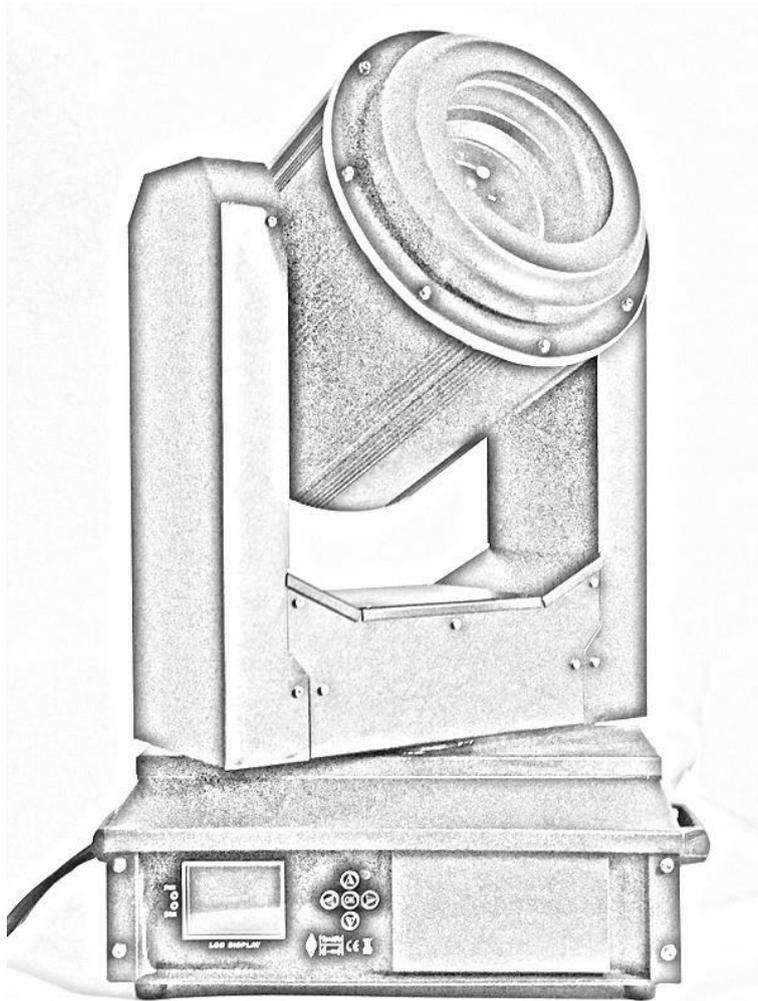


350W Waterproof Beam Light



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.....	12

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!



Do not place in the low-lying ground

CAUTION!



Safety ground wire

CAUTION!



Unplug mains lead before opening the housing.

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 cable
2. One 3pin DMX cable
3. One user manual

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 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. 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 10 meter.

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, lamp explosion, 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. 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.

2. Using lamp, the change rate of power voltage should be within $\pm 10\%$, if the voltage is too high, it will shorten the light's life; if it's not enough, the lamp will be dark.

3. Please restart it after turning off light for 20 minutes until full-cooling. Frequent switching will reduce the life span of lamps and bulbs; intermittent using will improve the life of bulbs and lamps.

▲ **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 that the available voltage is not higher than stated at the end of this manual.

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.

INSTALLATION INSTRUCTIONS



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 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, 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 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.

There are no serviceable parts inside the device except for the lamp. Please refer to the instructions under "Installation instructions".

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

- Type: MSD R17 350W
- Output Lamp power: 600W
- Color temperature: 8,500 K
- Average life: 2,000 h

OPTICS

3-lens optical group combination

Focus: electronic

Light output at 10 meters: 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

16-face rotating

prism Frost filter

Mechanical shutter and adjustable speed strobe
effect Mechanical dimmer

CONTROL AND PROGRAMMING

16/20 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

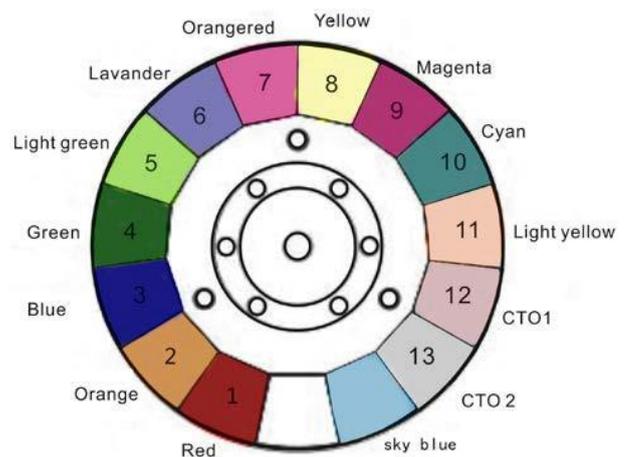
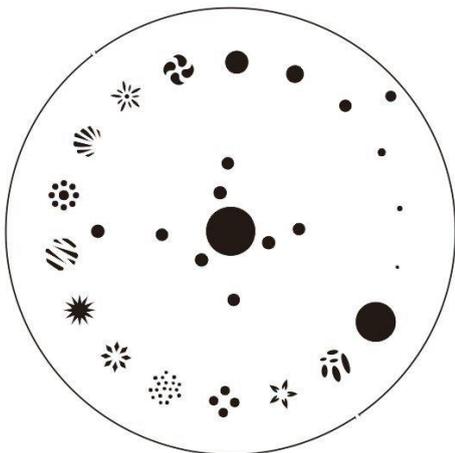
SAFETY DEVICES

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.

WEIGHT

35 Kg

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)

- (Partial Fixture Hours)
- (Total Lamp Hours)
- (Partial Lamp Hours)
- (Advance)

Manual programme operating instructions

Homepage → Setting(Press 'OK') → Programme(Press 'OK') → Program selection(1-6,press 'OK') → Manual programme(Press 'OK' last for few seconds and choose operating buttons, saving and increasing for next step, saved via 'OK', keep pressing 'OK' last for few seconds and operating by channel values, max. 20 scenes for each manual programme)

Level 1 menu	Level 2 menu	Level 3 menu
SETTING	PROGRAMME	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	00/00	Next	Save
Back	Up	Down	OK

- 1.Total 6 programs, max.20 scenes for each programme
- 2.In programme 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	
	16	20
1	COLOUR WHEEL	COLOUR WHEEL
2	STOP/STROBE	STOP/STROBE
3	DIMMER	DIMMER
4	STATIC GOBO CHANGE	STATIC GOBO CHANGE
5	PRISM INSERTION	PRISM INSERTION
6	PRISM ROTATION	PRISM ROTATION
7	MARCO FUNCTION	MARCO FUNCTION
8	FROST	FROST
9	FOCUS	FOCUS
10	PAN	PAN
11	PAN FINE	PAN FINE
12	TILT	TILT
13	TILT FINE	TILT FINE
14	PAN-TILT TIME	PAN-TILT TIME
15	RESET	RESET
16	LAMP CONTROL	LAMP CONTROL
17		--
18		COLOUR TIME
19		DIMMER-PRISM-FROST TIME
20		GOBO TIME

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.