

Olaalite OL-A001

Olaalite OL-A001 3D Full Color Animation Stage Laser Light Instruction Manual

Model: OL-A001 | Brand: Olaalite

1. IMPORTANT SAFETY INFORMATION

Please read and understand all safety instructions before operating this device. Failure to follow these instructions may result in injury or damage to the product.

- **Laser Radiation Warning:** Do not look directly into the laser light aperture. Direct exposure to visible or invisible laser radiation may cause eye or skin injury. Keep away from children.
- **Normal Operation Sound:** After powering on, the built-in motor may spin quickly and produce a sound. This is a normal operational characteristic and not a defect.
- **Power Supply:** Use only the specified power adapter. Ensure the voltage matches the device requirements (AC90-240V, 50/60Hz).
- **Ventilation:** Ensure adequate ventilation around the unit to prevent overheating. Do not block ventilation openings.
- **Environment:** Do not expose the device to rain, moisture, or extreme temperatures. Avoid using in dusty or dirty environments.

2. PRODUCT OVERVIEW

The Olaalite OL-A001 is a 3D full-color animation stage laser light designed for various events such as parties, discos, clubs, and DJ setups. It features multiple operating modes and DMX control for versatile lighting effects.

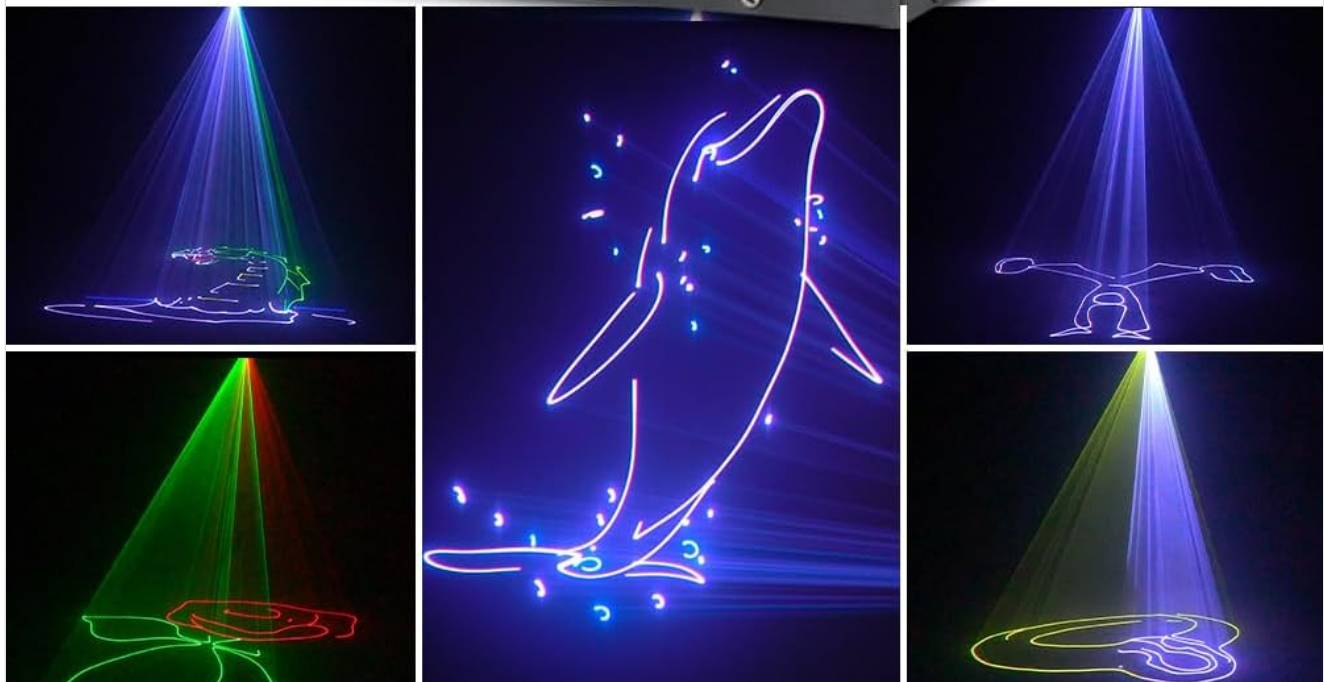


Figure 2.1: Front view of the Olaalite OL-A001 laser light.

3. SPECIFICATIONS

Feature	Description
Model Number	OL-A001
Light Source Type	Light Emitting Diode (LED)
Color	Blue, Green, Purple, Red, White (Full Color)
Power Source	Corded Electric
Voltage	240 Volts
Wattage	20 Watts

Feature	Description
Mounting Type	Floor Mount
Product Dimensions	7.8"L x 6.1"W x 3.1"H (19.8 x 15.5 x 7.9 cm)
Item Weight	3.12 pounds (1.42 kg)
Shade Material	Iron
Bulb Features	Sound Activated

3D FULL COLOR ANIMATION LASER LIGHT

(ATTENTION: THE AWESOME VIDEO EFFECT NEED TO ADD "SMOKE ENVIRONMENT")



Figure 3.1: Product dimensions of the Olaalite OL-A001.

4. SETUP

Follow these steps to set up your Olaalite OL-A001 laser light:

- Unpack:** Carefully remove the laser light and all accessories from the packaging.
- Placement:** Position the unit on a stable surface or mount it using the integrated bracket. Ensure the projection

area is clear and free from obstructions.

3. **Power Connection:** Connect the power adapter to the unit's power input and then plug it into a suitable power outlet.
4. **Initial Power On:** Turn on the power switch located on the rear panel. The unit will perform a self-test.



OPERATION MODE:
AUTO, DMX512, SOUND ACTIVATED,
MASTER / SLAVE

DMX CHANNEL:5CH / 32CH



Figure 4.1: Rear panel with DMX In/Out, Function Setting display, and control buttons.

5. OPERATING MODES

The Olaalite OL-A001 offers several operating modes to suit different event requirements. Use the 'MENU', 'UP', 'DOWN', and 'ENTER' buttons on the rear panel to navigate and select modes.

- **AUTO Mode:** The unit cycles through pre-programmed patterns automatically.
- **SOUND ACTIVATED Mode:** The laser light reacts to music and sound, changing patterns and colors in sync with the audio. The built-in microphone detects sound.
- **DMX512 Mode:** For professional control, connect the unit to a DMX controller to customize patterns, colors, and movements.
- **MASTER/SLAVE Mode:** Link multiple units together. One unit acts as the master, controlling all connected slave

units for synchronized effects.

5.1 Visual Examples of Laser Animations

The following images and video demonstrate various animation patterns and effects achievable with the Olaalite OL-A001.

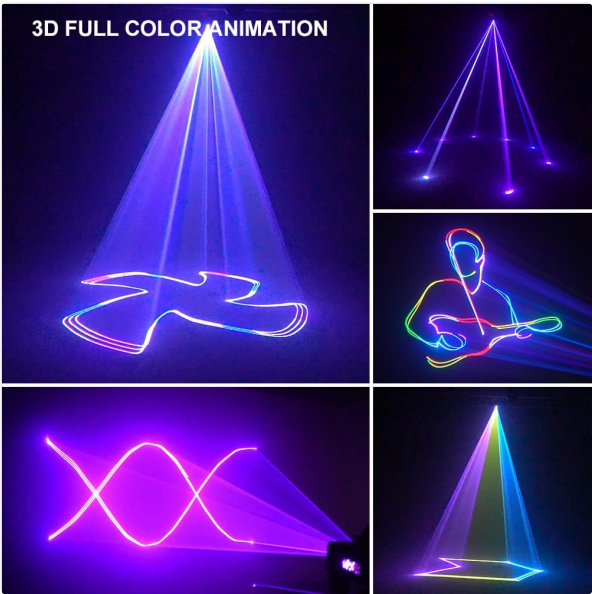


Figure 5.1: Examples of dynamic 3D full-color animation patterns.



Figure 5.2: Intricate laser patterns including text and floral designs.



Figure 5.3: Diverse laser light patterns in full color.

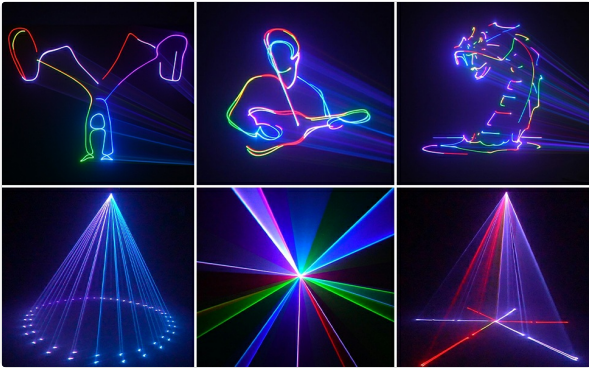


Figure 5.4: Animated laser figures and dynamic light shows.

5.2 Official Product Video

Your browser does not support the video tag.

Video 5.1: An official demonstration of the Olaalite OL-A001 laser light showcasing its animation and full-color capabilities in a DJ stage setting.

6. DMX CONTROL

The Olaalite OL-A001 supports DMX512 control, allowing integration into professional lighting setups. It offers two DMX channel modes:

- **5CH Mode:** Provides basic control over essential functions.
- **32CH Mode:** Offers advanced and detailed control over individual laser parameters, including pattern selection, color mixing, rotation, zoom, and more. Refer to the DMX channel chart (not provided in this manual, typically found in a separate DMX guide) for specific channel assignments.

To use DMX control, connect a DMX controller to the 'DMX IN' port using a standard 3-pin DMX cable. For multiple units, connect the 'DMX OUT' of the first unit to the 'DMX IN' of the next, and so on.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your laser light:

- **Cleaning:** Periodically clean the lens and exterior casing with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.
- **Ventilation:** Ensure the fan and ventilation openings are free from dust and debris. Use compressed air to clear any blockages if necessary.
- **Storage:** When not in use, store the unit in a cool, dry place, away from direct sunlight and extreme temperatures.

8. TROUBLESHOOTING

If you encounter issues with your Olaalite OL-A001, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No power/Unit does not turn on	Power cable disconnected, faulty outlet, power switch off.	Check power connections, try a different outlet, ensure power switch is ON.
No laser output	Laser aperture blocked, unit in standby mode, internal fault.	Ensure aperture is clear. Cycle power. If problem persists, contact support.
Motor sound is loud	Normal operation.	This is a normal phenomenon for the built-in motor.
Laser patterns are dim or unclear	Dust on lens, ambient light too bright.	Clean the lens. Reduce ambient light for best effect.
DMX control not working	Incorrect DMX address, faulty DMX cable, incorrect DMX mode selected.	Verify DMX address and cable connections. Ensure DMX mode is active on the unit.

9. WARRANTY AND SUPPORT

Olaalite is committed to providing high-quality products and satisfactory services. For warranty information, technical support, or any inquiries not covered in this manual, please contact Olaalite customer service through the official channels or visit the [Olaalite Store on Amazon](#).

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

How do I connect this to my computer and add or remove animations and designs? I have the DMX to USB SoundSwitch cord, do I just plug it in and use software? If so what software?

Based on the instruction manual for the Olaalite OL-A001, this device does not feature a direct USB or computer interface for uploading or deleting custom animation files. It is a standalone stage light with...

[Read full answer](#)