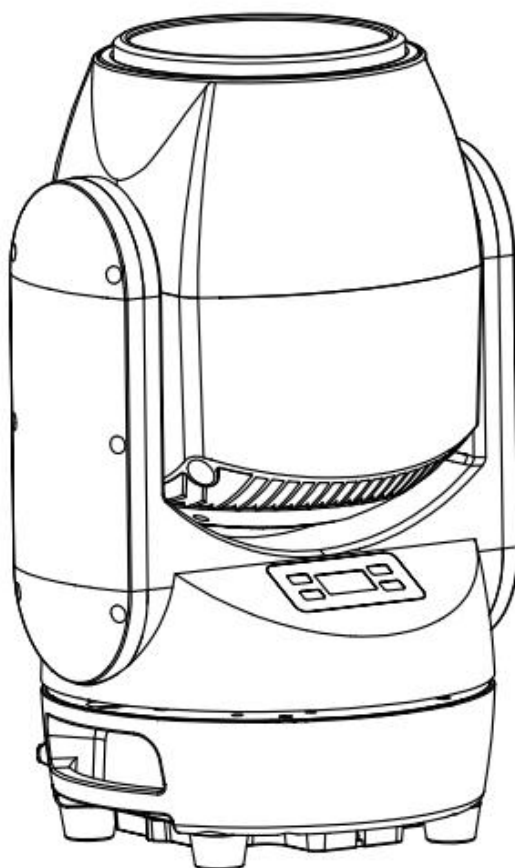


GYRO IP



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 professional use on stages, TV, in discotheques, theaters and outdoor occasions.

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. P66 waterproof, but avoid long-term immersion in water.

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

3. This device falls under protection-class IP66, with dust and water spray protection

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

Main Light:200W RGBL 4in1 LED

Outer Circle: 48*0.5W RGB LED

CRI up to 82

Lifespan: 50,000H

Color temperature: 8000K

2500-8000K CTO linear adjustable

OPTIC

PMMA optical lens with glass light guide rod

Zoom angle: 4°-20°

EFFECTS

Kaleidoscope Effect

Independent frost filter

Outstanding strobe effect with variable speed

Smooth dimming 0-100% (4 user selectable dimming curves)

Outstanding color macro effects

Outstanding color mixing

Linear focus system

CONTROL & PROGRAM

Control: DMX512/RDM optional Artnet/CRMX

DMX Channel: 23/32CH

POWER SUPPLY

Input voltage: AC100-240V 50/60Hz

Consumed Power: 265W

Power connectors: Seetronic PowerCon True1 IN/OUT

DMX connectors: Seetronic 3-Pin XLR IN/OUT Optional 5Pin

MOVEMENT

Pan/Tilt: infinite movement

Automatic Pan/Tilt position correction

P/T: 16bit resolution

BODY

Working in any position

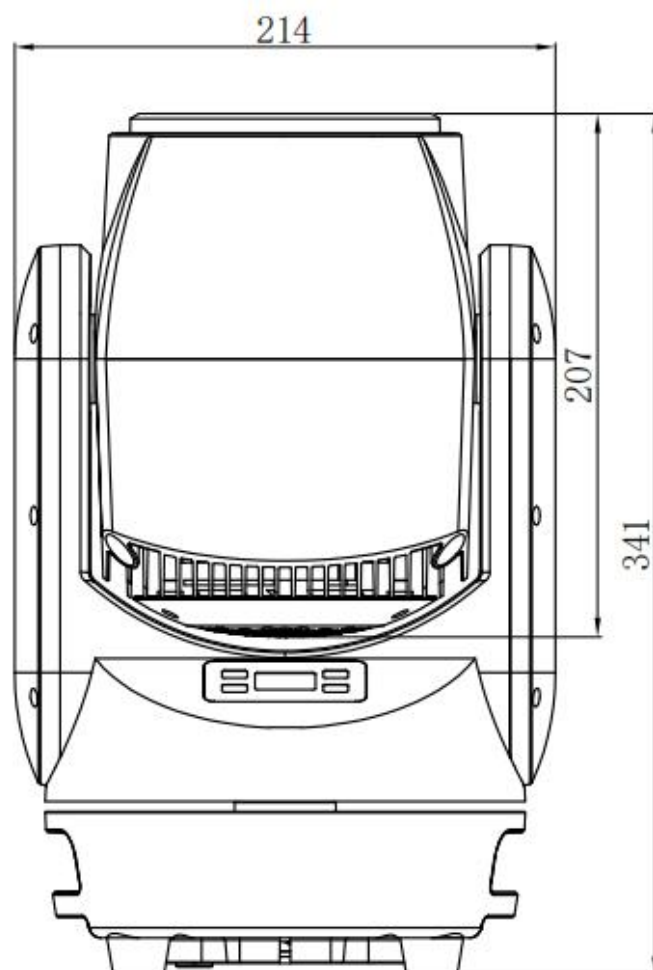
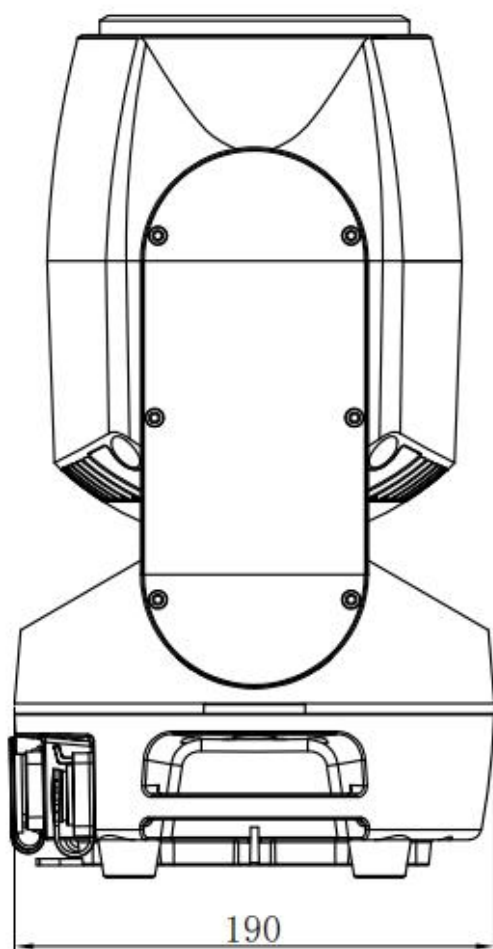
Magnesium Aluminum IP66 body

WEIGHT & SIZE

NW: 5.5kg

Fixture size: 341×214×190mm(L*W*H)

DRAWING (mm)



MOUNTING AND INSTALLATION

Cautions:

For added protection mount the fixtures in areas outside walking paths, seating areas, or in areas where the fixture might be reached by unauthorized personnel.

Before mounting the fixture to any surface, make sure that the installation area can hold a minimum point load of 10 times the device's weight.

Fixture installation must always be secured with a secondary safety attachment, such as an appropriate safety cable.

Never stand directly below the device when mounting, removing, or servicing the fixture from a periodic safety inspection of all installation material and the fixture. If you lack these qualifications, do not attempt the installation yourself. Improper installation can result in bodily injury.

Be sure to complete all rigging and installation procedures before connecting the main power cord to the appropriate wall outlet.

Clamp Mounting:

The B-Eye 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 attach at least one properly rated safety cable to the fixture using one of the safety cable rigging points integrated in the base Assembly.

Regardless of the rigging option you choose for your B-Eye, 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.

For outdoor installation, seal all cable interfaces with professional waterproof tape to prevent water ingress; ensure the mounting truss is rust-proof and stable

DMX-512 CONTROL CONNECTIONS

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.

MENU

MENU	DmxAddr	001 - 512		
	Fixture	Dmx Mode		EXT / STD
		Run Mode		DMX / Host
		Pan Invert		ON / OFF
		Tilt Invert		ON / OFF
		XY Raster		ON / OFF
		Dim Curve		Lin1 / Lin2 / Lin3 / Lin4
		Fast Close		ON / OFF
		DMX Keep		ON / OFF
	Manual	<i>25CH</i>	<i>34CH</i>	
		Pan	Pan	000 - 255
		PanFine	PanFine	000 - 255
		Tilt	Tilt	000 - 255
		TiltFine	TiltFine	000 - 255
		PTSpeed	PTSpeed	000 - 255
		PanRot	PanRot	000 - 255
		TiltRot	TiltRot	000 - 255
		Dimmer	Dimmer	000 - 255
		Strobe	Dimmer Fine	000 - 255
		Red	Strobe	000 - 255

		Green	Red	000 - 255
		Blue	Red Fine	000 - 255
		Lemon	Green	000 - 255
		Focus	Green Fine	000 - 255
		Rot	Blue	000 - 255
		Fog	Blue Fine	000 - 255
		Prism	Lemon	000 - 255
		Prism Rot	Lemon Fine	000 - 255
		CTO	Focus	000 - 255
		Ring Dimmer	Rot	000 - 255
		Ring Strobe	Fog	000 - 255
		Ring Red	Prism	000 - 255
		Ring Green	Prism Rot	000 - 255
		Ring Blue	CTO	000 - 255
		Function	Macro	000 - 255
		\	Ring Dimmer	000 - 255
		\	Ring Strobe	000 - 255
		\	Ring Red	000 - 255
		\	Ring Green	000 - 255
		\	Ring Blue	000 - 255
		\	Ring Macro	000 - 255
		\	Ring Effect	000 - 255
		\	Effect Speed	000 - 255

		\	Function	000 - 255
	Info	Timer		Total Time
				Boot Count
		SenSor		Pan Hall
				Tilt
				Tilt Hall
				Temp
				Focus
				Rot
		Temperature		Head Temp
		Software Version		Version
				Dimmer
	Factory	Password		000 - 255
		Pan		000 - 255
		Tilt		000 - 255
		Focus		000 - 255
		Prism		000 - 255
		Prism		000 - 255
		Frost		000 - 255
		Red		000 - 255
		Green		000 - 255
		Blue		000 - 255
		Lemon		000 - 255
	Reset	All Reset		OFF / RUN
		Factory		OFF / RUN

	Display	Language	CH / EN
		ShowFlip	ON / OFF
		ShowMode	30s / Show

Channel mode

23CH	32CH	FUNCTION	DMX VALUE	DESCRIPTION
1	1	Pan	0 - 255	
2	2	PanFine	0 - 255	
3	3	Tilt	0 - 255	
4	4	TiltFine	0 - 255	
5	5	PTSpeed	0 - 255	Motor Speed(Fast to slow)
6	6	Pan	0 - 9	No Effect
			10 - 130	Horizontal Rotation(Forward,fast to slow)
			131 - 134	Stop Rotation
			135 - 255	Horizontal Rotation(Forward,slow to fast)
7	7	Tilt	0 - 9	No Effect
			10 - 130	Horizontal Rotation(Forward,fast to slow)
			131 - 134	Stop Rotation
			135 - 255	Horizontal Rotation(Reverse,fast to slow)
8	8	Dimmer	0 - 255	Dimmer (Dim to bright)
/	9	Dimmer Fine	0 - 255	
9	10	Strobe	0 - 3	off
			4 - 103	Pattern Strobe(Slow to Fast)
			104 - 107	Strobe(open)
			108 - 207	Pulse Strobe (Slow to Fast)
			208 - 212	Open
			213 - 251	Random Strobe(Slow to Fast)
			252 - 255	Open
10	11	Red	0 - 255	Red(brightness:Dim to bright)
/	12	Red Fine	0 - 255	
11	13	Green	0 - 255	

/	14	Green Fine	0 - 255	
12	15	Blue	0 - 255	
/	16	Blue Fine	0 - 255	
13	17	Lemon	0 - 255	
/	18	Lemon Fine	0 - 255	
14	19	Focus	0 - 255	Zoom
15	20	Rotation	0 - 127	Linear
			128 - 191	Clockwise waterfall(fast to slow)
			192 - 255	Counter-clockwise waterfall(slow to fast)
16	21	Frost	0 - 127	No effect
			128 - 255	Frost
17	22	CTO	0 - 255	
	23	Marco	0 - 255	
18	24	Ring Dimmer	0 - 255	Brightness from dim to bright
19	25	Ring Strobe	0 - 49	Open
			50 - 200	Synchronous flashing
			201 - 210	Open
			211 - 255	Random flashing
20	26	Ring Red	0 - 255	Brightness dim to bright
21	27	Ring Green	0 - 255	
22	28	Ring Blue	0 - 255	
/	29	Ring Macro	0 - 255	
/	30	Ring Effect	0 - 2	No effect
			3 - 5	Ring effect 1
			6 - 8	Ring effect 2
			9 - 11	Ring effect 3
				
			216 - 218	Ring effect 72
			219 - 255	Ring effect 73
/	31	Effect Speed	0 - 255	
23	32	Function	0 - 219	No function
			220 - 229	All motors reset
			230 - 255	No function

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!