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> YANGHOPES 6-Eye Red Moving Head Light Bar Instruction Manual

YANGHOPES 2Mixing Beam Light-0807

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Model: 2Mixing Beam Light-0807
Instruction Manual

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and effective operation of your YANGHOPES 6-Eye Red Moving Head Light Bar. Please read this manual thoroughly before installation and use, and retain it for future reference. This device is designed to produce dynamic red beam lighting effects for various events and venues.



Image 1.1: The 6-Eye Red Moving Head Light Bar creating dynamic red beam effects.

2. SAFETY INFORMATION

WARNING: Improper installation or use can lead to serious injury or damage. Always follow these safety guidelines:

- This device is for indoor use only. Do not expose to rain or moisture.
- Ensure the power supply voltage matches the device's requirements.
- Always connect to a grounded power outlet.

- Disconnect power before cleaning, servicing, or moving the unit.
- Do not look directly into the light source. Laser radiation can cause eye damage.
- Ensure proper ventilation to prevent overheating. Do not block ventilation openings.
- Mount the device securely to prevent accidental falls.
- Keep away from children and unauthorized personnel.

3. PACKAGE CONTENTS

Verify that all items are present and in good condition upon opening the package:

- 1 x 6-Eye Red Moving Head Light Bar
- 1 x Power Cable
- 2 x Mounting Brackets
- 1 x Instruction Manual



Image 3.1: Included components of the light bar package.

4. PRODUCT OVERVIEW

The YANGHOPES 6-Eye Red Moving Head Light Bar features six high-quality red light beads, each capable of

independent movement along the X and Y axes. This allows for a wide range of dynamic and penetrating beam effects, including cross patterns, parallel lines, and stroboscopic effects. The robust construction utilizes durable metal and high-quality engineering plastics, ensuring longevity and reliable performance.

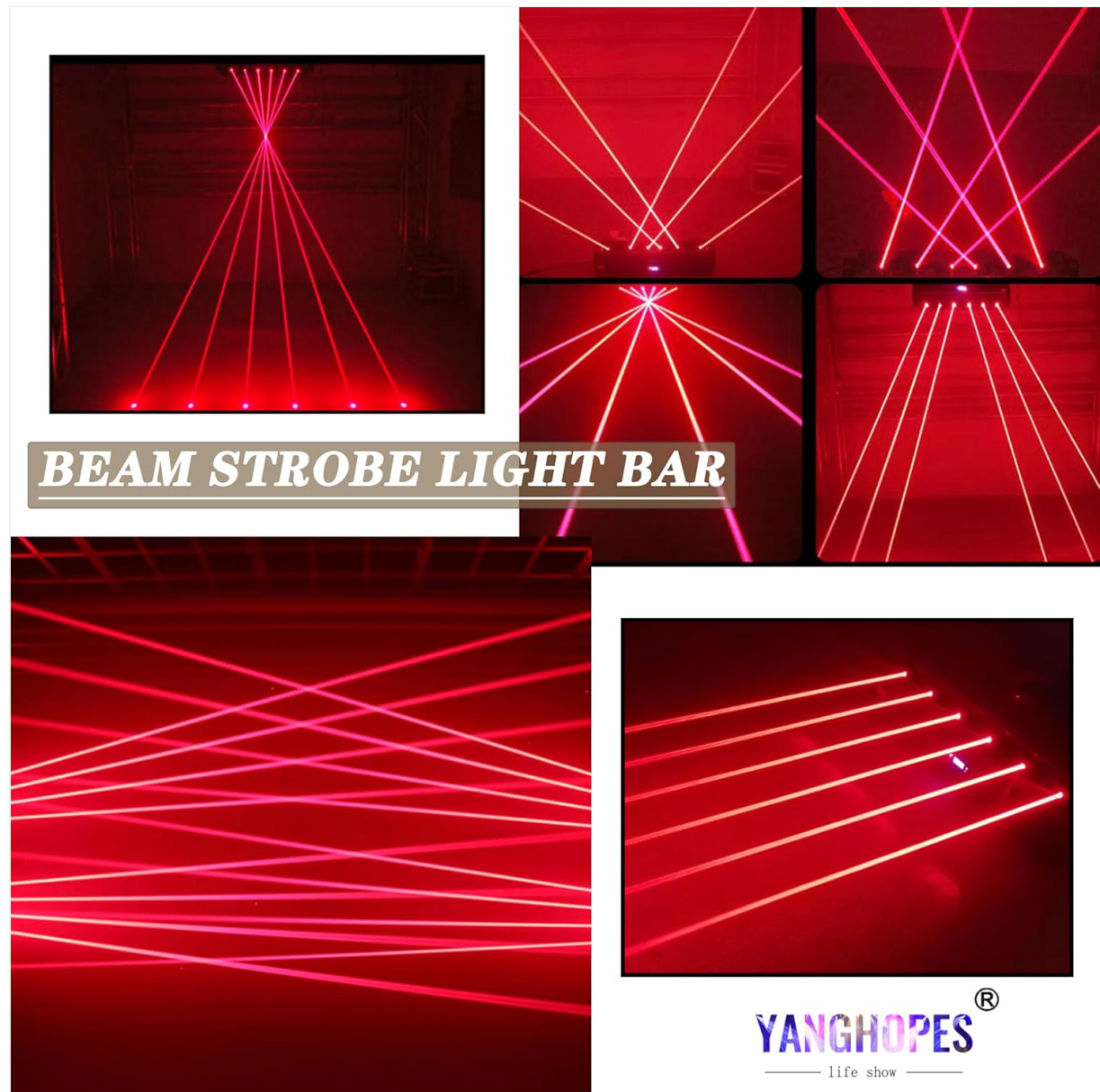


Image 4.1: Front view of the 6-Eye Red Moving Head Light Bar.



Image 4.2: Rear view with connection ports and control panel.

5. SETUP AND INSTALLATION

The light bar offers flexible installation options. It can be placed on a flat surface, or mounted to a wall or ceiling using the provided brackets.

5.1 Mounting Options

- **Floor Placement:** The unit features four foot pads on the bottom for stable placement on a flat surface.
- **Wall/Ceiling Mounting:** Use the included mounting brackets to securely attach the light bar to a truss, wall, or ceiling. Ensure the mounting surface can support the weight of the fixture and that all connections are tight.

5.2 Power Connection

Connect the provided power cable to the 'POWER IN' port on the rear of the unit and then to a suitable power outlet. The 'POWER OUT' port allows for daisy-chaining power to multiple units, simplifying cable management for larger setups.

5.3 DMX Connection (Optional)

For DMX control, connect a DMX cable from your DMX controller's output to the 'DMX IN' port on the light bar. To

control multiple units, connect a DMX cable from the first unit's 'DMX OUT' port to the next unit's 'DMX IN' port, and so on.

6. OPERATING MODES

The light bar supports multiple control modes to suit various applications:

- **DMX512 Mode:** Allows for precise control over all functions using an external DMX controller. This mode is ideal for professional lighting setups.
- **Sound Activated Mode:** The light bar responds to ambient sound, creating dynamic lighting effects synchronized with music or audio.
- **Automatic Mode:** The unit cycles through pre-programmed lighting sequences without external input.
- **Master-Slave Mode:** One unit acts as the 'Master' controlling other 'Slave' units. Connect the DMX OUT of the Master unit to the DMX IN of the first Slave unit, and continue the chain.

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Video 6.1: Demonstration of various red beam patterns and movement in a stage setting.

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Video 6.2: Another view of the 6-Eye Red Moving Head Light Bar showcasing its dynamic lighting capabilities.

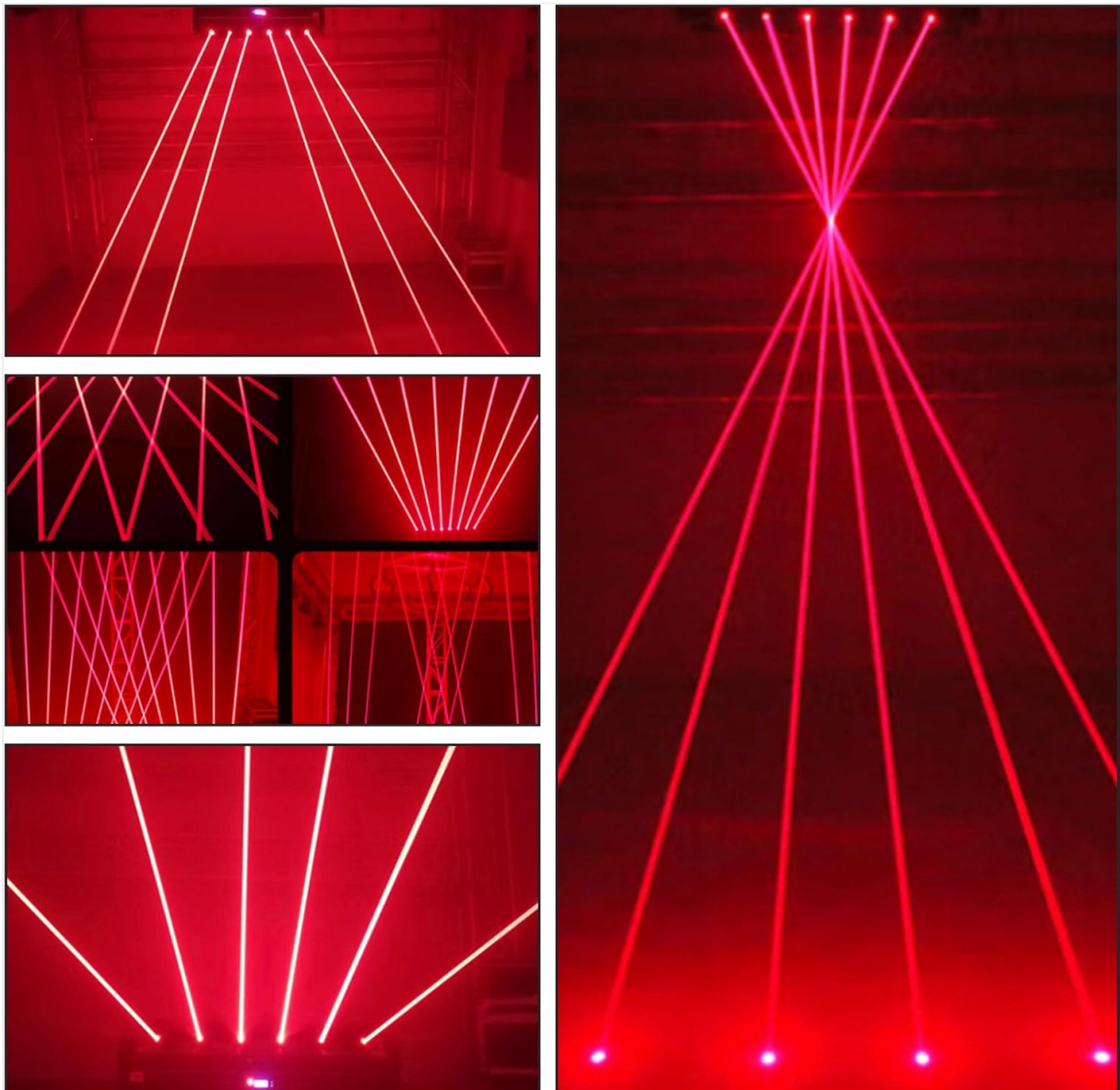


Image 6.3: Example of criss-cross beam patterns.



Image 6.4: Example of parallel and angled beam projections.

7. DMX CONTROL

The DMX512 protocol allows for advanced control of the light bar's features. Each of the six light beads can be controlled individually for X-axis and Y-axis movement, enabling complex and synchronized lighting programs. Refer to the DMX channel chart (not provided in this document, typically found in a separate DMX manual or on the device itself) for specific channel assignments and values.

8. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your light bar.

- **Cleaning:** Periodically clean the lens and exterior with a soft, lint-free cloth. Do not use abrasive cleaners or solvents. Ensure the device is powered off and unplugged before cleaning.
- **Inspection:** Regularly check power cables, DMX cables, and mounting hardware for any signs of wear or damage. Replace damaged components immediately.
- **Storage:** When not in use, store the light bar in a dry, dust-free environment, preferably in its original packaging or a protective case.

9. TROUBLESHOOTING

If you encounter issues with your light bar, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Power cable disconnected, faulty outlet, blown fuse.	Check power cable connection. Test outlet with another device. Inspect fuse and replace if necessary.
No light output	Incorrect mode selected, DMX signal issue, internal fault.	Verify operating mode. Check DMX connections and controller settings. Contact support if issue persists.
Beams not moving	Motor calibration issue, DMX signal issue, internal fault.	Ensure DMX channels for movement are correctly set. Power cycle the unit.
Unit overheating	Blocked ventilation, prolonged use in high ambient temperature.	Ensure ventilation openings are clear. Operate in a well-ventilated area. Allow unit to cool down.

10. SPECIFICATIONS

Technical specifications for the YANGHOPES 6-Eye Red Moving Head Light Bar:

Feature	Detail
Model Number	2Mixing Beam Light-0807
Color	6Eye Red Moving Head Bar Light
Shape	Bar or rectangular prism
Material	High brightness lamp beads and durable metal
Finish Type	Metallic/Plastic
Light Source Type	Light Emitting Diode
Power Source	Corded Electric
Maximum Compatible Light Source Wattage	150 Watts
Light Source Wattage	3 Watts
Mounting Type	Tilt
Bulb Features	Sound activation, Multiple control modes (DMX512, voice-activated, automatic, master-slave), Various lighting effects (Skynet beam show, running line bar effect, strobe effect, LED beam sense, running water strobe)
Certifications	CE, FCC
Number of Light Sources	6
Product Dimensions	12"L x 12"W x 12"H (Note: Image 5.1 shows 860mm length, 190mm height, 90mm depth, 140mm head height. Please refer to physical product for exact dimensions.)

Feature	Detail
Item Weight	22.3 pounds



Image 10.1: Product dimensions.

11. WARRANTY AND SUPPORT

YANGHOPES products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please contact your retailer or the manufacturer directly. Keep your purchase receipt as proof of purchase.