

LED Spot 300W



Please read this user manual before your operation

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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 and fixture.

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 fixture away from rain and moisture.



CAUTION!

Keep this fixture away from rain and moisture.

Every person involved with the installation, operation and maintenance of this fixture has to:

- be qualified
- follow carefully the instruction of this manual

INTRODUCTION:

Thank you for having chosen this professional moving head.

You will see you have acquired a powerful and versatile fixture.

Unpack the fixture. Inside the carton box you should find.

1. 1 power in cable& power out connector
2. 1 3pin in DMX cable
3. 2 C omega clamps
4. 1 safety rope
5. 1 English user manual

(Flight case, clamps are optional)

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 fixture.

GENERAL GUIDELINES

This fixture is a lighting effect for a professional use on stage, TV, in discotheques, theaters, etc..

The fixture 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 fixture will serve you for a long time without defects.

Don't shake the fixture. Avoid brute force when installing or operating the fixture.

While choosing the installation-spot, please make sure that the fixture isn't 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 fixture only after having familiarized with its functions. Don't permit operation by persons not qualified for operating the fixture. Most damages are result of unprofessional operation.

Please use the original packaging if the fixture is to be transported.

For safety reasons, please be aware that all modifications on the fixture are forbidden. If this fixture will be operated in any way different to the one described in this manual, the product may suffer damaged and 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 fixture 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 60degrees.
2. Always mount this unit in safe and stable mater.

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 fixture has been exposed to temperature changes due to environmental changes, don't switch it on immediately. The arising condensation could damage the fixture. Leave the fixture switched off until it has reached room temperatures.

This fixture falls under protection-class I. Therefore it is essential that the fixture 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 fixture isn't 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 doesn't necessarily mean that the fixture 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 of a similar qualified person in order to avoid a hazard.



CAUTION!

Never touch the fixture 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 fixture aren't subject to warranty. Keep away from children and non-professionals.

CLEANING AND MAINTENANCE

1. To reduce the risk of electrical shock or fire, don't expose this unit to rain or moisture.
2. Don't spill water or other liquids into or onto 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 lights or parts the light 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 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 lifetime, 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 light. Please use a moist, lint-free cloth. Never use alcohol or solvents.

TECHNICAL PARAMETERS

Power Supply

Voltage: AC110-240V 50/60Hz

Light Source

300W LED

Average life: 50,000h

Control and Programming

16 channel modes

Display: LCD display

Pan/Tilt Resolution: 16 bit

DMX signal connection: 3pin in&out

Power connection: Powercon in&out

Cooling: High efficiency die-cast aluminium, forced ventilation

Weight:

Net weight: 22kg

Gross weight: 24kg

Packing

Carton box packing size: 50.5*49*63cm

DMX CHANNELS

Channel	Name	DMX value	Function
1	Pan	0-255	Pan
2	Pine Fine	0-255	Pan Fine
3	Tilt	0-255	Tilt
4	Tile Fine	0-255	Tile Fine
5	P/T Speed	0-255	P/T speed
6	Dimming	0-255	Bulb Dimming 0-100%
7	Strobe	0-3	Off
		4-7	Open
		8-250	Strobe slow->fast
		251-255	Open
8	Color	0-23	White
		24-47	Red
		48-71	Blue
		72-95	Amber
		96-119	Green
		120-143	Pink
		144-167	light blue
		168-191	Yellow

		192-223	CW color spin fast->slow
		224-255	CCW color spin slow->fast
9	Color specs	0-255	Color specs
10	Fixed Gobo	0-11	Open
		12-23	Gobo1
		24-35	Gobo2
		36-47	Gobo3
		48-59	Gobo4
		60-71	Gobo5
		72-83	Gobo6
		84-95	Gobo7
		96-109	Gobo 7 shake slow->fast
		110-123	Gobo 6 shake slow->fast
		124-137	Gobo 5 shake slow->fast
		138-151	Gobo 4 shake slow->fast
		152-165	Gobo 3 shake slow->fast
		166-179	Gobo 2 shake slow->fast
180-191	Gobo 1 shake slow->fast		
		192-223	CW Gobo Spin fast->slow
		224-255	CCW Gobo Spin slow->fast
11	Rotating gobo	0-11	Open
		12-23	Gobo1
		24-35	Gobo2
		36-47	Gobo3
		48-59	Gobo4
		60-71	Gobo5
		72-83	Gobo6
		84-95	Gobo7
		96-109	Gobo 7 shake slow->fast
		110-123	Gobo 6 shake slow->fast
		124-137	Gobo 5 shake slow->fast
		138-151	Gobo 4 shake slow->fast
		152-165	Gobo 3 shake slow->fast
		166-179	Gobo 2 shake slow->fast
180-191	Gobo 1 shake slow->fast		
		192-223	CW Gobo Spin fast->slow
		224-255	CCW Gobo Spin slow->fast
12	Gobo Rotating	0-127	Gobo Angle
		128-192	CW Gobo Rotaing fast->slow
		193-255	CCW Gobo Rotating slow->fast
13	Prism	0-127	Prism Close
		128-255	Prism open
14	Prism Rotating	0-2	close

		3-128	CW Prism rotating fast->slow
		129-255	CCW Prism rotating Slow->fast
15	Zoom	0-255	linear zoom 0-100%
16	Reset	0-254	Open
		255	Reset (Stay 5 seconds)

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 isn't 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.