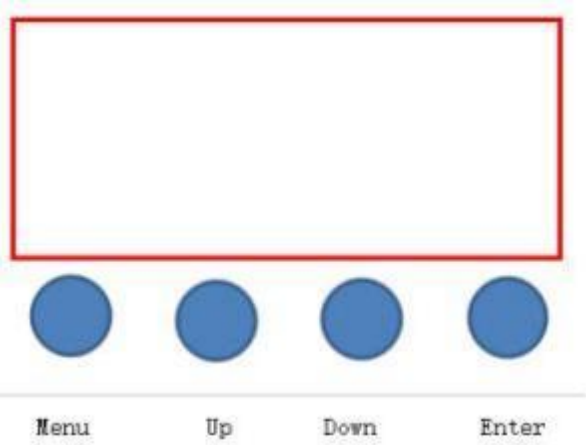


XLR Pin Configuration	
pin1=	Ground
pin2=	Data Compliment (negative)
pin3=	Data True (positive)

The DMX512 is widely used in intelligent lighting control, with a DMX 512 controller. connect several lights together, dmx in and dmx out, 3 pin XLR connectors: Pin 1: GND, Pin 2: Negative signal (-), Pin 3: Positive signal (+)



Display:



- MENU To select the programming functions
- DOWN To go backward in the selected functions
- uP To go forward in the selected functions
- ENTER To confirm the selected functions

Set DMX Address Code

- Press "**Menu**" to "Set DMX Address", and press "**ENTER**" keys to enter into
- Show "Set DMX Address DMX Address:001", Press the "**UP and DOWN**" keys to amended
- Press "**ENTER**" keys to save and Exit, Press the "**MENU**" Keys does not save and Exit

1	Address	Address 001~512	Address setting 001-512
2	Mode	1.DMX512	Console control
		2.Auto	1.Master
			2.Alone
		3.Sound	1.Master
			2.Alone

2	Mode	4. Manual	1.Pan:0-255
			2.Tilt:0-255
			3.Focus:0-255
			4.Red:0-255
			5.Green:0-255
			6.Blue:0-255
			7.White:0-255
			8.Strobe:0-255
3	Invert	1.Pan Invert	1.NO,2.YES
		2.Tilt Invert	1.NO,2.YES
4	Sound	0-100	Sound sensitivity
5	Degree	1.540,2.360	
6	No signal	1.black out	2.hold
7	Fan set	1.auto, 2.high, 3.low	
8	Reset	1.NO	Reset
		2.YES	
9	Default	3.Yes	Factory setting
		4.No	
10	Inform	1.Soft V1.0	Show the version number
		2.Temp ____℃	Show the temperature of led board
11	Adjust	Pass word	****
		1.Pan	0-255Pan fine control
		2.Tilt	0-255Tilt fine control
		3.Focus	0-255 Zoom fine control

11	Adjust	4.Red	0-255
		5.Green	0-255
		6.Blue	0-255
		7.White	0-255

DMX CHANNEL

DMX channel's functions and values (17 DMX channels):

17 channel mode:

Channel	Function	Description	Value
Ch 1	pan adjustment	pan adjustment	0----255
Ch 2	Pan fine adjustment	Pan fine adjustment	0----255
Ch 3	Tilt adjustment	Tilt adjustment	0----255
Ch 4	Pan fine adjustment	Pan fine adjustment	0----255
Ch 5	Speed of Pan/Tilt	from fast to slow	0----255
Ch 6	Strobe	Turn on the light	0----3
		Synchro strobe speed slow to fast (1HZ-25HZ)	4----203
		Random strobe	204----255
Ch 7	Dimmer	from dark to bright	0----255
Ch 8	Dimming mode	mode 1	0----49
		mode 2	50----99
		mode 3	100----149
		mode 4	150----255
Ch 9	Zoom	From near to far	0----255
Ch 10	R	from dark to bright	0----255

Ch 11	G	from dark to bright	0----255
Ch 12	B	from dark to bright	0----255
Ch 13	W	from dark to bright	0----255
Ch 14	Static color	No function	0----15
		R100%, G up,B0%	16----35
		R down,G100%,B0%	36---55
		R0%,G100%,B up	56---75
		R0%,G down,B100%	76---95
		R up,G0%,B100%	96---115
		R100%,G up,B down	116---135
		R 100%down,G Up,B Up	136--155
		R down,G down,B100%	156---175
		R100%,G100%,B100%,W 100%	176--195
		2800K	196--200
		3200K	201--205
		4000K	206--210
		4500K	211-215
		5000K	216-220
		5600K	221-225
		6500K	226-230
		7000K	231-235
		7500K	236-240
		8000K	241-255
Ch 15	Moving color	No function	0----49

Ch 15	Moving color	Skip change	50----99
		Gradual change	100----255
Ch 16	Speed of Moving color	from fast to slow	0----255
Ch 17	Reset	no function	0----250
		Reset 5s	251----255

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!