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> BSBL LED Moving Head DJ Light SLPY-06 User Manual

BSBL SLPY-06

BSBL LED Moving Head DJ Light SLPY-06 User Manual

Model: SLPY-06

1. INTRODUCTION

This manual provides essential information for the safe and effective operation of your BSBL LED Moving Head DJ Light, model SLPY-06. This device is designed for stage lighting applications, offering dynamic light effects with various colors and patterns. Please read this manual thoroughly before use and retain it for future reference.

2. SAFETY INFORMATION

- **Electrical Safety:** Always connect the device to a grounded power outlet. Ensure the power supply voltage matches the device's requirements (90 Volts). Disconnect power before cleaning or servicing.
- **Heat Warning:** The external surface of the light can reach up to 120°C. Avoid direct contact during operation.
- **Flammable Materials:** Maintain a minimum distance of 0.5 meters (1.64 feet) between the lighting surface and any flammable materials.
- **Ventilation:** Ensure adequate ventilation around the unit to prevent overheating. Do not block cooling fan vents.
- **Installation:** Securely mount the light using appropriate hardware. If suspending, ensure the mounting point can support the device's weight.
- **Eye Protection:** Avoid looking directly into the light source, as it can cause eye damage.
- **Moisture:** Do not expose the device to rain or moisture.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x BSBL LED Moving Head DJ Light (SLPY-06)
- 1 x Power Cable

- 1 x Handle
- 2 x Screws
- 1 x User Manual (this document)

4. PRODUCT OVERVIEW

The BSBL LED Moving Head DJ Light SLPY-06 is a compact and high-performance stage lighting fixture designed for various events. It features a powerful 30W LED, multiple color and pattern options, and flexible control modes.

Key Features:

- **High-Quality 30W LED:** Equipped with a premium 30W LED for intense brightness and long-term durability.
- **Color and Pattern Diversity:** Features 8 distinct pattern wheels (GOBOs) and 8 color wheels, capable of producing 8 colors and 7 mixed colors.
- **Flexible Operation Modes:** Supports Automatic, Voice Control, Master-Slave Link, and DMX512 modes.
- **Wide Movement Range:** Offers 540° pan (X-axis) and 210° tilt (Y-axis) for broad coverage.
- **Compact Design:** Portable and suitable for various venues, from small bars to stages.
- **Efficient Cooling:** Built-in silent fan for effective heat dissipation, extending LED lifespan.

Components:



Figure 4.1: Front view of the BSBL LED Moving Head DJ Light, illustrating its dynamic light output with multiple colors and patterns.



Figure 4.2: Side view of the light, highlighting its compact dimensions (approximately 7.9"L x 5.8"W x 10.2"H) and features like the cooling fan and LED light source.



Figure 4.3: Rear panel connections and controls, including DMX IN/OUT, power input, and the display with MENU, UP, DOWN, and ENTER buttons.



Figure 4.4: Illustration of the light's movement capabilities, demonstrating its 540-degree pan and 210-degree tilt rotation.

5. SETUP

1. **Unpacking:** Carefully remove the light fixture and all accessories from the packaging. Inspect for any damage during transit.
2. **Mounting:** The light is designed for floor mounting. Ensure it is placed on a stable, level surface. If suspending, use the provided handle and screws to securely attach it to a truss or suitable structure. Always use safety cables (not included) when suspending the unit.
3. **Power Connection:** Connect the provided power cable to the power input on the rear of the unit (refer to Figure 4.3). Plug the other end into a compatible 90V AC power outlet.
4. **DMX Connection (Optional):** If using DMX control, connect a DMX cable from your DMX controller's output 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.

6. OPERATING MODES

The BSBL LED Moving Head DJ Light offers four primary operating modes:

6.1. Automatic Mode

In Automatic mode, the light cycles through pre-programmed patterns and color changes without external input. This mode is suitable for quick setup and continuous operation.

6.2. Voice Control (Sound Activated) Mode

The Voice Control mode allows the light to react to ambient sound or music. The internal microphone detects sound, and the light's patterns and movements synchronize with the beat. This mode is ideal for parties and events where music is present.

6.3. Master-Slave Link Mode

To synchronize multiple lights, connect them in a master-slave configuration using DMX cables. Set one unit as the 'Master' and the others as 'Slaves'. The slave units will replicate the master unit's movements and effects, creating a coordinated light show.

6.4. DMX512 Control Mode

DMX512 mode provides precise control over all functions of the light using an external DMX controller. This mode is preferred for professional stage performances and complex lighting designs. Refer to your DMX controller's manual and the light's DMX channel chart (typically found in a separate DMX guide or on the manufacturer's website) for detailed programming instructions.



Figure 6.1: The light displaying various Gobo patterns and colors, illustrating its diverse output capabilities.

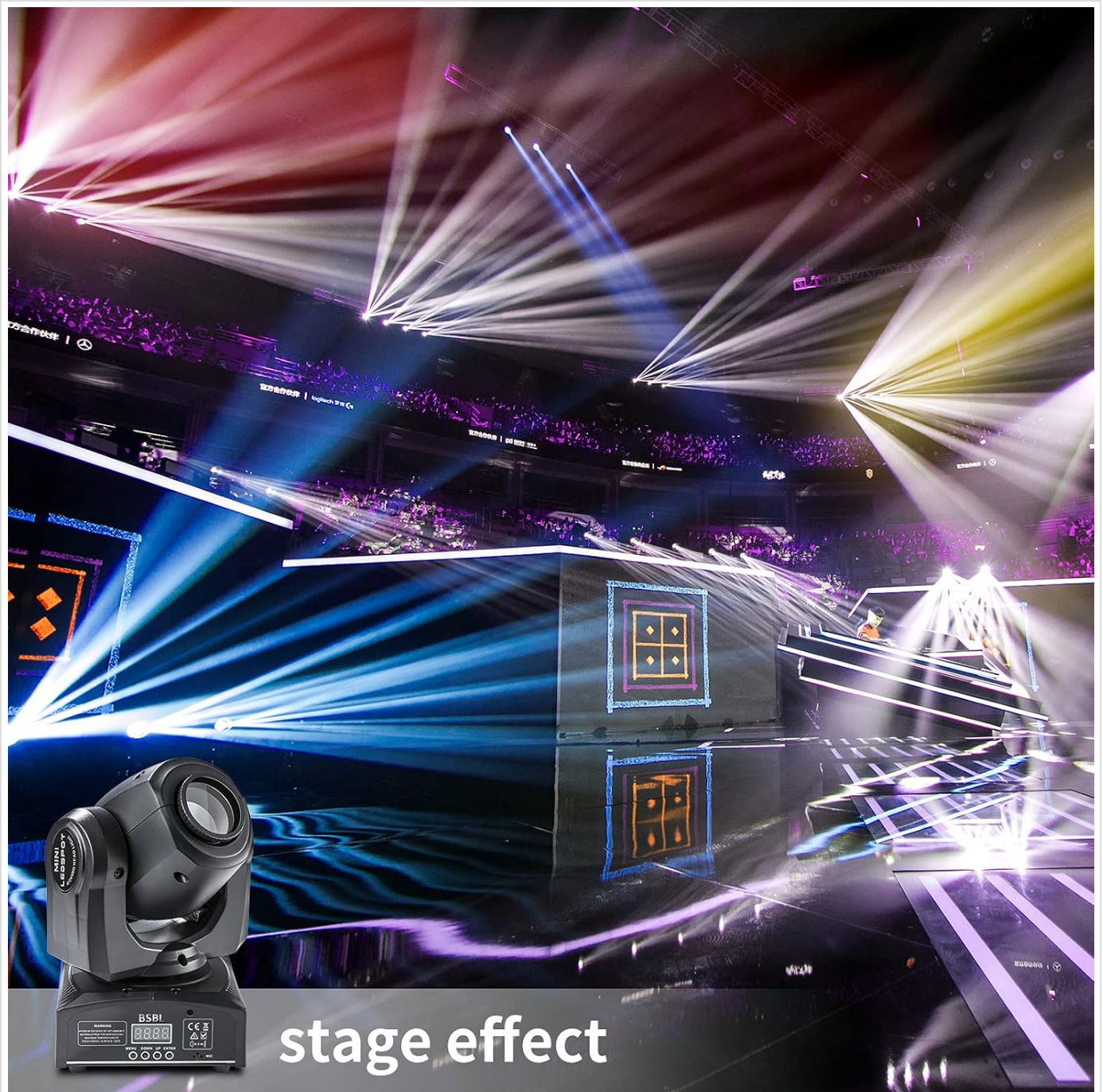


Figure 6.2: An example of the light's stage effect, showcasing its ability to create dynamic and engaging visual environments.

7. MAINTENANCE

- **Cleaning:** Regularly clean the lens and exterior casing with a soft, lint-free cloth. Do not use abrasive cleaners or solvents. Ensure the unit is powered off and unplugged before cleaning.
- **Cooling System:** Periodically check the cooling fan vents for dust accumulation. Use compressed air to clear any blockages to ensure efficient heat dissipation.
- **Inspection:** Routinely inspect 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 in a dry, dust-free environment, preferably in its original packaging or a protective case.

8. TROUBLESHOOTING

If you encounter issues with your BSBL LED Moving Head DJ Light, refer to the table below for common problems and solutions:

Problem	Possible Cause	Solution
Light does not power on	No power supply; Faulty power cable; Unit malfunction	Check power connection and outlet; Try a different power cable; Contact customer support if issue persists.
No light output	Unit in standby; LED failure; Incorrect mode selection	Check display for standby indicator; Cycle through operating modes; Contact customer support.
No DMX control	Incorrect DMX address; Faulty DMX cable; DMX controller issue; Incorrect DMX mode	Verify DMX address setting on the light; Check DMX cable connections; Test with a different DMX controller; Ensure light is in DMX mode.
Light movement is erratic or frozen	Motor issue; DMX signal interference; Overheating	Restart the unit; Check DMX connections; Ensure proper ventilation; Contact customer support.
Sound activated mode not working	Microphone blocked; Low sound input; Incorrect mode selection	Ensure microphone is clear; Increase sound volume; Select Voice Control mode.

9. SPECIFICATIONS

Feature	Specification
Model Number	SLPY-06
Light Source	30W LED
Voltage	90 Volts
Wattage	30 Watts
Pan Movement (X-axis)	540°
Tilt Movement (Y-axis)	210°
GOBO Wheel	8 Patterns
Color Wheel	8 Colors + 7 Mixed Colors
Control Modes	Automatic, Voice Control, Master-Slave, DMX512
Material	Iron, Plastic
Product Dimensions	7.9"L x 5.8"W x 10.2"H
Item Weight	5.61 pounds
Mounting Type	Floor Mount
UPC	763470984286

10. WARRANTY AND SUPPORT

BSBL is committed to providing quality products and customer satisfaction. Our dedicated customer service team is available 365 days a year to assist you with any questions regarding the use, setup, or troubleshooting of your LED Moving Head DJ Light.

For support, please refer to the contact information provided with your purchase or visit the official BSBL store for further assistance and resources:

[Visit the BSBL Store](#)