

# Ameba Laser

## AL02 / AL03 Series User Guide



### **Safety Precautions**

- Never look directly INTO laser beam.
- Occasional breaks are necessary to prevent breakdowns.
- Be sure to locate the unit in a place with adequate ventilation at least 15 cm from the walls.
- Use of controls, adjustments or procedure other than those specified herein may result in hazardous radiation exposure.
- Unit should be mounted in a manner that emitted beam will not strike the audience. Do not connect the device to any dimmer pack.
- No user serviceable parts inside, do not attempt repairs. In the event your unit may require service please contact your dealer.
- To prevent fire or shock hazard, do not expose this product to a high temperature or high humidity area. Please unplug unit when not in use.



*Your Best Mate  
in Laser Lighting!*

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## **Introduction / Operation**

Thank you for selecting the Ameba laser. Please read this user guides before installing or using your new unit. Before plug your unit in, be sure your source voltage matches the required voltage. When connected to the mains power supply and switched on the unit should illuminate and shoot a laser beam. This unit can create great effect with fog. It provides 3 operations accessible via the functions switch.

- 1.Music Mode: Patterns can be changed by music.
- 2.Auto Mode: Patterns can be changed automatically in regular order.
- 3.Manual Mode: User can select pattern and rotation speed.

## **Installation / Mounting**

For safety purposes, your unit shall be properly mounted by using a suitable hanging clamp and safety cable. Unit should be mounted in such a manner that the emitted beam will not strike people.

## **Cleaning**

The most important part of your lighting effect to keep clean is the glass front as this allows the laser output to transmit. It should be cleaned with a soft damp cloth. The housing of the unit may also be cleaned in the same way. Only a fully qualified technician must carry out internal cleaning.

## **Maintenance & Servicing**

There is no maintenance required. Work on internal parts should be carried out by a qualified technician. Removal of any covers is considered a breach of warranty and will not be covered under any such agreement unless authorized first by the company.

## **Troubleshooting**

If the unit is not functional: check power supply is 'on' and DC jack is secure.

If the unit is not functional: make sure if in audio mode there is music playing.

If you still cannot solve the problem after trying above solutions, please contact your dealer.

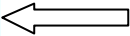
# Labeling

Manufactured by  
Actor Mate Co., Ltd  
NO.15 ,lane 83,Lung shou St.,  
Taoyuan city, Taiwan R.O.C 330  
Complies with performance  
Standards for laser products  
with the exception of  
deviation pursuant to laser  
Notice no. 50  
Dated July 26,2001

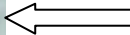


LASER RADIATION  
AVOID DIRECT EYE  
EXPOSURE  
CLASS 3R LASER PRODUCT  
5.0mW max CW diode  
532/635-670nm  
IEC/EN 60825-1, ed 1.2  
  
This product complies with  
CDRH21 CFR 040-10.1040-11

CAUTION-CLASS 3R  
LASER RADIATION WHEN  
OPEN AVOID DIRECT EYE  
EXPOSURE.



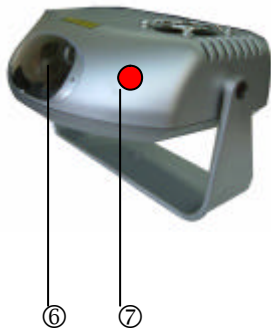
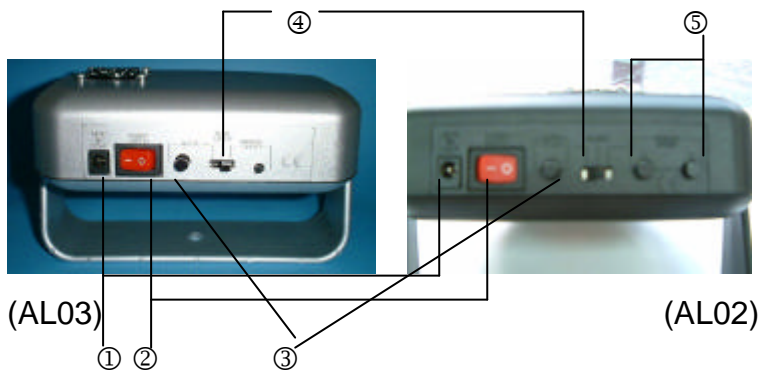
Laser Aperture



## Technical Specifications

Model NO.	AL02-05R/05G	AL03-05R/20/30R	AL03-05G
Laser Power	4.9mW	4.9/20/30mW	4.9mW
Weight	0.6Kgs	0.7Kgs	0.7Kgs
Power	With a UL Adapter (Input 120V 60Hz & Output DC 9V) or a CE Adapter (Input 220-240V 50Hz & Output DC 9V)		
Classification	4.9~20mW: IIIR		
Dimension(mm)	L175 x W140 x H106		
Housing	Plastic		
Beam Divergence	< 1.5 mrad		
Operating Temperature	18~25°C		

## Control and Functions



- 1.External Power supply
- 2.Power Switch
- 3.Music sensitivity control knob
- 4.Mode Select
- 5.Manual Speed Control
- 6.Laser Aperture
- 7.Power Led Indicator