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SAHAUHY EBL-4

SAHAUHY EBL-4 Four Beam Effect RGB DJ Stage Light Instruction Manual

Model: EBL-4

1. PRODUCT OVERVIEW

The SAHAUHY EBL-4 is a versatile four-beam RGB DJ stage light designed for various event settings. It features red, green, and blue beam lights, along with red and green pattern lights, offering over 150 patterns and 350 effects. This unit supports multiple operating modes including master-slave, sound control, DMX, and automatic mode, making it suitable for both professional and novice users.

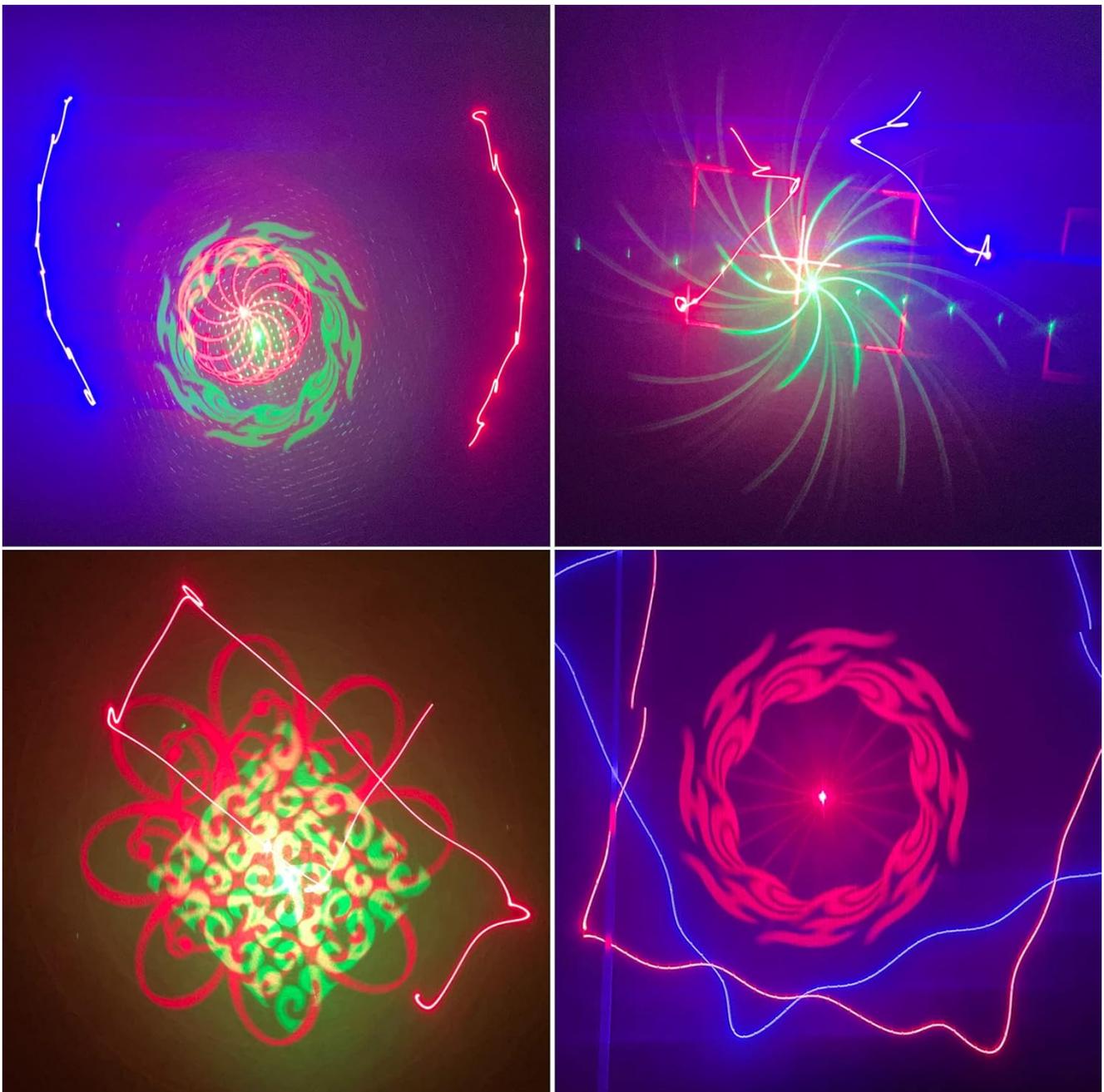


Image 1.1: The SAHAUHY EBL-4 DJ Stage Light showcasing its dynamic light effects.

2. SAFETY INSTRUCTIONS

- **Power Supply:** Ensure the voltage is within the specified range of 100V-240V. Always connect to a grounded power outlet.
- **Eye Safety:** Avoid direct eye exposure to the laser beams. Lasers can cause eye damage. Do not look directly into the light sources.
- **Ventilation:** Ensure adequate ventilation around the unit to prevent overheating. Do not block the fan or ventilation openings.
- **Placement:** Install the light in a stable location, away from flammable materials, excessive heat, moisture, or dust.
- **Handling:** Do not open the casing. Refer all servicing to qualified personnel.
- **Children:** Keep the device out of reach of children.

3. PRODUCT COMPONENTS AND DIMENSIONS

Familiarize yourself with the main components and dimensions of your SAHAUHY EBL-4 stage light.



Image 3.1: Product dimensions of the SAHAUHY EBL-4. The unit measures approximately 13.4 inches in length, 5.9 inches in width, and 2.83 inches in height.

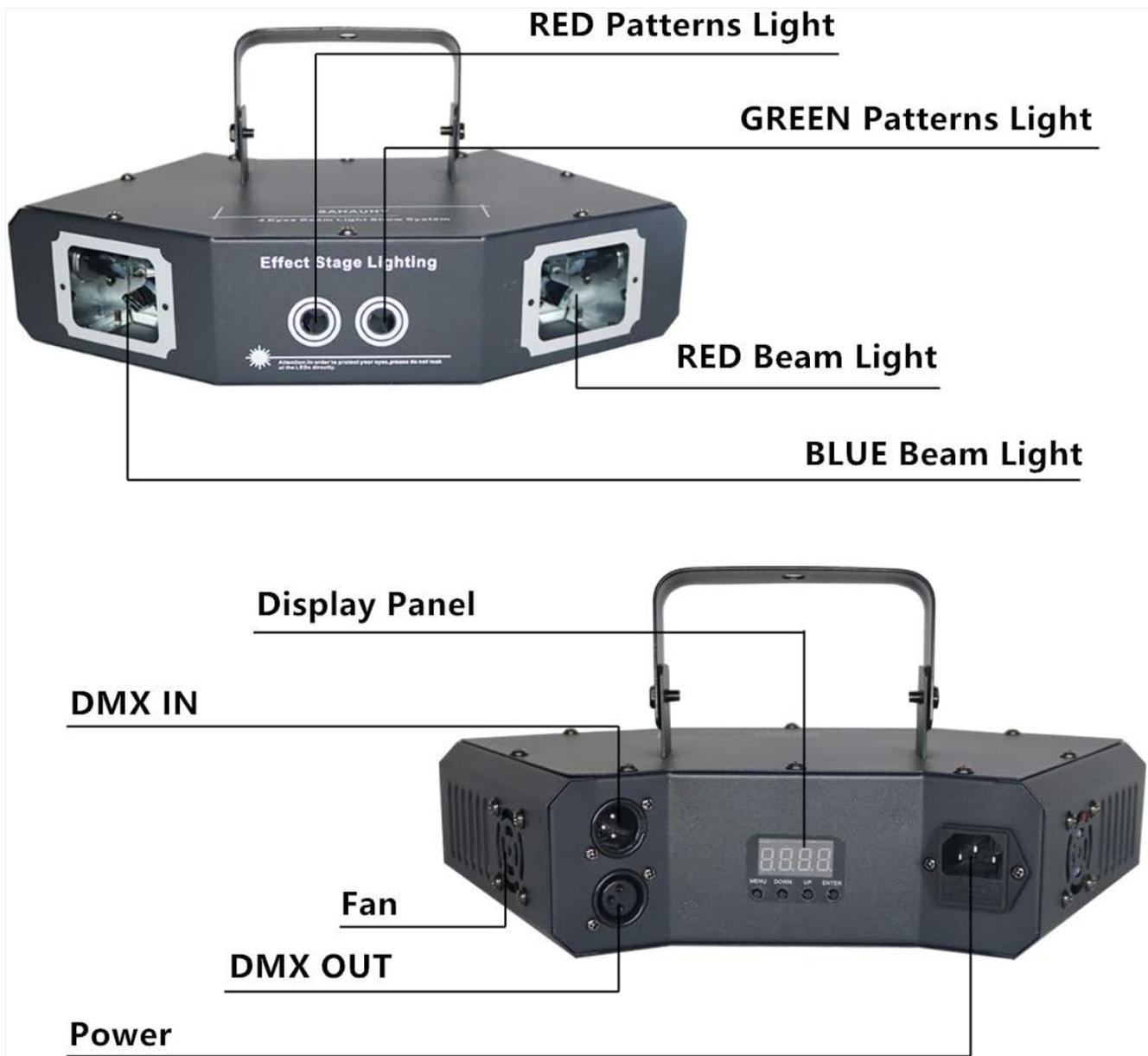


Image 3.2: Front view of the light, indicating the Red Patterns Light, Green Patterns Light, Red Beam Light, and Blue Beam Light outputs.



Image 3.3: Rear view of the light, showing the Display Panel, DMX IN, DMX OUT, Fan, and Power input.

4. SETUP AND INSTALLATION

The SAHAUHY EBL-4 is designed for easy setup.

1. **Unpacking:** Carefully remove the light from its packaging and inspect for any damage.
2. **Placement:** Choose a suitable location for the light. It can be placed on a flat surface or mounted on a wall or truss using its integrated handle. Ensure the surface is stable and can support the weight of the unit.
3. **Power Connection:** Connect the power cord to the unit and then to a standard 100V-240V AC power outlet.
4. **DMX Connection (Optional):** If using DMX control, connect a DMX cable from your DMX controller to the DMX IN port on the light. For multiple units, daisy-chain them by connecting the DMX OUT of the first unit to the DMX IN of the next.
5. **Power On:** Once connected, power on the unit. The display panel will illuminate.

5. OPERATING MODES

The SAHAUHY EBL-4 offers four distinct operating modes, selectable via the display panel buttons.

- **Automatic Mode:** The light will cycle through its pre-programmed patterns and effects automatically. This mode is ideal for quick setup and continuous light shows without external input.
- **Sound Control Mode:** In this mode, the light's patterns, colors, and beam effects react to the beat of music or ambient sound. Use the built-in microphone for sound detection.
- **DMX Mode:** For professional control, connect the light to a DMX-512 controller. The unit utilizes 11 DMX channels, allowing precise control over patterns, colors, rotation, and other effects. Refer to the DMX channel chart (usually provided in a separate DMX manual or online) for detailed control parameters.
- **Master-Slave Mode:** Connect multiple EBL-4 units using DMX cables. Set one unit as the "Master" and the others as "Slave" units. The slave units will then mirror the operation of the master unit, creating synchronized light shows across multiple devices.



Image 5.1: Examples of the diverse laser patterns and effects achievable with the EBL-4 light.



Image 5.2: The EBL-4 light creating dynamic atmospheres in different environments.

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Video 5.1: Demonstration of the SAHAUHY EBL-4 DJ Stage Light's various effects and operating modes.

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Video 5.2: A vertical format demonstration of the SAHAUHY EBL-4 DJ Stage Light's dynamic lighting capabilities.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your SAHAUHY EBL-4 light.

- **Cleaning:** Periodically clean the exterior of the unit with a soft, dry cloth. Ensure the lens and light output areas are free from dust and debris for clear projection.
- **Ventilation:** Regularly check that the fan and ventilation openings are clear and unobstructed to prevent overheating.
- **Storage:** When not in use for extended periods, store the light in a cool, dry place, protected from dust and extreme temperatures.

- **Inspection:** Before each use, inspect the power cord and DMX cables for any signs of damage.

7. TROUBLESHOOTING

If you encounter issues with your SAHAUHY EBL-4, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
No power	Power cord disconnected; no power from outlet.	Check power cord connection. Verify outlet has power.
No light output	Unit is powered but in standby; mode not selected.	Ensure a mode (Auto, Sound, DMX) is selected on the display panel.
Light not reacting to music	Not in Sound Control mode; microphone obstructed; music too quiet.	Select Sound Control mode. Ensure microphone is clear. Increase music volume.
DMX control not working	Incorrect DMX address; faulty DMX cable; not in DMX mode.	Verify DMX address setting. Check DMX cable connections. Ensure unit is in DMX mode.
Overheating	Blocked ventilation; prolonged use in high temperatures.	Ensure fan and vents are clear. Allow unit to cool down. Operate in a well-ventilated area.

8. SPECIFICATIONS

Feature	Detail
Model Number	EBL-4
Brand	SAHAUHY
Light Source Type	Light Emitting Diode (LED)
Colors	Red, Green, Blue
Material	Aluminum
Power Source	Corded Electric (100V-240V)
Product Dimensions	13.4"L x 5.9"W x 2.83"H
Item Weight	5 Pounds
Mounting Type	Handle Mount
DMX Channels	11 DMX-512

9. WARRANTY AND SUPPORT

The SAHAUHY EBL-4 Stage Light is covered by a **30-day return policy** and a **360-day repair warranty** from the date of purchase.

For any questions, technical assistance, or warranty claims, please contact the SAHAUHY after-sales support team. They aim to reply within 24 hours to assist with any issues.

Contact Information: Please refer to your purchase documentation or the official SAHAUHY website for current

contact details.