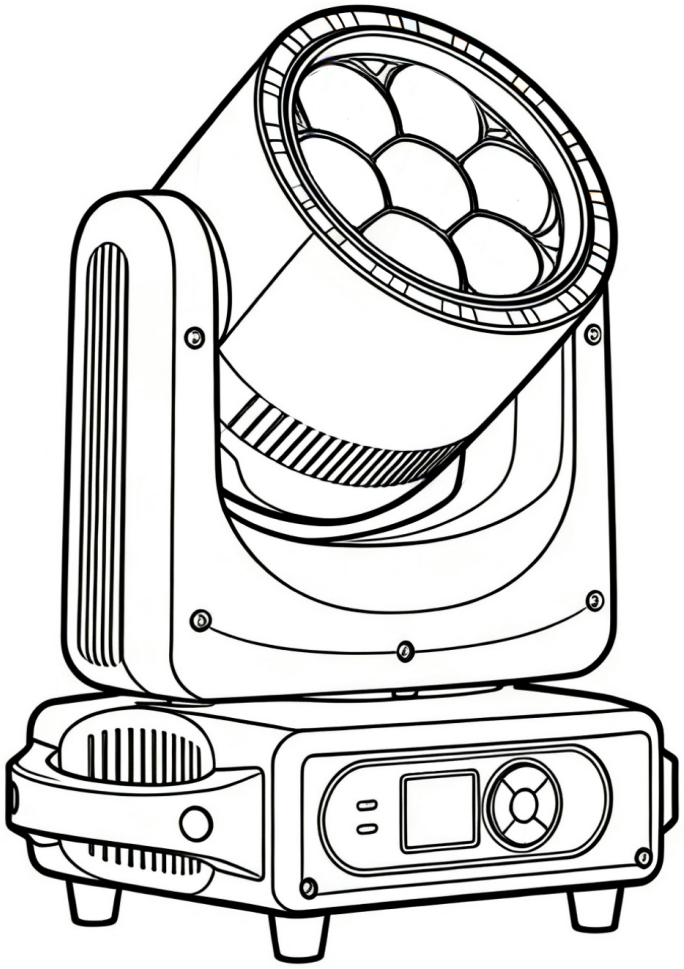
MINI B-EYE 4007



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/Folding clamp 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!

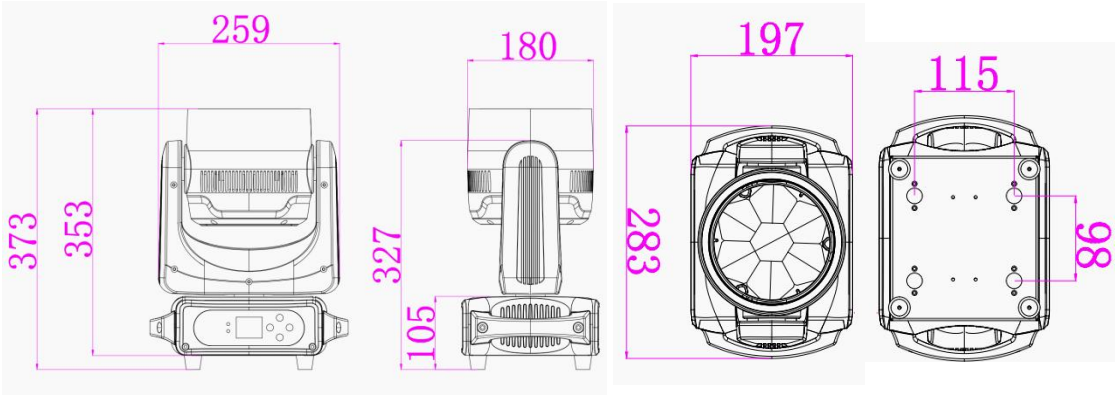
Disconnect from mains before starting maintenance operation!

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 !

SIZE DRAWING



DISPLAY PANEL



Menu key: Enter / Return to the main menu.
Up key: Selection/ parameter increments.
Down key: Selection/ parameter decrement.
OK key: Select menu function, make sure and save it when parameters are modified.

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MENU FUNCTIONS

After the power-on machine is reset, press menu key to enter main menu(main menu interface exits after no operation for 30 seconds), as shown in the main menu function table(total 5pcs main menu options) ;select main menu by up or down key, enter OK key to modify functional parameters of each menu, then press the OK key to save current functional parameters(after saving, it has power-down memory).

MENU	SUBMENU	DISCRIBTION
System Setting	DMX address	Modify code (001-512), OK key saved, default 001.
	Coder	Modify Open/ Close, OK key saved, default open.
	X Reversal	Modify Open/ Close, OK key saved, default close.
	Y Reversal	Modify Open/ Close, OK key saved, default close.
Operating Mode	Mode	Run mode DMX/ voice/ auto, OK key saved, default DMX.
	Channel select	CH25, CH26, CH30, CH58, OK key saved, default CH25.
Manual Control	X	Modify parameter values(000-255), OK key saved, default 000.
	X fine adjust	Modify parameter values(000-255),OK key saved, default 000.
	Y	Modify parameter values(000-255),OK key saved, default 128.
	Y fine adjust	Modify parameter values(000-255),OK key saved, default 000.
	XY Speed	Modify parameter values(000-255),OK key saved, default 000.
	Dimming	Modify parameter values(000-255),OK key saved, default 255.
	Strobe	Modify parameter values(000-255),OK key saved, default 000.

	Red	Modify bead brightness(000-255),OK key saved, default 255.	
	Green	Modify bead brightness(000-255), OK key saved, default 255.	
	Blue	Modify bead brightness(000-255), OK key saved, default 255.	
	White	Modify bead brightness(000-255), OK key saved, default 255.	
	Dimming	Modify parameter values(000-255), OK key saved, default 000.	
	Mode	Modify parameter values(000-255), OK key saved, default 000.	
	Speed	Modify parameter values(000-255), OK key saved, default 000.	
	Color temp	Modify parameter values(000-255), OK key saved, default 000.	
	Reset	Modify parameter values(000-255), OK key saved, default 000.	
Display Setting	Language	Select Chinese / EN (English), OK key saved, default Chinese.	
	Inverted display	Modify Open/ Close, OK key saved, default close.	
	Screen proof	Modify Open/ Close, OK key saved, default open.	
	Version	Program identification code, can not be modified.	
Factory Setting	Please enter password to display ! Modify to 138, and press OK key to enter factory settings.	X	Modify parameter values(000-255), OK key saved, default 128.
		Y	Modify parameter values(000-255), OK key saved, default 128.
		Focus	Modify parameter values(000-255), OK key saved, default 128.
		Rotate	Modify parameter values(000-255), OK key saved, default 128.
		Red	Modify lamp bead current(032-255), OK key saved, default 252.
		Green	Modify lamp bead current(032-255), OK key saved, default 252.
		Blue	Modify lamp bead current(032-255), OK key saved, default 252.
		White	Modify lamp bead current(032-255), OK key saved, default 252.
		Current	Modify current(000-007),OK key saved, default 004.
		Speed	Modify speed(032-255), OK key saved, default 000.
		Logo	Select 000 /001，OK key saved, default 000.
		Temp	Modify parameter values(40-70), OK key saved, default 065.
		Temp - fan	Modify Open/ Close, OK key saved, default open.

Master-slave control:

Two or more identical lamps are connected with DMX 3Pin signal line. All lamps are modified to any address code from 001 to 512, any one is set as the host, other lamps are slaves, all slave display not flash. When host is used to adjust gradient, pulse change, jump, voice control and self-walking effect, all slaves synchronize it.

Notice:

1. A group of lamps can only set a host, if more than one host, all lamps will flash and not synchronized.
2. All lamps must be closed in DMX512 console when master-slave machine to play a role.

DMX 512 Control:

All lamp address codes are set up, connected in parallel with the DMX 3Pin signal line to the DMX512 console. The address code stops flash, indicated DMX512 console signal has been sent to lamp. According to channel description, used DMX512 console to control related functions.

25CH

CH	Value	Function
1	000-255	X
2	000-255	X fine adjust
3	000-255	Y
4	000-255	Y fine adjust
5	000-255	XY speed
6	000-255	Focus
7	000-255	Rotate
8	000-255	Dimming
9	000-255	Strobe
10	000-255	R foreground color
11	000-255	G foreground color
12	000-255	B foreground color
13	000-255	W foreground color
14	000-255	Color temperature
15	000-255	Mode
16	000-255	Speed
17	000-255	R background color
18	000-255	G background color
19	000-255	B background color
20	000-255	W background color
21	000-255	Reset: Parameter value is maintained at 250-255 for 3 seconds, console parameter value must be pulled below 10 first, pushed to 250-255 will useful, no effect at 000-249 and cannot be reset.
22	000-255	Dimming RGB
23	000-255	Strobe
24	000-255	Mode
25	000-255	Speed

26CH

CH	Value	Function
1	000-255	R
2	000-255	G
3	000-255	B
4	000-255	W
5	000-255	Color temperature
6	000-255	Macro color
7	000-255	Strobe
8	000-255	Dimming
9	000-255	Dimming fine adjust
10	000-255	X
11	000-255	X fine adjust
12	000-255	Y

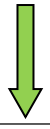
13	000-255	Y fine adjust
14	000-255	Focus
15	000-255	Rotate
16	000-255	None
17	000-255	Reset: Parameter value is maintained at 250-255 for 3 seconds, console parameter value must be pulled below 10 first, pushed to 250-255 will useful, no effect at 000-249 and cannot be reset.
18	000-255	Dimming RGB
19	000-255	Strobe RGB
20	000-255	R
21	000-255	G
22	000-255	B
23	000-255	Mode
24	000-255	Speed
25	000-255	Background color
26	000-255	Background dimming

30CH

CH	Value	Function
1	000-255	X
2	000-255	X fine adjust
3	000-255	Y
4	000-255	Y fine adjust
5	000-255	XY speed
6	000-255	Focus
7	000-255	Rotate
8	000-255	Dimming
9	000-255	Strobe
10	000-255	R foreground color
11	000-255	G foreground color
12	000-255	B foreground color
13	000-255	W foreground color
14	000-255	Color temperature
15	000-255	Mode
16	000-255	Speed
17	000-255	R background color
18	000-255	G background color
19	000-255	B background color
20	000-255	W background color
21	000-255	Reset: Parameter value is maintained at 250-255 for 3 seconds, console parameter value must be pulled below 10 first, pushed to 250-255 will useful, no effect at 000-249 and cannot be reset.
22	000-255	Dimming RGB
23	000-255	Strobe
24	000-255	R

25	000-255	G
26	000-255	B
27	000-255	Mode
28	000-255	Speed
29	000-255	Background color
30	000-255	Background dimming

58CH

CH	Value	Function
1	000-255	X
2	000-255	X fine adjust
3	000-255	Y
4	000-255	Y fine adjust
5	000-255	XY speed
6	000-255	Focus
7	000-255	Rotate
8	000-255	Dimming
9	000-255	Strobe
10	000-255	R foreground color
11	000-255	G foreground color
12	000-255	B foreground color
13	000-255	W foreground color
14	000-255	Color temperature
15	000-255	Mode
16	000-255	Speed
17	000-255	R background color
18	000-255	G background color
19	000-255	B background color
20	000-255	W background color
21	000-255	Reset: Parameter value is maintained at 250-255 for 3 seconds, console parameter value must be pulled below 10 first, pushed to 250-255 will useful, no effect at 000-249 and cannot be reset.
22	000-255	The first red lamp bead
23	000-255	The first green lamp bead
24	000-255	The first blue lamp bead
25	000-255	The first white lamp bead
… 	… … 	… … 
46	000-255	The 7th red lamp bead
47	000-255	The 7th green lamp bead
48	000-255	The 7th blue lamp bead
49	000-255	The 7th white lamp bead
50	000-255	Dimming RGB
51	000-255	Strobe

52	000-255	R
53	000-255	G
54	000-255	B
55	000-255	Mode
56	000-255	Speed
57	000-255	Background color
58	000-255	Background dimming

TECHINICAL PARAMETERS

Power supply: AC100~240V 50/60HZ

Total power: 350W

Light source: 7Pcs 40W RGBW 4in1 LED lamp beads

Control: DMX512, master-slave, auto run, sound activated, RDM

Channel: CH25，CH26，CH30，CH58

Dimming: 32bit 0~100% linear adjustment

Features: shake head+ wash+ flash+ rotation+ auxiliary light

Work temperature: -30~50

Frequency: 1~30HZ

Appearance: Metal, black

Connection mode: DMX512 input/ output, power input/ output

Protection level: IP20

Dimensions: 45* 30*36cm(L * W * H)

Net weight: 22KG

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!

Innovation, Quality, Performance