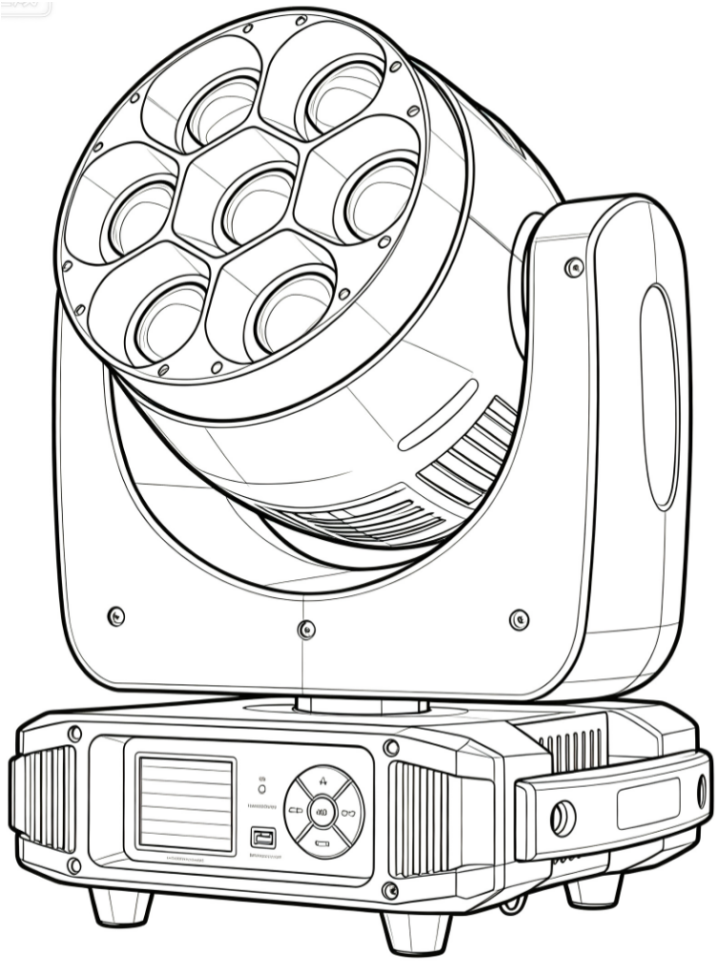
7 *40W Wash



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 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.

Product technical parameters:

Voltage: AC90-240v
Power: 350w
Frequency: 50-60Hz
Lamp beads: 7 40w OSRAM 4-in-1 lamp beads
Channel: 17CH
Control mode: DMX/master-slave/voice control
Horizontal scan: 540 degrees
Vertical scan: 270 degrees
Strobe: 1-25 times/sec or random
Display: LCD/English WQERFWSFRF
Net weight: 30kg
Size: 38*31*46cm(carton 1in1).

1. Adder (DMX512 Address Settings Page Menu).

DMX Address This option is used to set the DMX mailing address, the address presses the "UP" key to increment the address number, the opposite "DOWN" key can decrease the address number, select the address and press " Enter" saves the exit.

2. Set (this option goes into system settings).

(1) Run Mode This option is used to set the working mode of the lamp body, press the "Enter" key to enter the setting, press the "UP" key or the "DOWN" key to select the working mode, and the working mode is in turn " DMX"/DMX512 mode, "Autol1"/self-propelled mode 1, "Autol2." "/Self-propelled mode 2, "Sound"/S voice control mode, select the working mode and press " Enter" saves the exit.

(2) Channel Mode This option is channel settings, press the "Enter" key to enter the settings, press the "UP" key or " DOWN key for channel mode selection.

(3) Invert LCD This option is the inverted setting of the LCD font of the display board, press the "Enter" key to enter the setting, press the "UP" key or the "DOWN" key to switch the selection.

(4) Invert Pan\Invert Tilt This option is to reverse the X/Y axis direction, press the "Enter" key to enter the settings, press the "UP" key or "DOWN" Key to select whether the X/Y axis is reversed, "ON" indicates that the X/Y axis is reversed, and "OFF." Indicates that the X/Y axis is not reversed, select the direction and press "Enter" to save and exit.

(5) Pan-Tilt Swap This option is X/Y vertical swap switch setting, press the "Enter" key to enter the settings, press the "UP" key or "DOWN" key to select X/Y vertically, select "ON" for X/Y vertical on, and "OFF" for X/Y The axis closes vertically, select the direction and press "Enter" to save and exit.

(6) Encoder This option is an X/Y error correction switch, press the "Enter" key to enter

the settings, press the "UP" key or " "DOWN" key to select, select "ON" means that X/Y error correction function is turned on, and select "OFF" for X/Y Turn off the error correction function and press "Enter" to save and exit.

(7) No Signal This option is whether the luminaire has no signal to maintain the previous working state, press the "Enter" key to enter the settings, press the "UP" key or "DOWN" key to select the luminaire state, select " Clean" means that the luminaire has no signal input to clear the previous step of the work state, automatically restore the initial state of the boot reset completed, select "Keep" means that the luminaire will remember the previous step of work state when there is no signal input, keep the previous step of work state unchanged, press "Enter" to save and exit.

(8) Screen Saver This option is the LCD backlight long light switch, press the "Enter" key to enter the settings, press the "UP" key or "DOWN" key to select the LCD backlight status, select ON" means that the LCD screen protector is turned off after 15 seconds after the LCD screen protector takes effect, select "OFF" means that the LCD screen protector is off, the LCD backlight will always be on, press "Enter" to save and exit.

(9) Language This option is displayed Chinese\ English toggle, press the "Enter" key to enter the settings, press the "UP" key or "DOWN" key to select, Select "EN" for English display, select "Chinese" for Chinese display, press "Enter" to save and exit.

(10) Load Default This option is the lamp reset switch, press the "Enter" key to enter the settings, press the "UP" key or "DOWN" key to select, select "OK." Press "Enter" luminaire to enter the reset state, select "Cancel" and press "Enter" to exit the page.

3. Check (luminaire goes into manual mode).

This option is to set the lamp body scene parameters, press the "Enter" key to enter the save, after the power off, the next boot can restore the previous power on state.

PAN	X-axis position
PAN Fine	X-axis fine tuning
TILT	Y-axis position
TILT Fine	Y-axis fine tuning
P-T _S peed	XY speed
ZOOM	focus
Dimmer	total dimming
Strobe	strobe
Red	red dimming
Green	green dimming
Blue	blue dimming
White	white dimming
Macros	macro features
CTO	color temperature
Dy Eff	dynamic effect

Eff Speed Dynamic Effects Speed
Reset reset

4. Calib (System Calibration).

Motor Calibration System Internal Settings Settings XY Trimming and Lamp Bead White Balance Parameters Initial Password 0000 Press "Enter" to enter the settings.

PAN X-axis fine-tuning
TILT Y-axis fine-tuning
ZOOM focus fine-tuning
Dimmer total dimming
MIC voice sensitivity
Red red current
Green green current
Blue current
White white current
Chabge Code To modify the password (Press "Enter" to enter the settings, press the "UP" key or the "DOWN" key to select the password value, press "Enter" to save and exit , the system calibration password modification is complete).

5. Test (Luminaire Test Mode).

6. Note (System Information).

System Info system information

M.Firm: V0.00 motor board

D. Firm: V1.01 display board

Error: USART reset failed: XY communication

7. Reset

After the user selects reset, wait 3 seconds, and the lamp body will be reset.

Channel List

17 channels	function	DMX numeric value	description
1	X-axis	0-255	0 ~ 540 degrees
2	X-axis fine-tuning	0-255	16bit adjustable
3	Y-axis	0-255	0 ~ 270 degrees
4	Y-axis fine-tuning	0-255	16bit adjustable
5	XY speed	0-255	XY axis (horizontal, vertical) speed

			from fast to slow
6	Focusing	0-255	Focus out the light from near to far
7	Total dimming	0-255	Linear dimming from dark to light
8	Strobe	0-9	No functionality
		10-154	Synchronous strobe speed from slow to fast (1HZ ~ 25HZ).
		155-204	Random strobe
		205-255	Lightning stroboscopic
9	LED1R dimming	0-255	Area 1 red dimming from dark to light
10	LED1G dimming	0-255	Area 1 green dimming from dark to light
11	LED1B dimming	0-255	Area 1 blue dimming from dark to light
12	LED1W dimming	0-255	Area 1 white dimming from dark to light
13	Priority 5: COT color temperature	0-9	No functionality
		10-255	10000K-2500K
14	Priority 4: Color effect	0-9	No functionality
		10-19	Built-in color effect 1
		20-29	Built-in color effect 2
		30-39	Built-in color effect 3
		40-49	Built-in color effect 4
		50-59	Built-in color effect 5
		60-69	Built-in color effect 6
		70-79	Built-in color effect 7
		80-89	Built-in color effect 8
		90-99	Built-in color effect 9
		100-109	Built-in color effect 10
		110-119	Built-in color effect 11
		120-129	Built-in color effect 12
		130-139	Built-in color effect 13
		140-149	Built-in color effect 14
		150-159	Built-in color effect 15
		160-169	Built-in color effect 16
		170-179	Built-in color effect 17
		180-189	Built-in color effect 18
		190-199	Built-in color effect 19
		200-209	Built-in color effect 20
		210-224	Color transition effect display (built-in effect)
		225-239	Color pulsation effect display (built-in effect).
		240-255	Color gradient effect display

			(built-in effect)
15	Priority 2: Dynamic effects	0-9	No functionality
		10-33	Built-in dynamic effect 1
		34-57	Built-in dynamic effects2
		58-81	Built-in dynamic effects 3
		82-105	Built-in dynamic effects 4
		106-129	Built-in dynamic effects 5
		130-153	Built-in dynamic effects6
		154-177	Built-in dynamic effects7
		178-201	Built-in dynamic effects8
		202-225	Built-in dynamic effects9
		226-255	Built-in dynamic effects 10
16	Light effect speed	0-255	From fast to slow
17	reposition	0-239	No functionality
		240-250	Lamp body reset, 3s effective.
		251-255	No functionality

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.