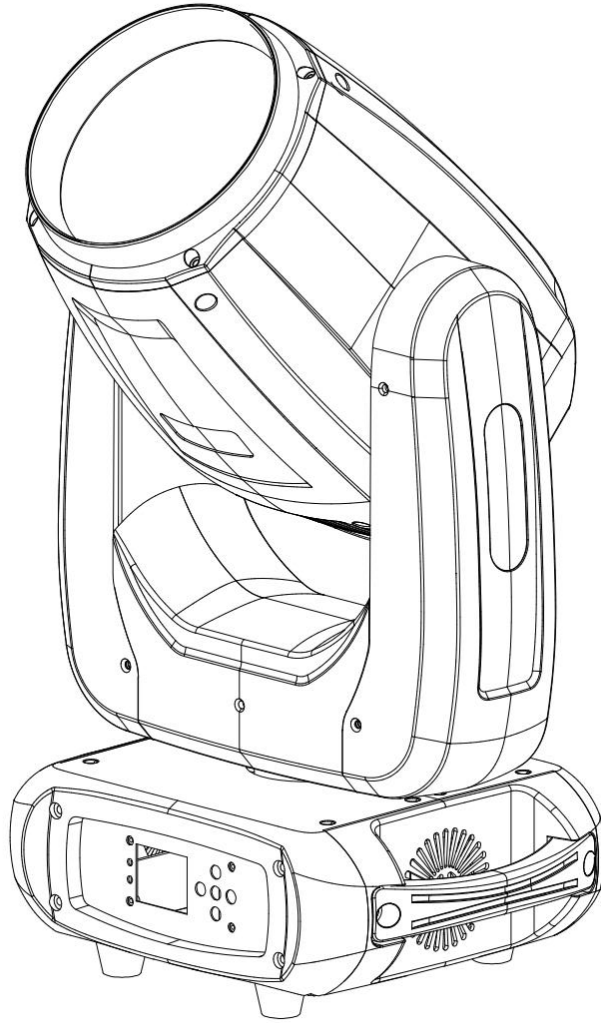


ALED BEAM 300



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 60degrees.

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

Voltage: AC100-240V, 50-60Hz

Power: 350W (CE, ISO9000 standard power supply)

Light source: New 230W white LED module source

Color temperature: 7500K

LED life: 20000 hours, low power consumption, energy saving and environmental protection.

Pan: 540° (16bit scan) electronic correction

Tilt: 250° (16bit scan) electronic correction

Color Wheel: 12 colors + white light, with rotating rainbow effect, a six color wheel, rainbow effect

Gobo wheel: 14 Gobo + white, with rotation and shake

Strobo: up to 13 times per second, with random, pulse function

Dimming: 0-100% linear

Prism: 24 facet prism

Forst: 0-100% linear

Special Function:

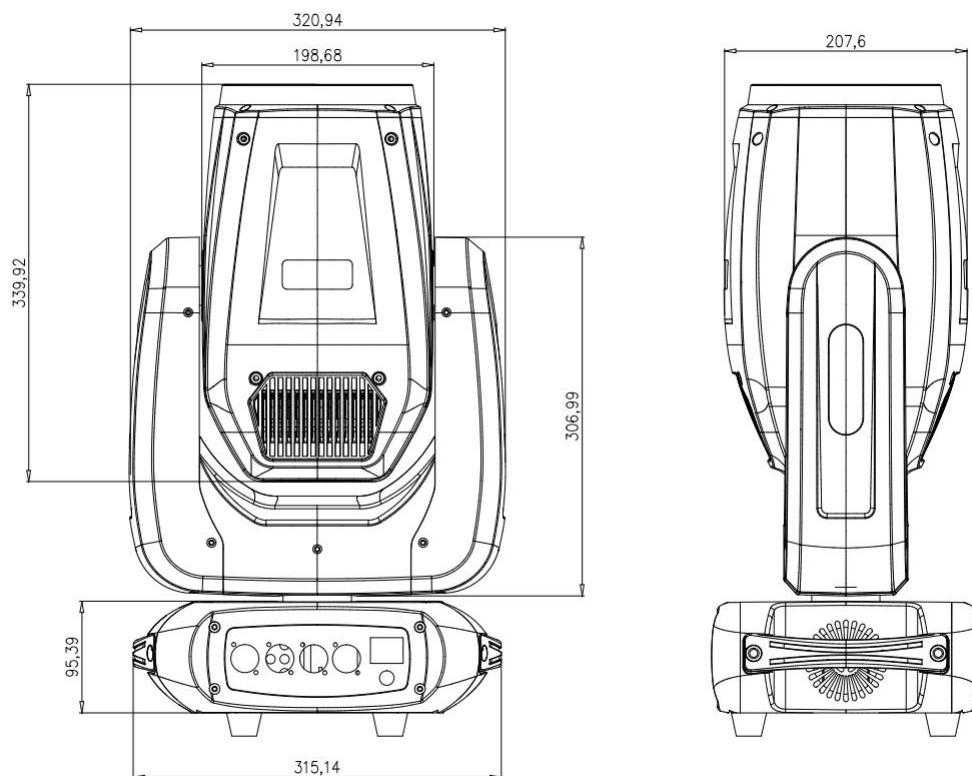
Put off shutter 5 seconds, lamp power auto reduce 35% to extend the lamp life span Fan speed lower than 500RPM, lamp off to protect

IP Class: IP20

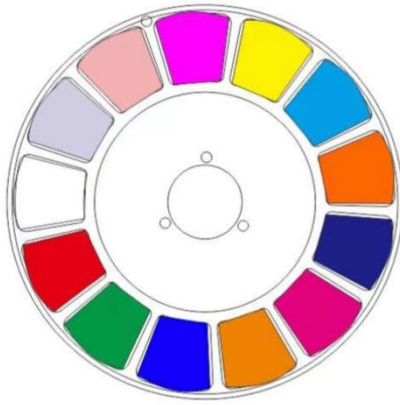
Overheating protection

N. W: 15KG

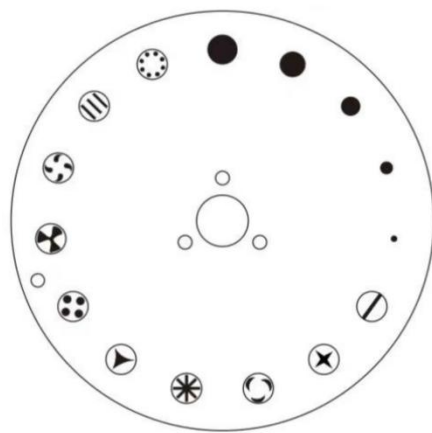
SIZE DRAWING



COLOR WHEEL



FIXED GOBO WHEEL



CHANNEL LIST

CHANNEL	NAME	VALUE	DESCRIPTION
CH1	Color	0-4	white
		5-9	white + color 1
		10-14	color 1
		15-19	color 1 + color 2
		20-24	color 2
		25-29	color 2 + color 3
		30-34	color 3
		35-39	color 3 + color 4
		40-44	color 4
		45-49	color 4 + color 5
		50-54	color 5
		55-59	color 5 + color 6
		60-64	color 6

		65-69	color 6 + color 7
		70-74	color 7
		75-79	color 7 + color 8
		80-84	color 8
		85-89	color 8 + color 9
		90-94	color 9
		95-99	color 9 + color 10
		100-104	color 10
		105-109	color 10 + color 11
		110-114	color 11
		115-119	color 11 + color 12
		120-124	color 12
		125-129	color 12 + white
		130-192	forward flow from fast to slow
		193-255	backward flow from slow to fast
CH2	Strobe	0-3	light OFF
		4-250	pulse strobe from slow to fast
		251-255	light ON
CH3	Dimming	0-255	0-100% dimming
CH4	Gobo	0-4	white
		5-9	gobo 1
		10-14	gobo 2
		15-19	gobo 3
		20-24	gobo 4
		25-29	gobo 5
		30-34	gobo 6
		35-39	gobo 7
		40-44	gobo 8
		45-49	gobo 9
		50-54	gobo 10
		55-59	gobo 11
		60-64	gobo 12
		65-69	gobo 13
		70-74	gobo 14
		75-128	forward flow from fast to slow
		129-131	stop
		131-185	backward flow from slow to fast
		186-190	gobo 1 shake
		191-195	gobo 2 shake
		196-200	gobo 3 shake
		201-205	gobo 4 shake
		206-210	gobo 5 shake
		211-215	gobo 6 shake

		216-220	gobo 7 shake
		221-225	gobo 8 shake
		226-230	gobo 9 shake
		231-235	gobo 10 shake
		236-240	gobo 11 shake
		241-245	gobo 12 shake
		246-250	gobo 13 shake
		251-255	gobo 14 shake
CH5	Prism 1	0-127	remove prism
		128-255	insert prism 1
CH6	Prism auto rotation	0-127	0-400 degree
		128-187	forward flow from fast to slow
		188-195	stop
		196-255	backward flow from slow to fast
CH7	/	0-15	/
		16-255	macro function
CH8	Frost	0-127	/
		128-255	insert frost
CH9	Zoom	0-255	from far to near
CH10	X axis	0-255	0-540 degree
CH11	X axis fine-adjust	0-255	
CH12	Y axis	0-255	0-270 degree
CH13	Y axis fine-adjust	0-255	
CH14	XY speed	0-255	from fast to slow
CH15	full color	0-127	/
		128-255	insert full color
CH16	Reset	26-76	reset effect for more than 3 seconds
		77-127	reset XY for more than 3 seconds
		128-255	reset for more than 3 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 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!

Innovation, Quality, Performance