

# Junior Series



## User manual

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**ACME**<sup>®</sup>

Version 1.0



# Introduction

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Thank you for purchasing Junior Series, the unit is a powerful 100W effect lights, Plug & play and easy to use, any where enjoys the pleasurable light show. Selector switch for 3 sets of auto, sound activation or static function mode to dynamic emotion applications. Junior series without any duty cycle, equip with super cooling fan built up a fantastic light show to dancing all night. Safety with thermo switch ensures auto power disconnection when errors or defects happen. This fixture is perfect for clubs, pubs, bars, parties, and mobile DJs.

Junior series  
for  
Hallucination, Fascination and Orbiter

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# Safety Instruction

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## WARNING

Please read carefully the instruction which includes important information about the installation, usage and maintenance.

- ◆ Please keep this User Manual for future consultation.
- ◆ Unpack and check carefully there is no transportation damage before using the unit.
- ◆ Before operating, ensure that the voltage and frequency of power supply match the power requirements of the unit.
- ◆ The unit is for indoor use only and only in a dry location.
- ◆ Disconnect mains power before fuse/lamp replacement or servicing.
- ◆ Replace fuse/lamp only with the same type.
- ◆ Make sure there are no flammable materials close to the unit while operating as it is fire hazard.
- ◆ Maximum ambient temperature is TA: 40°C. Don't operate it where the temperature is higher than this.
- ◆ Turn off the power and allow about 15 minutes for the unit to cool down before replacing bulb or serving.
- ◆ In the event of serious operating problem, stop using the unit immediately. Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type spare parts.
- ◆ Do not touch any wire during operation as high voltage might be causing electric shock.

## **Warning**

- ◆ To prevent or reduce the risk of electrical shock or fire, do not expose the unit to rain or moisture.
- ◆ Never touch bulb with bare fingers as it is very hot after using.
- ◆ Hot lamp explosion hazard. Do not open the unit within five minutes after switching off.
- ◆ Do not start on the unit without bulb enclosure or housing is damaged.
- ◆ The housing, the lenses must be replaced if they are visibly damaged.
- ◆ Do not look directly at the light while the bulb is on.

## **Caution**

There are no user serviceable parts inside the unit. Do not open the housing or attempt any repairs by yourself.

## **Rigging the fixtures**

The unit should be mounted via its screw holes on the bracket. Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. Always ensure that the structure to which you are attaching the unit is secure and is able to support a weight of 10 times of the unit's weight. Also always use a safety cable that can hold 12 times of the weight of the unit when installing the fixture.

# Description

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1. Optical lens with manual focus adjustment
2. Hanging bracket with one knob to fasten the unit
3. Power cord comet only to a matching power outlet
4. Build-in fuse
5. Lamp accessory door
6. Internal microphone
7. Cooling fan
8. Reflector mirror
9. Selector switch to select between auto, sound activation or static function

# Operation and Technical Specification

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- Plugging into the mains power and it will start running. The unit runs in automatic, sound activated or static mode.
- Focus adjustable by manual.

## Specification:

- Voltage: AC 120V 60Hz (US)  
AC 230V /240V /250V 50Hz / 60Hz (EU)
- Fuse: 20 mm glass 120V T5A (US)  
20 mm glass 250V T3.15A (EU)
- Lamp: EFP 12V 100W
- Dimension: 266 X 142 X 144 mm
- Weight: 1.7 kgs

## Installation

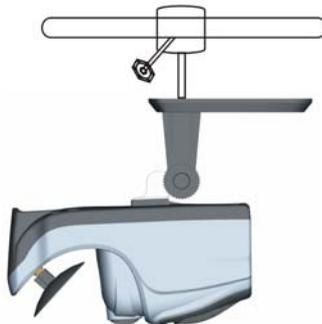
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The unit could be mounted on the wall or under ceiling. If the buyer installs the unit under ceiling, please use a clamp (optional) to fix the unit under ceiling. Always ensures that the unit is firmly fixed to avoid vibration and slipping while operating. Always ensures that the structure to which you are attaching the unit is secure.

Place on the ground



Clamp on the truss



Hang on the wall



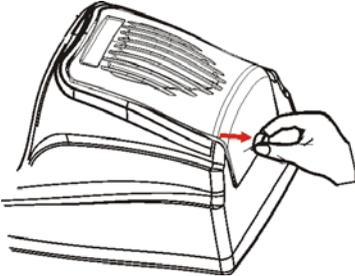
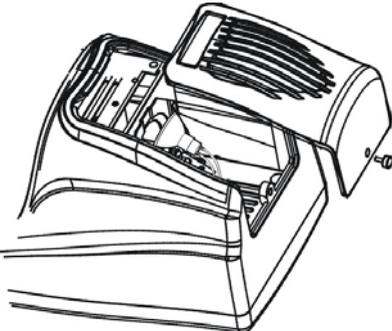
# Exchange Lamp

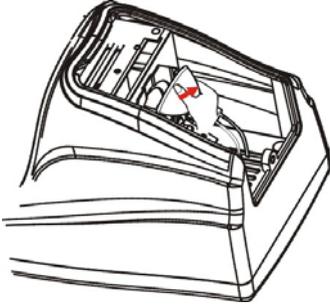
## ***DANGER!***

**In case of replacement of the lamp, do not open the lamp accessory door within 15 minutes until the unit cools down after switching off.**

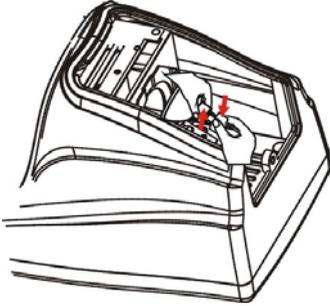
### **LAMP: EFP 12V 100W**

1. Always switch off the main supply and never handle the lamp or luminaries when is hot.
2. Do not touch the bulb with bare hands. If this happens, clean the lamp with denatured alcohol and wipe it with a lint free cloth before installation.
3. Never operate the lamp without appropriate shielding.
4. Make sure the lamp is located in the center for the best spot.

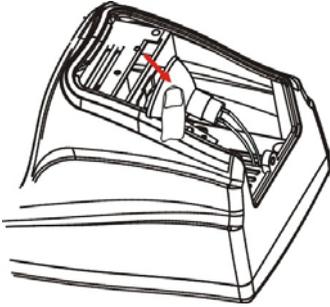
 A line drawing of a hand using a screwdriver to unscrew a screw from the lamp accessory door. A red arrow points to the screw being removed.	<p>1. Unscrew the screw from the lamp accessory door</p>
 A line drawing of the lamp accessory door removed from the unit, showing the internal lamp socket and wiring.	<p>2. Remove the cover</p>



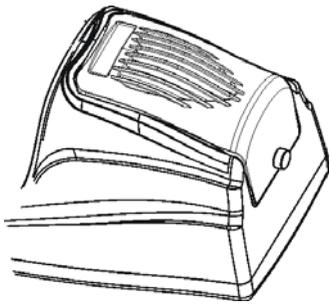
3. Take off the lamp with carefully



4. Replace the new lamp



5. Push gently with thumb and make sure the lamp was located on the central zone with tight for best light effects.



6. Reverse step 2 to step 1.

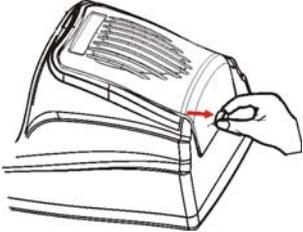
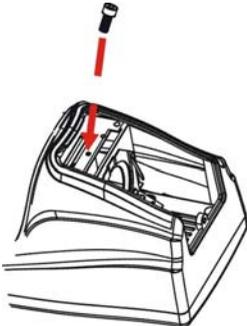
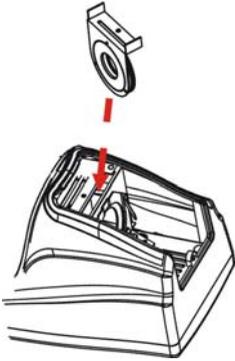
# Exchanging Rotating Gobos

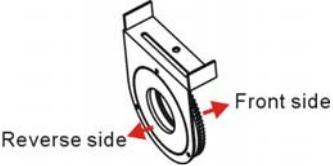
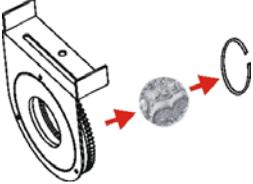
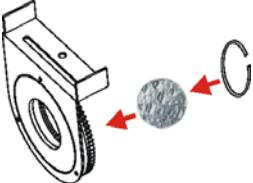
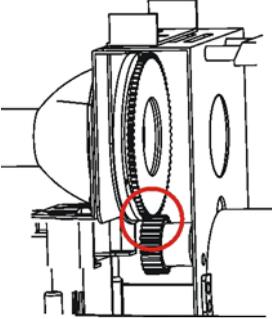
**Warning: the function for Junior-Fascination only!**

***DANGER!***

***Install the gobo when the power is off for 15 minutes only.***

If you wish to use other patterns as the standard-gobo, please follow the below steps with carefully.

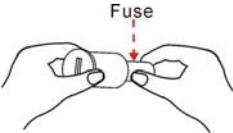
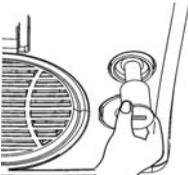
	<p>1. Unscrew the screw from the lamp accessory door</p>
	<p>2. Remove the cover and unscrew from the gobo plate</p>
	<p>3. Remove the gobo wheel</p>

 <p>Reverse side</p> <p>Front side</p>	<p>4. Notice the front and reverse side!</p>
	<p>5. Remove steel ring from front side then take off the gobo</p>
	<p>6. Exchange to new gobo and fasten with steel ring</p>
	<p>7. CAUTION! Please make sure the gear wheel is correct</p>
	<p>8. Reverse step 2 to step 1</p>

# Exchange Fuse

## ***DANGER!***

**In case of replacement of fuse, please awaiting 15 minutes until the unit cools down after switching off.**

	1. Push and rotate with arrow by thumb
	2. Remove the protect tube of fuse
	3. Exchange new fuse with same model
	4. Plug in the protect tube
	5. Push and rotate with arrow by thumb
	6. Finished

# Troubleshooting

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Problem	Feature	Remedy
No light	No power to the fixture	Check power connections
	Fuse	please check and replace fuse if power is on
	Burned out of lamp	Install new lamp
	Fixture too hot	Allow to cool down and improve air flow around the unit
No action	Sound sensitivity	Increase volume
	Electrical malfunction	Refer to service technician.

# Fixture Cleaning

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The cleaning of internal and external optical lenses or mirror must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates: damp, smoky or particularly dirty surrounding can cause greater accumulation of dirt on the unit's optics.

- Clean with soft cloth using normal glass cleaning fluid.
- Always dry the parts carefully.
- Clean external optics at least every 20 days and internal optics at least every 30/60 days.

## **EC Declaration of Conformity**

We declare that our products (lighting equipments) comply with the following specification and bears CE mark in accordance with the provision of the Electromagnetic Compatibility (EMC) Directive 89/336/EEC.

EN55014-2: 1997 A1:2001, EN61000-4-2: 1995; EN61000-4-3:2002;  
EN61000-4-4: 1995; EN61000-4-5: 1995, EN61000-4-6:1996,  
EN61000-4-11: 1994.

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## **Harmonized Standard**

EN60598-1: 2000+ALL:2000+A12:2002  
Safety of household and similar electrical appliances  
Part 1 : General requirements

