

350W Outdoor Waterproof Beam Light



USER MANUAL



**KEEP THIS MANUAL FOR
FUTURE NEEDS**

CONTENTS

1. Introduction.....	3
2. General Guidelines.....	3
3. Safety Instructions.....	4
4. Installation Instructions.....	5
5. Cleaning and Maintenance.....	6
6. Technical Parameters.....	7
7. Gobo&Color.....	8
8. Menufunction.....	9
9. Programme.....	10
10. DMX Channels.....	11
11. Remark.....	11



Do not place in the low-lying ground

CAUTION!



Safety ground wire

CAUTION!



Unplug mains lead before opening the housing.

INTRODUCTION:

Thank you for having chosen our moving heads.

Unpack the device. Inside the carton box you should find:

1. One power cable
2. One 3-pin DMX cable

Please check carefully that there is no damage caused by transportation. Should there be any, please consult your dealer and don't install this device.

GENERAL GUIDELINES

The device was designed for indoor and outdoor use .

Lighting effects are not intended for continuous, permanent operation. Ensuring consistent breaks in operation will help extend the device's lifespan without experiencing any defects. Keeping the unit on without interruption for extended hours is not the intended usage.

Please refrain from shaking the device and exercise care when installing or using it. Avoid applying excessive force. Additionally, avoid directing the beam towards flammable materials. Ensure that the minimum distance between the projector's light output and the illuminated surface is greater than 30 feet.

Operate the device only after becoming acquainted with its functions. Do not allow individuals who are not qualified to operate the device. Most damages occur due to inexperienced operation. We are not responsible for damage for improper use.

When moving around please make sure to protect the head and restrain the head from moving around. This can cause damage.

In the interest of safety, it is essential to note that any alterations to the device are strictly prohibited. Operating the device in a manner not described in this manual may result in product damage and void the warranty. Additionally, any other form of operation could potentially lead to risks such as short-circuits , burns, electric shock, lamp explosions, accidents, and more.

SAFETY INSTRUCTIONS



CAUTION!

Be careful with your operations. With a dangerous voltage you can suffer a dangerous electric shock when touching wires!

The device was shipped from the factory after rigorous testing and quality check . To maintain this condition and ensure safe operation , it is crucial for the user to comply with the safety instructions and cautionary notes outlined in this user manual.

1. You must insure qualified professionals are only ones permitted to perform lamp installation, operation, and maintenance, provided that they ensure strict compliance with the referenced instructions. Having an unqualified person install unit may void warranty.
2. When using the lamp, it is important to ensure that the power voltage fluctuation remains within a range of $\pm 10\%$. Excessive voltage can reduce the lifespan of the light, while insufficient voltage may result in dim illumination.
3. After turning off the light, please wait for a full cooling period of 20 minutes before restarting it. Frequent switching can diminish the longevity of lamps and bulbs, while intermittent usage will enhance the lifespan of bulbs and lamps.
4. If the device has been subjected to temperature variations due to environmental changes, i.e . snow, rain, etc. refrain from turning it on immediately. The resulting condensation could potentially harm the device and will void warranty. Please keep the device switched off until it reaches room temperature.
5. This device is categorized as protection-class unit. Hence, it is imperative that the device is properly grounded. The electrical connection must be carried out by a qualified individual.

6. Make sure the power cord is never crimped or damaged by sharp edges. If cut the cord should be replaced to avoid any issues.

7. 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.

8. 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.

9. Please don't project the beam onto combustible substances as this can lead to fire or explosion.

▲ Any damages resulting from neglecting the instructions in this user manual are not covered by the warranty . Use of moving head by non-professional can void warranty. These are not a toy. The dealer will not assume responsibility for any resulting defects or issues .



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 will void warrantrt. Improper use of device will void warranty. Keep away from children and non-professionals.



CAUTION!

Only install the lamp with the device unplugged from the mains.



CAUTION!

The lamp has to be replaced when it is damaged or deformed.

Before replacing the lamp let the lamp cool down, because during operation, the lamp can reach very high temperature.

During the installation of halogen lamps do not touch the glass bulbs bare handed. Always use a cloth to handle the lamps during insertion and removal.

Do not install lamps with a higher wattage. They generate higher temperatures than which the device was designed for.

CLEANING AND MAINTENANCE

1. During long periods of non-use, disconnect the unit's main power.
2. It should be installed in a well-ventilated place, at a distance of 20 inches or more from any objects. 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, color lenses. Fixations and installations spots
- 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 sediment. 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. Not doing so will cause build up of dust and will void the warranty
- 3) A detailed electric check by approved electrical engineer about every 3 months is required to make sure that the circuit contacts are in good condition, prevent the poor contact of circuit from overheating. Please keep records as not performing the checks can void the warranty.
- 4) We recommend a frequent cleaning of the device. Please use a moist, lint-free cloth. Never use alcohol or solvents.
- 5) There are no serviceable parts inside the device except for the lamp. Please refer to the instructions under "Installation instructions".
- 6) Should you need any spare parts, please order genuine parts from your local dealer.

TECHNICAL PARAMETERS

POWER SUPPLIE

Input power: 100-240V 50/60 Hz

LAMP SOURCE

Discharge lamp with a short arc burner in a reflector system

- Output Lamp power: 600W
- Color temperature: 8,500 K
- Average life: 500 to 1,000 h

OPTICS

3-lens optical group combination

Focus: electronic

Light output at 30 feet: About 160000 lux

COLOR SYSTEM

Interchangeable color wheel with 14 colors + open

EFFECTS SECTION

Interchangeable gobo wheel with 17 fixed gobos + open High speed shake effect

8-face rotating

prism Frost filter

Mechanical shutter and adjustable speed strobe effect Mechanical dimmer

CONTROL AND PROGRAMMING

16 DMX 512 control channels Display:

LCD display

Pan/Tilt Resolution: 16 bit Movement control: vectorial

DMX signal connection: 3 PIN output

MOVING BODY

Travel: -PAN = 540° - TILT = 210°

ELECTRONICS

Function reset from the lighting desk
ON/OFF lamp control from the
lighting desk "AUTOTEST" function
from menu Electronic monitoring
with status error

SAFETY DEVICES

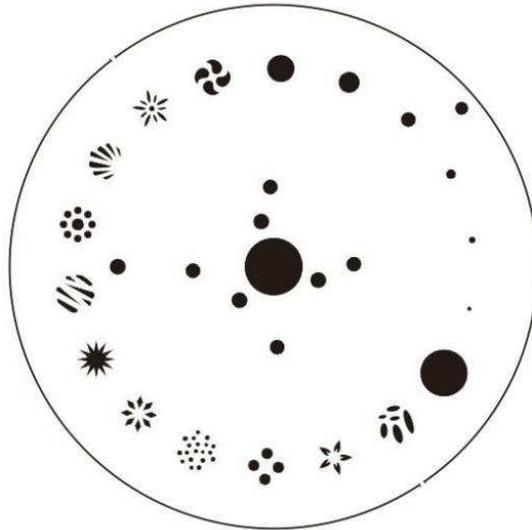
Bipolar circuit breaker with thermal protection.

Automatic break in power supply in case of overheating or failed operation of cooling system.

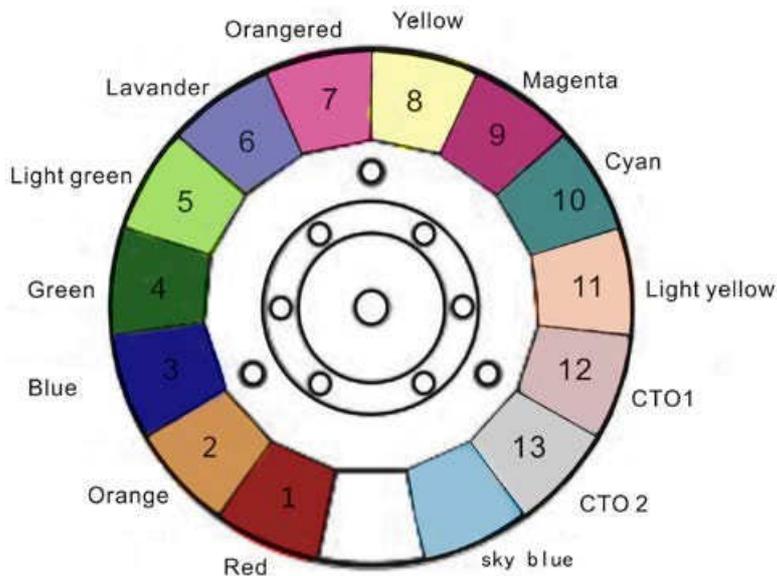
Forced ventilation with axial fans.

NET WEIGHT

About 62 lbs

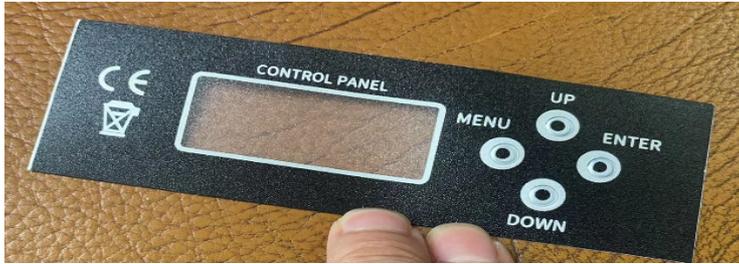


GOBO



COLOR

MENU FUNCTION



(Display) ---- (Setting) ---- (Run Mode) ---- DMX512

	---- Sound)
	---- Random
	---- (F-Sleep8)
	---- (F-Stand8)
	---- (Forward 0)
	---- (Drawup8)
	---- (Aoto1-4)
	---- (Program1-6)
	----(DMX Address) ----(001-512)
	----(Channel Mode) ----(Std.16CH)
	----(Ext.20CH)
	----(Invert Pan) ----(OFF)
	----(ON)
	----(Invert Tilt) ----(OFF)
	----(ON)
	----Pan-Tilt Swap) ----(OFF)
	----(ON)
	---- (Pan-Tilt Encoder) ----(OFF)
	----(ON)
	----(No DMX Signal) ----(KEEP)
	----(CLEAR)
	----(Display) ----(OFF)
	---- (ON)
	----(Lamp On@Startup) ----(OFF)
	----(ON)
	--(Linear Color) ----(OFF)
	----(ON)
	--Programme ---- (Program1-6)
	--(Load Default) ----
	--(Manual)
	--(System) --(Ver)
	--(DMX Monitor)
	--(System Errors)
	--Total Fixture Hours
	--(Advance)
	--(Partial Fixture Hours)
	--(Total Lamp Hours)
	--(Partial Lamp Hours)

Manual programm operating instructions

Homepage → Setting(Press 'OK') → Program(Press 'OK') → Program selection(1-6,press 'enter') → Manual program(Press 'enter')

Level 1 menu	Level 2 menu	Level 3 menu
SETTING	PROGRAM	PROGRAM SELECTION

Select a program and enter, interface as bellow:

Manual Programme			
Total Time			000
Cf Time			000
1.Color			000
2.Shutter/Strobe			000
Delete Step		Save Add	
Previous	00/0 0	Next	Save
Back	Up	Down	OK

- 1.Total 6 programs, max.20 scenes for each program
- 2.In program interface, channels above, operating buttons down. Total Time: Total time of this scene, the number is bigger, then the speed is slower, no time unit Cf Time: The time of schedule step in this scene, the number is bigger, then the speed is slower, no time unit
- 3.Press "OK" last for few seconds can be an operating button and also can be a channel value amending button
- 4."Delete Step": Delete the channel which display right now
- 5."Save Add": Increasing a new step to save the display channel
- 6."Previous": Checking previous step value and display with channel
- 7."01/2": Display scenes of manual program and current schedule steps
- 8."Next": Checking next step and display with channel
- 9."Save": Saving current display channel
- 10.Saved and quit, you can choose program 1-6 under running mode

DMX CHANNELS

CHANNEL	CHANNEL MODE	BIT
	16	
1	COLOUR WHEEL	0~255
2	DIMMER	0~255
3	STOP/STROBE	0~255
4	STATIC GOBO CHANGE	0~255
5	PRISM1 INSERTION	0~255
6	PRISM1 ROTATION	0~255
9	FOCUS	0~255
10	PAN	0~255
11	PAN FINE	0~255
12	TILT	0~255
13	TILT FINE	0~255
14	PAN-TILT TIME	0~255
15	FROST	0~255
16	LAMP CONTROL RESET	0~99 Unusenrange 100~105 Lamp ON 200~205 Lamp OFF 255~255 Complete Reste

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.