

# LASER SHOW SYSTEM

**User Guide**

## Unpacking:

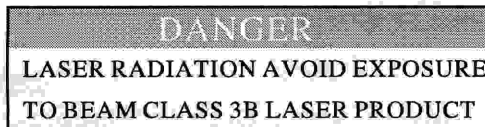
Thank you for purchasing this product. Please read user guide for safety and operations information before using the product. Keep this manual for future reference. This product can create perfect laser programs and effects since it has passed a series of strictly tests before delivery. Please check the attachments listed on the page after opening the carton. In the event of carton damage or attachment missing in transit, please contact your dealer or our after sales service department .

## Attachments:

1. Laser Light :	1PCS
2. Power Cable:	1PCS
3. User Guide:	1PCS

## Notice:

1. Do not exposure the human eye direct to laser beam.
2. Do not turn on and off the unit frequently.
3. Before using this unit make sure the power supply is ground.
4. This unit is intended for indoor use only and should be prevented form water, moisture and shake. The working temperature of this unit is 18~30°C, do not use this continuously over 4 hours, otherwise it shortens the lifetime of the unit.
5. Use cleaning tissue to remove the dust absorbed on the external lenses periodically to optimize light output.
6. Do not remove or break the warranty label, otherwise it void the warranty.
7. Always replace with the exact same type fuse, replacement with anything other than the specified fuse can cause fire or electric shock and damage your unit, and will void your manufactures warranty.



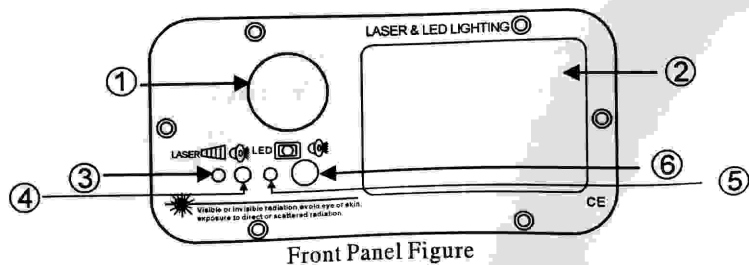
## Technical Specification

1. Voltage: AC200V-250V/50HZ-60HZ/Fuse:2A/250V
2. Rated Power: 20W
3. Laser: 40~60mW @ 532nm, green DPSS laser  
100mW @ 650nm, red Laser
4. Working Modes: Sound Active, AUTO
5. Graphics & Effects: Multi-effects laser, include, bubble, firefly, twinkling star, laser flower etc. More than 1000 beams shot out from the aperture within 120 angles, the effect of rotating, frequently flashing, zoom(+/-) and colour controlled.
6. Size: 145\*195\*70mm
7. Weight: 2.5Kg

## Features

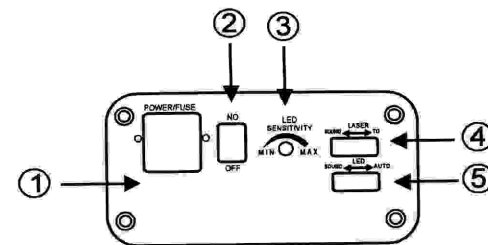
1. Various working modes  
Includes two working modes as Sound Active and Auto mode for different applications.
2. LED indicating and shut-off function  
In sound active mode, the unit's panel has LED indicating for sound active. The unit will shut off after 8 seconds when the music stops.
3. DPSS Laser  
Use Diode-Pumped Solid State green laser, stable output and long working life.

## Front/Rear Panel



Front Panel Figure

1. Laser Aperture
2. LED Aperture
3. Audio sensitivity knob
4. Sound Active Indicator: Blue. The LED will twinkle when a stimulated sound signal is received from the MIC
5. Power
6. LED Sound Active Microphone



Rear Panel Figure

1. Power jack
2. Power switch
3. Audio Sensitivity Knob
4. Function Setting switch: Sound Active or AUTO mode setting
5. LED Function Setting : Sound Active or AUTO mode setting

## Function & Setting

### Sound Active

The change of the laser pattern is controlled by sound, that is, the rhythm of the sound control the effect of the changing laser pattern. Turning the sensitivity knob in the clockwise direction to increase the fixture's sensitivity to sound, the knob in the counter clockwise direction to decrease. The laser diode will automatically turn off after 8 seconds when the music stops.

### AUTO

Auto cycles the built-in programs without being controlled externally. It has no laser OFF.

### Function setting

Uses function setting switch to assign a unit's function: sound active, or AUTO mode.

## Operation

### Sound Active, AUTO mode

The mode allows a single unit to react to the beat of the music in the master mode

1. Install the units in a suitable position (laying or appending).
2. Set function setting switch to select Sound Active or AUTO mode.
3. Turn on the unit power, the unit begins reset, then the unit begins working.

4. The unit will react to the low frequencies of music via the internal microphone. Adjust the audio sensitivity knob on the back of the unit to make the unit more or less sensitive in sound active. The panel has LED indicating for sound active.

## Troubleshooting

1. If the power supply indicator doesn't light up and the laser doesn't work, please check the power supply and the input voltage.
2. If the power supply indicator is light up and sound active indicator isn't light up, but the laser is shut off doesn't work.
  - A. Because sound is too small make for laser shut off in sound active, please increase the music volume or increase audio sensitivity with sensitivity knob, please check as below.
  - B. Please check if unit has been set up in slave mode, then set up in master mode
3. If the unit is fail, please turn off the unit, then turn on again after 5 minutes.

After trying the above solution you still have a problem, please contact your dealer or our company for service.