

## Weikass 100W Beam Moving Head Stage Light

# Weikass 100W Moving Head LED Beam DMX Stage Light User Manual

Model: 100W Beam Moving Head Stage Light

## 1. SAFETY INFORMATION

Please read this manual carefully before operating the device. Keep this manual for future reference. Failure to follow safety instructions may result in injury or damage to the product.

- **Electrical Safety:** This product must be grounded. Ensure the power supply voltage matches the device's requirements (110 Volts). Disconnect power before any service or maintenance.
- **Heat Warning:** The external surface of the device can reach up to 120°C. Maintain a minimum distance of 0.20m from flammable materials. Ensure adequate ventilation.
- **Mounting:** Securely mount the device using appropriate hardware. Ensure the mounting surface can support the device's weight (11 pounds).
- **Eye Safety:** Do not look directly into the light source.
- **Indoor Use:** This device is designed for indoor use. Avoid exposure to moisture or extreme temperatures.

## 2. PRODUCT OVERVIEW

### 2.1 Key Features

- **Light Source:** 1 x 100W 8500K COB LED.
- **Color Wheel:** 8 colors (7 colors + 1 open).
- **Gobo Wheel:** 8 gobos (7 gobos + 1 open).
- **Prism Effect:** 18-facet rotating prism.
- **Beam Angle:** 3 degrees for focused spot effects.
- **Movement:** X-axis (Pan) 540°, Y-axis (Tilt) 270° with automated position correction.
- **Control Modes:** DMX512, Master/Slave, Sound Activated, Auto Program.
- **DMX Channels:** 12 channels.
- **Construction:** V0 halogen-free flame retardant fuselage, smart start-stop cooling fan, linear focus.

### 2.2 Package Contents

Verify that all items are present upon unpacking:

- 1 x Weikass 100W Moving Head Light
- 1 x 1.2M Power Cable
- 1 x 1M DMX Cable
- 2 x Clamp Locks
- 1 x User Manual

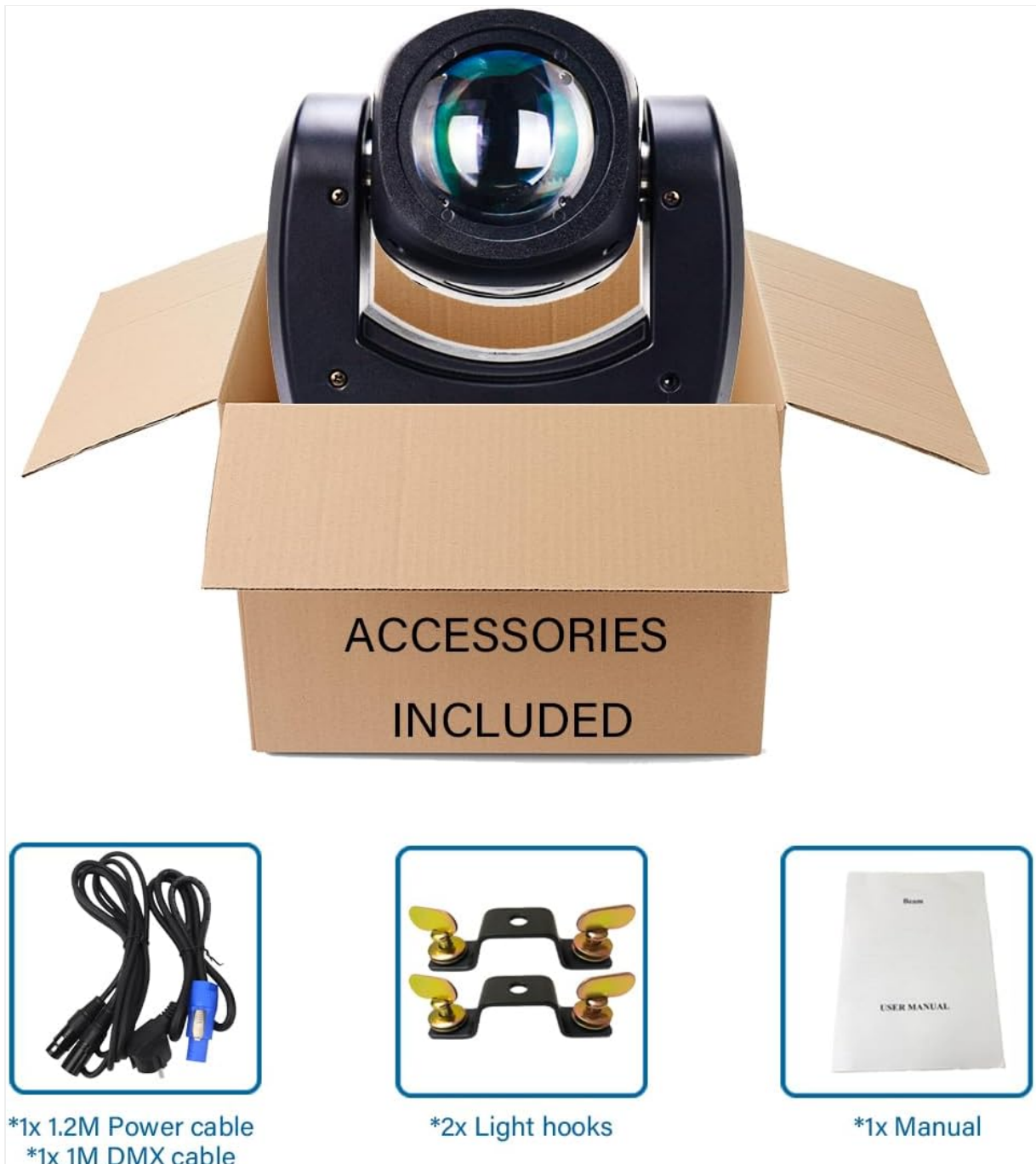


Figure 1: Included accessories for the Weikass 100W Moving Head Light.

### 3. SETUP

#### 3.1 Unpacking and Inspection

Carefully remove the device from its packaging. Inspect for any signs of damage during transit. If damage is found, do not operate the device and contact your supplier.

### 3.2 Mounting

The moving head light can be placed on a flat surface or mounted to a truss using the provided clamp locks. Ensure the mounting location is stable and can safely support the fixture's weight. Always use a safety cable when mounting overhead.

### 3.3 Connections

Connect the power cable to the power input on the rear of the unit. For DMX control, connect a DMX cable from your DMX controller to the DMX IN port. If linking multiple units, connect the DMX OUT of the first unit to the DMX IN of the next, and so on.

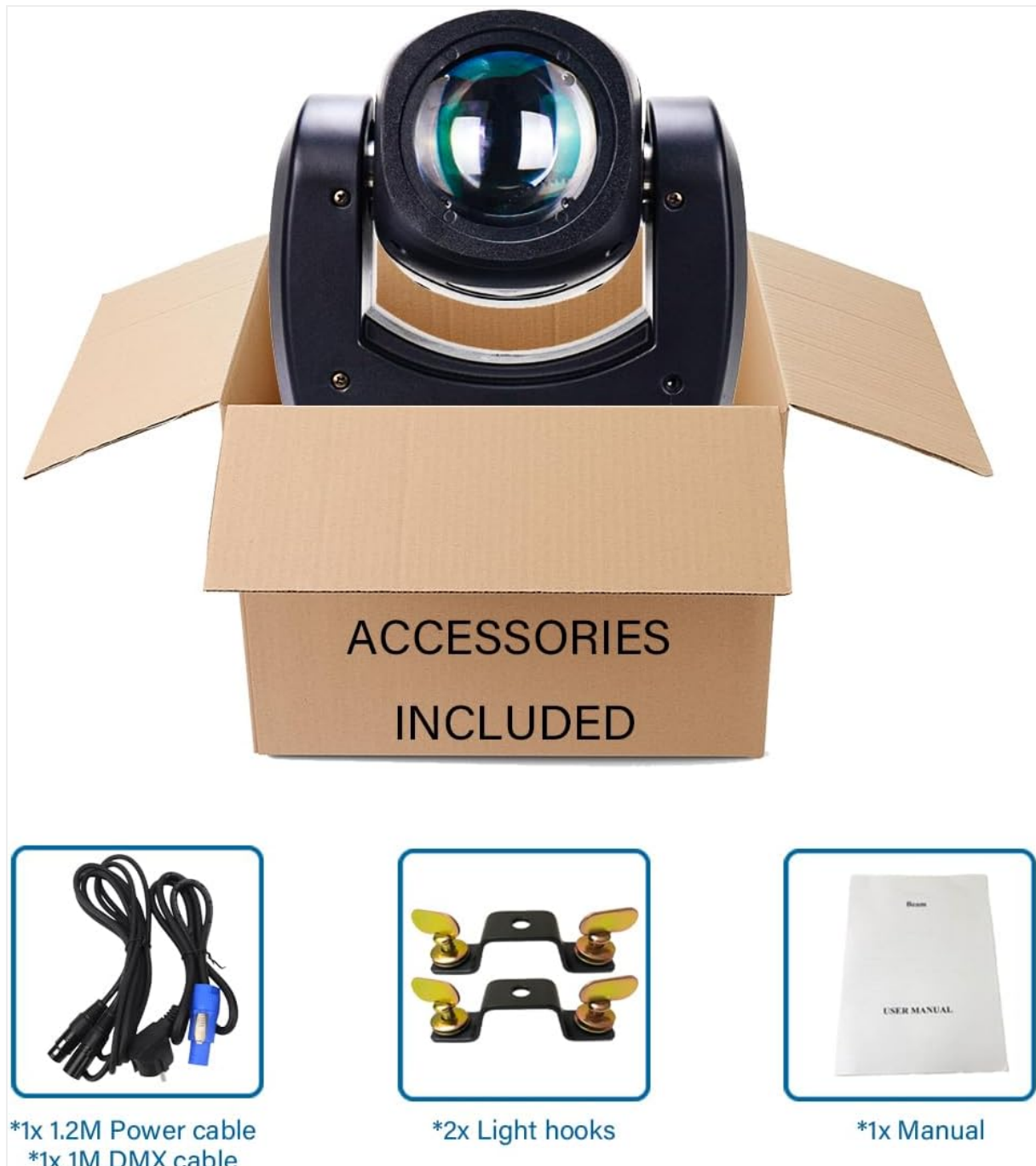


Figure 2: Rear panel connections including DMX and power inputs/outputs.

## 4. OPERATING MODES

The Weikass 100W Moving Head Light offers multiple control options via its control panel located on the base of the unit.



Figure 3: Control panel for mode selection and settings.

## 4.1 Control Panel Navigation

- **MENU:** Press to cycle through main menu options.
- **UP/DOWN:** Use to navigate within menu options or adjust values.
- **ENTER:** Confirm selection or save changes.

## 4.2 DMX512 Mode

This mode allows precise control over all functions using an external DMX controller. Connect your DMX controller to the DMX IN port. Use the control panel to set the DMX address for the fixture. Refer to the DMX channel chart in the appendix (if provided in the physical manual) for specific channel assignments.

## 4.3 Master/Slave Mode

Link multiple fixtures together for synchronized operation without a DMX controller. Connect the DMX OUT of the 'Master' unit to the DMX IN of the first 'Slave' unit, and continue the chain. Set the 'Master' unit to an auto or sound-activated mode, and set all 'Slave' units to 'Slave' mode via their control panels.

## 4.4 Sound Activated Mode

The fixture will react to ambient sound, changing patterns and colors in sync with music or other audio. Select 'Sound' mode from the control panel. The sensitivity may be adjustable.

## 4.5 Auto Program Mode

The fixture features built-in automated programs for various light shows. Select 'Auto' mode from the control panel and cycle through available programs using the UP/DOWN buttons. Speed and other parameters may be adjustable.

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Video 1: Demonstration of various light patterns, colors, and gobos produced by the 100W Moving Head Stage Light. This video illustrates the dynamic effects achievable with the fixture.

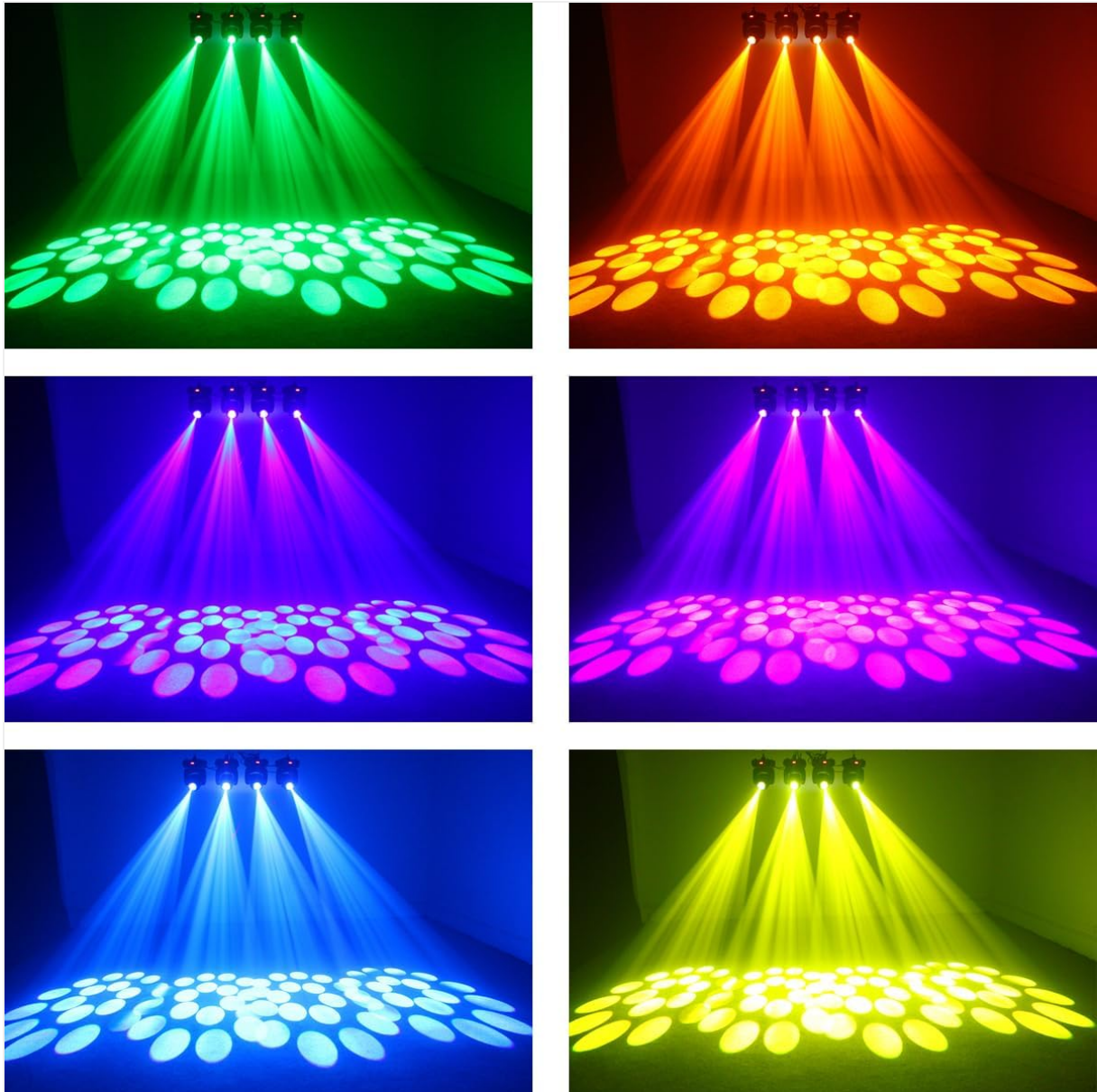


Figure 4: Examples of dynamic lighting effects and patterns created by the moving head light.

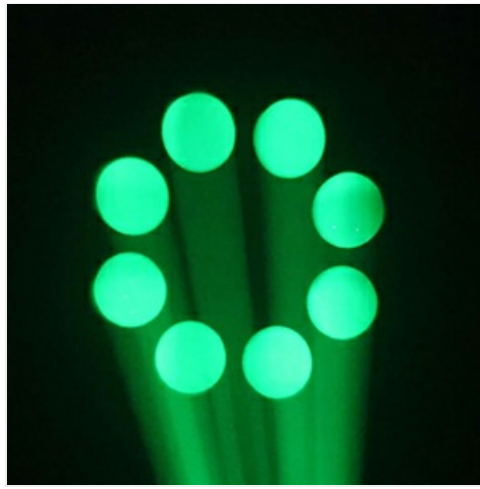


Figure 5: Detailed view of available gobo patterns.



Figure 6: The moving head light showcasing its color and gobo capabilities.

## 5. MAINTENANCE

### 5.1 Cleaning

Regular cleaning is recommended to ensure optimal performance and extend the lifespan of the fixture. Use a soft, lint-free cloth to wipe down the exterior. For optical components (lens, gobos), use a specialized lens cleaner and cloth to avoid scratches. Ensure the device is powered off and cooled before cleaning.

## 5.2 Inspection

Periodically inspect power cables, DMX cables, and mounting hardware for any signs of wear, damage, or loose connections. Replace any damaged components immediately.

## 5.3 Fuse Replacement

If the unit does not power on, check the fuse located on the rear panel. Disconnect power before attempting to replace the fuse. Use only fuses of the specified type and rating.

## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cable disconnected, faulty outlet, blown fuse.	Check power connections, try a different outlet, replace fuse.
No light output	Light source failure, dimmer channel set to 0, fixture in blackout mode.	Check DMX settings, ensure dimmer is up. If LED is faulty, contact support.
Fixture not responding to DMX	Incorrect DMX address, faulty DMX cable, DMX controller issue, DMX termination missing.	Verify DMX address, check DMX cable continuity, test with another controller, add DMX terminator.
Erratic movement or freezing	DMX signal interference, motor issue, internal error.	Check DMX signal quality, power cycle the unit. If problem persists, contact support.

## 7. SPECIFICATIONS

Feature	Specification
Brand	Weikass
Model Number	100W Beam Moving Head Stage Light
Light Source	1 x 100W 8500K COB LED
Voltage	110 Volts
Wattage	100 Watts (Light Source), 120 Watts (Total)
Brightness	1000 lumens
Color Temperature	8500 Kelvin
Beam Angle	3 Degrees
Pan Movement	540°
Tilt Movement	270°
DMX Channels	12CH
Product Dimensions	9.2"L x 6.2"W x 12"H (23.5cm x 16cm x 31cm)

Feature	Specification
Item Weight	11 Pounds (5 kg)
Material	Aluminum, Glass, Metal, Plastic
Certifications	CE, RoHS

## 8. WARRANTY AND SUPPORT

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For warranty information and technical support, please refer to the documentation included with your purchase or contact the seller directly. Keep your proof of purchase for any warranty claims.

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