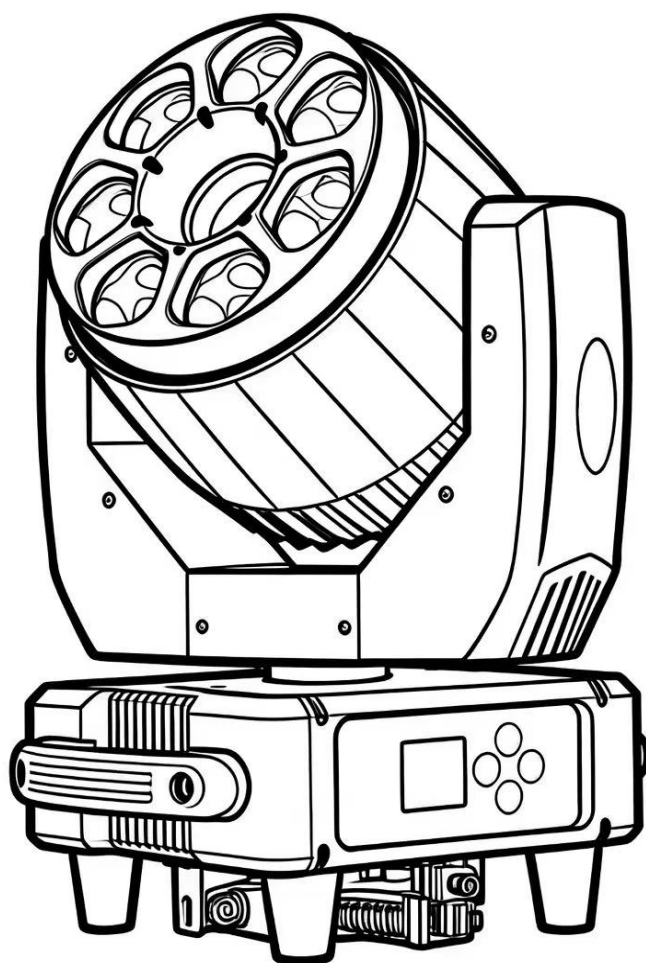


Beelaser 740



USERMANUAL

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 2th 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: AC100V-240V 50-60Hz

Maximum Power: 450W

Light Source: 7 pcs 40W RGBW 4in1 LED

Laser Source: 8W RGB laser

Galvanometer: 20kpps

Galvanometer Angle: $\pm 20^\circ$

LED Lifespan: 50,000H

Display: Color screen

Zoom Angle: 4.5° - 45°

Control Modes: DMX512, sound control, auto-run

Dimensions: 204mm290mm359mm

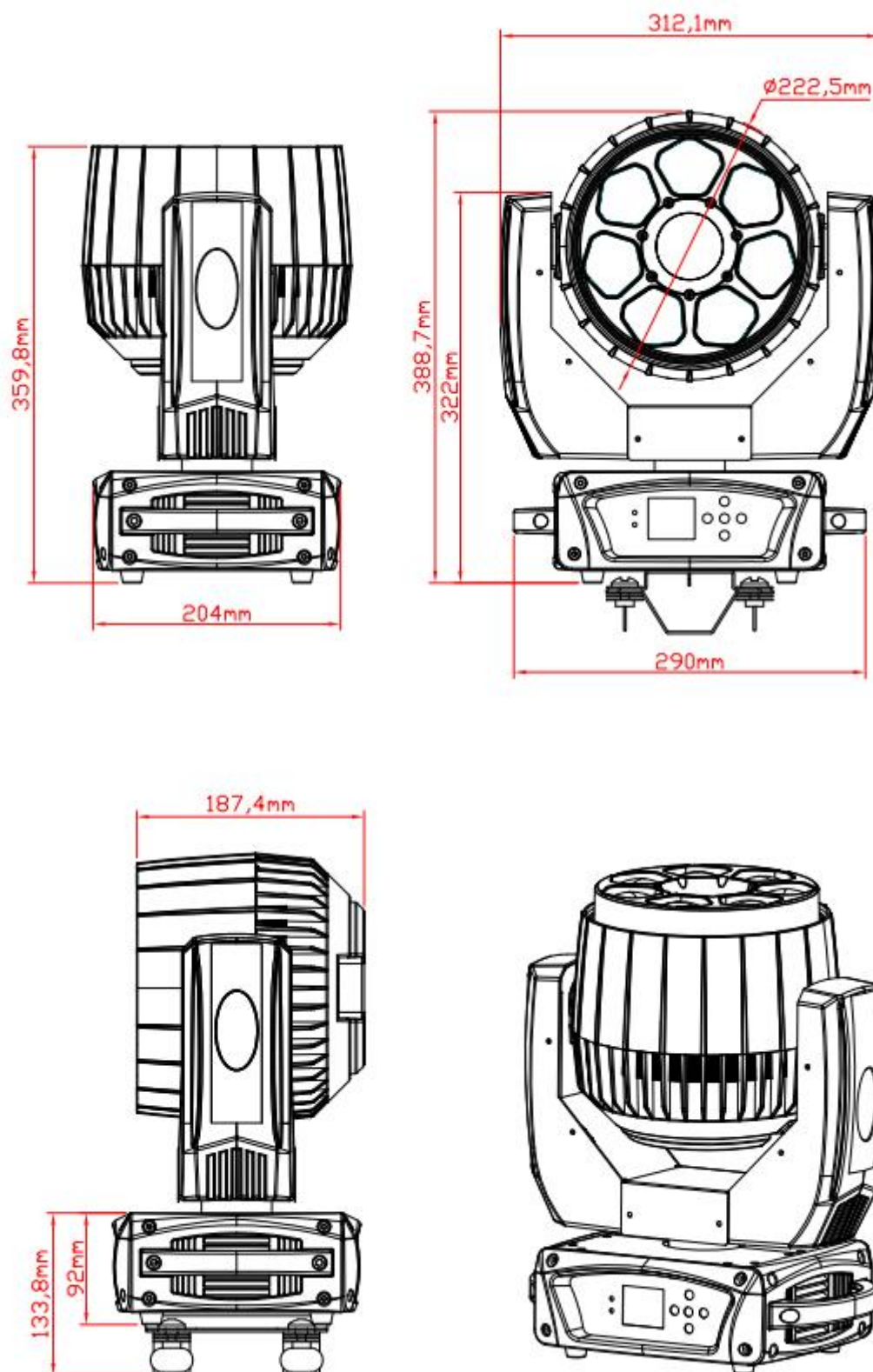
Net Weight: 10.5Kg

Functional Effects:

Wash, Beam, Effect modes (vortex, kaleidoscope), animated laser effects

The front lens infinite rotate, LED pixel control, animated laser can output point, line, and surface laser effects.

FIXTURE SIZE



CHANNEL LIST

1: 42CH

CH	Function	Value	Description
1	X	0-255	0-540
2	X Fine	0-255	16bit
3	Y	0-255	0-205
4	Y Fine	0-255	16bit
5	XY speed	0-255	From fast to slow
6	Zoom	0-255	From small to big linear adjust
7	Rotation	0-127	0~60 degree
		128-188	Reverse clockwise from fast to slow infinite rotate
		189-193	Stop rotate
		194-255	Click wise from slow to fast infinite rotate
8	ALL dimmer	0-255	From dark to bright linear dimmer
9	Strobe	0-19	Off
		20-24	Light on
		25-69	Ordinary Strobe
		70-89	Fast open slow off(From fast to slow)
		90-109	Slow open Fast off(From fast to slow)
		110-129	Random strobe
		130-149	Random Fast open slow off(From fast to slow)
		150-169	Random Slow open Fast off(From fast to slow)
		170-189	pulse strobe(From fast to slow)
		190-209	Random pulse strobe(From fast to slow)
		210-229	Gradually brightens and dims(From fast to slow)
		230-244	pulse strobe2(From fast to slow)
		245-255	Light on
10	R	0-255	From dark to bright linear dimmer
11	G	0-255	From dark to bright linear dimmer

12	B	0-255	From dark to bright linear dimmer
13	W	0-255	From dark to bright linear dimmer
14	Colour temperature	0-255	Colour temperature adjustment
15	Color Gradient	0-255	Color macro function
16	Built-in effects	0-19	Dimming mode
		20-255	Effect 1-13(20 Quantity One Effect)
17	Effect Speed	0-127	Effect speed forward rotation from fast to slow
		128	Stop
		129-255	Effect speed reversal from slow to fast
18	R-Background	0-255	Built-in effect background red 0-100%
19	G-Background	0-255	Built-in effect background Green 0-100%
20	B-Background	0-255	Built-in effect background Blue 0-100%
21	W-Background	0-255	Built-in effect background white 0-100%
22	Reset	0-25	No function
		26-76	Effect motor reset(5s reset)
		77-127	XY motor reset(5s reset)
		128-255	All motors reset (5s reset)
23	Light on/off	0	Light off
		1 ~ 255	Light on 1-100%
24	Strobe	1 ~ 255	Strobe speed selection
25	Horizontal position	0 ~ 255	Horizontal position selection, the value 128 represents the center position, CH3:1-255
26	Vertical position	0 ~ 255	Vertical position selection, the value 128 represents the center position, CH3:1-255
27	Pattern file	0 ~ 255	Select a pattern file from the pattern library file
28	Colour	0~63	Fixed color selection
		64 ~ 95	Fixed color/Color change effect speed selection
		96 ~ 127	Color change effect speed selection
		128 ~ 159	Color change effect speed selection / Flowing water effect speed selection
		160 ~ 191	Flowing water effect speed selection
		192 ~ 223	Flowing water effect speed selection
		224 ~	Gradual rendering effect speed selection

		255	
29	Line scanning speed	0 ~ 127	Line scanning speed selection
	Point scanning speed	128 ~ 255	Point Scanning speed selection
30	Pattern library and effect library	0 ~ 255	Select one pattern library and effect library for every 8 numerical values
31	Automatically triggered	0 ~ 26	Default self-propelled speed
		27 ~ 127	Select the self-propelled speed
	Voice-activated triggering	128 ~ 255	Select voice control sensitivity
32	Rotate Z	1 ~ 127	Rotation Z angle selection
		128 ~ 255	Rotation Z speed selection
33	Rotate X	1 ~ 127	Rotation X angle selection
		128 ~ 255	Rotation X speed selection
34	Rotate Y	1 ~ 127	Rotation Y angle selection
		128 ~ 255	Rotation Y speed selection
35	Horizontal movement	1 ~ 127	position selection
		128 ~ 255	speed selection
36	Vertical movement	1 ~ 127	position selection
		128 ~ 255	speed selection
37	Zoom	1 ~ 127	size selection
		128 ~ 255	speed selection
38	Gradual Draw	1 ~ 255	speed selection
39	X Wave	1 ~ 127	X Wave speed selection
	Y Wave	128 ~ 255	Y Wave speed selection
40	R	0 ~ 255	R 0-100%
41	G	0 ~ 255	G 0-100%
42	B	0 ~ 255	B 0-100%

2: 70CH Pixel Control Mode

CH	FUNCTION	Value	Description
1	X	0-255	0-540
2	X Fine	0-255	16bit
3	Y	0-255	0-205
4	Y Fine	0-255	16bit
5	XY Speed	0-255	From fast to slow
6	Zoom	0-255	From small to big linear adjust
7	Rotation	0-127	0~60 degree
		128-188	Reverse clockwise from fast to slow infinite rotate
		189-193	Stop rotate
		194-255	clockwise from slow to fast infinite rotate
8	All dimmer	0-255	From dark to bright linear dimmer
9	strobe	0-19	Light off
		20-24	Light on
		25-69	Ordinary Strobe
		70-89	Fast open slow off(From fast to slow)
		90-109	Slow open fast off(From fast to slow)
		110-129	Random strobe
		130-149	Random Fast open slow off(From fast to slow)
		150-169	Random Slow open fast off(From fast to slow)
		170-189	Pulse Strobe(From fast to slow)
		190-209	Random pulse strobe(From fast to slow)
		210-229	Gradually brightens and dims(From fast to slow)
		230-244	pulse strobe 2(From fast to slow)
		245-255	Light on
10	R	0-255	From dark to bright linear dimmer
11	G	0-255	From dark to bright linear dimmer
12	B	0-255	From dark to bright linear dimmer
13	W	0-255	From dark to bright linear dimmer
14	Colour temperature	0-255	Colour temperature

			adjustment
15	Color gradient	0-255	Color macro function
16	Built-in effects	0-19	Dimming mode
		20-255	Effect 1-13(20 Quantity One Effect)
17	Effect Speed	0-127	Effect speed forward rotation from fast to slow
		128	Stop
		129-255	Effect speed reversal from slow to fast
18	R-Background	0-255	Built-in effect background red 0-100%
19	G-Background	0-255	Built-in effect background Green 0-100%
20	B-Background	0-255	Built-in effect background Blue 0-100%
21	W-Background	0-255	Built-in effect background White 0-100%
22	Reset	0-25	No function
		26-76	Effect motor reset(5S reset)
		77-127	XY motor reset(5S reset)
		128-255	ALL motor reset(5S reset)
23	R1	0-255	R1 From dark to bright linear dimmer
24	G1	0-255	G1 From dark to bright linear dimmer
25	B1	0-255	B1 From dark to bright linear dimmer
26	W1	0-255	W1 From dark to bright linear dimmer
27	R2	0-255	R2 From dark to bright linear dimmer
28	G2	0-255	G2 From dark to bright linear dimmer
29	B2	0-255	B2 From dark to bright linear dimmer
30	W2	0-255	W2 From dark to bright linear dimmer
31	R3	0-255	R3 From dark to bright linear dimmer
32	G3	0-255	G3 From dark to bright linear dimmer
33	B3	0-255	B3 From dark to bright linear dimmer
34	W3	0-255	W3 From dark to bright linear dimmer
35	R4	0-255	R4 From dark to bright linear dimmer
36	G4	0-255	G4 From dark to bright linear dimmer
37	B4	0-255	B4 From dark to bright linear dimmer
38	W4	0-255	W4 From dark to bright linear dimmer
39	R5	0-255	R5 From dark to bright linear dimmer
40	G5	0-255	G5 From dark to bright linear dimmer
41	B5	0-255	B5 From dark to bright linear dimmer
42	W5	0-255	W5 From dark to bright linear dimmer

43	R6	0-255	R6 From dark to bright linear dimmer
44	G6	0-255	G6 From dark to bright linear dimmer
45	B6	0-255	B6 From dark to bright linear dimmer
46	W6	0-255	W6 From dark to bright linear dimmer
47	R7	0-255	R7 From dark to bright linear dimmer
48	G7	0-255	G7 From dark to bright linear dimmer
49	B7	0-255	B7 From dark to bright linear dimmer
50	W7	0-255	W7 From dark to bright linear dimmer
51	Light on/off	0	Light off
		1 ~ 255	Light on 1-100%
52	Strobe	1 ~ 255	Strobe speed selection
53	Horizontal position	0 ~ 255	Horizontal position selection, the value 128 represents the center position, CH3:1-255
54	Vertical position	0 ~ 255	Vertical position selection, the value 128 represents the center position, CH3:1-255
55	Pattern file	0 ~ 255	Select a pattern file from the pattern library file.
56	Colour	0~63	Fixed color selection
		64 ~ 95	Fixed color / Color-changing effect speed selection
		96 ~ 127	Color change effect speed selection
		128 ~ 159	Color change effect speed selection / Flowing light effect speed selection
		160 ~ 191	Flowing light effect speed selection
		192 ~ 223	Flowing light effect speed selection
57	Line scanning speed	0 ~ 127	Line scanning speed selection
	Point Scanning speed	128 ~ 255	Point Scanning speed selection
58	Pattern Library and Effects Library	0 ~ 255	Select one pattern library and effect library for every 8 numerical values.
59	Automatically trigger	0 ~ 26	Default self-propelled speed
		27 ~ 127	Select the self-propelled speed
	Voice-activated trigger	128 ~ 255	Select voice control sensitivity
60	Rotate Z	1 ~ 127	Rotation Z angle selection
		128 ~ 255	Rotation Z Speed selection
61	Rotate X	1 ~ 127	Rotation X angle selection
		128 ~	Rotation X Speed selection

		255	
62	Rotate Y	1 ~ 127	Rotation Y angle selection
		128 ~ 255	Rotation Y Speed selection
63	Horizontal movement	1 ~ 127	Horizontal movement position selection
		128 ~ 255	Horizontal movement Speed selection
64	Vertical movement	1 ~ 127	Vertical movement position selection
		128 ~ 255	Vertical movement Speed selection
65	Zoom	1 ~ 127	Zoom Size selection
		128 ~ 255	Zoom Speed selection
66	Gradual Draw	1 ~ 255	Gradual Draw Speed selection
67	X Wave	1 ~ 127	X Wave Speed selection
	Y Wave	128 ~ 255	Y Wave Speed selection
68	R	0 ~ 255	R 0-100%
69	G	0 ~ 255	G 0-100%
70	B	0 ~ 255	B 0-100%

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.