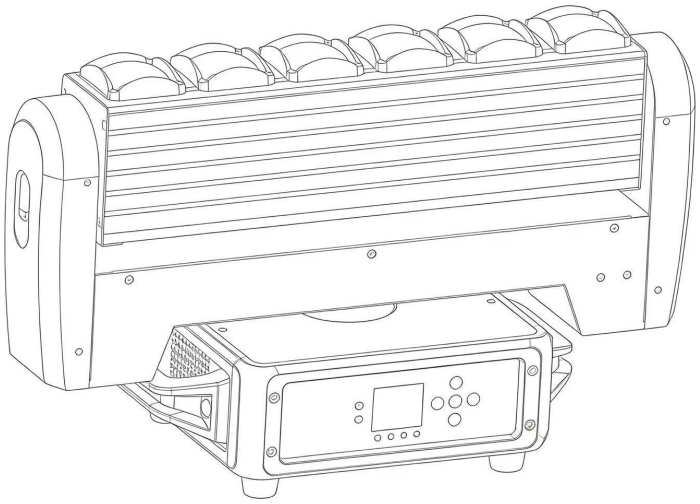
BLADE 2i



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 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

Lamp beads: 6070 lamp beads 6* 60W, 96 7070 lamp beads, divided into 12 sections.

EFFECTS

Dimming: 32bit 0-100% linear dimming
Features: XY shaking head+beam+burst flash+XY infinite
Strobe frequency: 1-30Hz

CONTROL & PROGRAM

Control mode: DMX512, self-propelled, master-slave, voice control, with RDM function
Channel: CH24, CH132

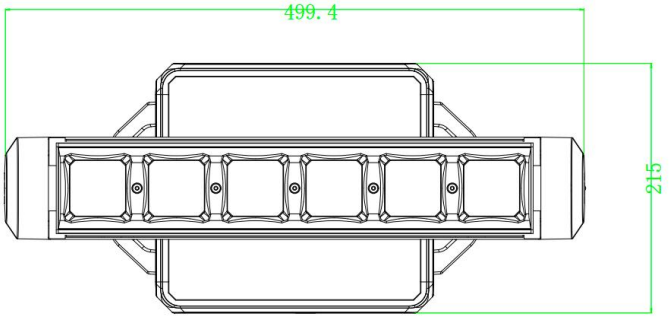
POWER SUPPLY

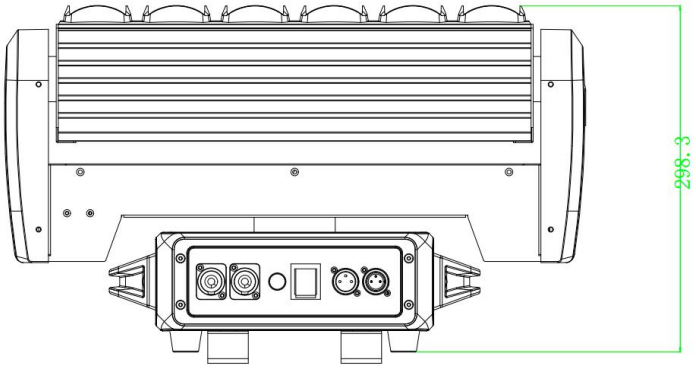
Voltage: AC100~240V 50/60HZ
Power: 500W

BODY

Appearance: Metal, black
IP level: IP20
Working temperature: -30 ˚ C~50 ˚ C

WEIGHT & SIZE





Definition of display panel and buttons



Menu key: Enter/return to the main menu

Up button: menu function up selection/parameter increment

Down button: menu function down selection/parameter decrease

Confirm key: Select the menu function and make a confirmation and save when modifying the menu function parameters.

Main Menu	Sub menu	Menu Function Description
1.System settings	1. DMA address	Modify the DMA address code up or down (with an optional range of 001–512), confirm to save, and default to 001.
	2. Encoder	Modify the encoder on/off up or down, save with the confirm button, and default to on.
	3. X Invert	Modify X up or down to reverse on/off, confirm to save, default to off.
	4. Y Invert	Modify Y up or down to reverse on/off, confirm to save, default to off.
	1、	Select the operation mode up or down, such as

2.Operating mode	Operating mode	DMA/voice control/automatic, and press the confirm button to save. The default mode is DMA.
	2. Channel selection	Select channel CH24/CH132 up or down, confirm to save, default to CH24.
3.Manual control	1. X-axis	Modify the operating parameter values of X motor up or down (adjustable range 000-255), confirm and save, default to 000.
	2. X-axis fine adjustment	Modify the operating parameter values of the X fine adjustment motor up or down (adjustable range 000-255), confirm and save, default to 128.
	4. Y-axis	Modify the Y-axis parameter values up or down (adjustable range 000-255), confirm to save, default to 000.
	5. Y-axis fine adjustment	Modify the Y fine-tuning parameter value up or down (adjustable range 000-255), confirm to save, default to 000.
	6. XY speed	Modify the XY speed parameter value up or down (adjustable range 000-255), confirm to save, default to 000.
	7. Dimming	Modify the dimming brightness value up or down (adjustable range 000-255), confirm to save, default to

		255.
	8. Strobe	Modify the strobe parameter value up or down (adjustable range 000–255), confirm to save, default to 000.
	9. Red	Modify the brightness of the red light bead up or down (adjustable range 000–255), confirm to save, default to 255.
	10. Green	Modify the green light bead brightness up or down (adjustable range 000–255), confirm to save, default to 255.
	11. Blue	Modify the brightness of the blue light bead up or down (adjustable range 000–255), confirm to save, default to 255.
	12. White	Modify the brightness of the white light bead up or down (adjustable range 000–255), confirm to save, default to 255.
	13. Mode	Modify the mode parameter values up or down (adjustable range 000–255), confirm to save, default to 000.
	14. Speed	Modify the speed parameter value up or down (adjustable range 000–255), confirm to save, default to 000.
	15. Backgrou	Modify the background color parameter value up or down (adjustable range 000–255), confirm to save,

	nd color	default to 000.	
	16. Backgrou nd tone light	Modify the background tone light parameter values up or down (adjustable range 000–255), confirm to save, default to 000.	
	17. Reset	The parameter value is reset for the entire machine between 150 and 255. The control panel parameter value must first be pulled below 10, and then pushed back to 150 and 255 to be effective. Parameter values between 000 and 149 are useless and cannot be reset.	
4.Display Settings	1. Language selection	Select Chinese/EN (English) up or down, confirm to save, default to Chinese.	
	2. Invert Settings	Select up or down to turn off/on the inverted display setting, confirm to save, default to off.	
	3. Screensav er	Select Close/Open screensaver up or down, and press OK to save it. It is on by default.	
	4. Software version	The identity code of the 03VA program cannot be modified.	
5.Factory settings	Display, please enter the	1. X–axis calibrati	Modify the parameters up or down (range 000–255), confirm and save, default to 128.

	password Code! Change up or down to 138, and then press the confirm button to enter the factory settings.	on	
		2. Y-axis calibration	Modify the parameters up or down (range 000-255), confirm and save, default to 128.
		3. Focusing calibration	Modify the parameters up or down (range 000-255), confirm and save, default to 128.
		5. Red	Modify the red light bead current (032-255) up or down, confirm to save, default to 220.
		6. Green	Modify the green light bead current (032-255) up or down, confirm to save, default to 220.
		7. Blue	Modify the blue light bead current (032-255) up or down, confirm to save, default to 220.
		8. White	Modify the white light bead current (032-255) up or down, confirm to save, default to 220.
		9. Speed	Modify the speed parameters up or down (range 000-255), confirm and save, default to 065.
		10. Current	Select 000/007 up or down, confirm to save, default to 000.
		11、Logo	Select 000/001 up or down, confirm to save,

			default to 000.
		12. Temperature	Modify the temperature parameters up or down (range 40–70), confirm and save, default to 065.
		13. Temperature – Fan	Select up or down to turn off/on temperature fan control, confirm to save, default to on.

CHANNEL LIST

24CH

CH	Value	DESCRIPTION
1	000–255	X–axis
2	000–255	X–axis infinite
3	000–255	X fine tuning
4	000–255	Y–axis
5	000–255	Y–axis infinite
6	000–255	Y fine tuning
7	000–255	XY speed
8	000–255	Total dimming
9	000–255	Strobe
10	000–255	Red (A–side)
11	000–255	Green (A–side)
12	000–255	Blue (A–side)

13	000–255	White (A–side)
14	000–255	Mode (A–side)
15	000–255	Speed (A–side)
16	000–255	Red (Side B)
17	000–255	Green (B–side)
18	000–255	Blue (B–side)
19	000–255	White (B–side)
20	000–255	Mode (B–side)
21	000–255	Speed (B–side)
22	000–255	Background color
23	000–255	Background tone light
24	000–255	Reset: When the parameter value is between 150 and 255, the entire machine is reset. The control panel parameter value must first be pulled below 10, and then pushed to 150 to 255 to be effective. Parameter values between 000 and 149 are useless and cannot be reset.

132CH

CH	Value	DESCRIPTION
1	000–255	X–axis
2	000–255	X–axis infinite
3	000–255	X fine tuning
4	000–255	Y–axis
5	000–255	Y–axis infinite
6	000–255	Y–axis fine adjustment

7	000–255	XY speed
8	000–255	Total dimming
9	000–255	Strobe
10	000–255	Red (A–side)
11	000–255	Green (A–side)
12	000–255	Blue (A–side)
13	000–255	White (A–side)
14	000–255	Mode (A–side)
15	000–255	Speed (A–side)
16	000–255	Red (Side B)
17	000–255	Green (B–side)
18	000–255	Blue (B–side)
19	000–255	White (B–side)
20	000–255	Mode (B–side)
21	000–255	Speed (B–side)
22	000–255	Background color
23	000–255	Background tone light
24	000–255	Reset: When the parameter value is between 150 and 255, the entire machine is reset. The control panel parameter value must first be pulled below 10, and then pushed to 150 to 255 to be effective. Parameter values between 000 and 149 are useless and cannot be reset.
25	000–255	Red 1 (Side A)
26	000–255	Green 1 (Side A)

27	000–255	Blue 1 (Side A)
28	000–255	White 1 (Side A)
…	… …	… …
45	000–255	Red 6 (Side A)
46	000–255	Green 6 (Side A)
47	000–255	Blue 6 (A–side)
48	000–255	White 6 (A–side)
49	000–255	Red 1 (Side B)
50	000–255	Green 1 (Side B)
51	000–255	Blue 1 (Side B)
…	… …	… …
118	000–255	Red 24 (Side B)
119	000–255	Green 24 (Side B)
120	000–255	Blue 24 (B–side)
121	000–255	1 White (B–side)
…	… …	… …
132	000–255	12 white (B–side)

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!