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› [Weikass](#) /

› [Weikass 36x12W LED Zoom Wash Moving Head Light Instruction Manual](#)

Weikass 36x12

Weikass 36x12W LED Zoom Wash Moving Head Light

Instruction Manual

1. INTRODUCTION

Thank you for choosing the Weikass 36x12W LED Zoom Wash Moving Head Light. This professional lighting fixture is designed for various applications, including stage performances, events, and installations, offering dynamic lighting effects with its RGBW 4-in-1 or RGBWAUV 6-in-1 LED configuration and DMX512 control. This manual provides essential information for the safe and efficient operation of your new lighting equipment.



Figure 1.1: Weikass 36x12W LED Zoom Wash Moving Head Lights.

The fixture features robust construction from high-temperature resistant plastic and molded alloy material, ensuring durability. Its advanced features include precise Pan and Tilt movements, linear dimming, variable stroboscopic effects, and intelligent protection mechanisms. Please read this manual thoroughly before installation and operation to ensure proper use and to extend the lifespan of the product.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent electric shock, fire, or injury:

- Ensure the power supply voltage matches the specified requirements (AC100V-240V, 50-60Hz).
- Do not open the housing. There are no user-serviceable parts inside. Refer all servicing to qualified personnel.
- Disconnect the power cable before cleaning or performing any maintenance.
- Avoid direct eye exposure to the light source. The light output is intense.
- Ensure adequate ventilation around the fixture to prevent overheating. Do not block ventilation openings.
- Install the fixture in a stable and secure location, away from flammable materials.
- This product is rated IP20, meaning it is protected against solid objects over 12.5mm but has no protection against water. Do not expose to rain or moisture.

3. SETUP

3.1 Unpacking

Carefully unpack the lighting fixtures and accessories. Verify that all components are present:

- 2 x Weikass 36x12W LED Zoom Wash Moving Head Lights
- Power cables
- DMX cables (if included)
- Mounting accessories (if included)

Inspect the fixtures for any damage incurred during shipping. If any damage is found, contact your supplier immediately.

3.2 Physical Installation

The fixture can be placed on a flat surface or mounted using appropriate clamps and safety cables. Ensure the mounting surface or truss can support the weight of the fixture (approximately 66 pounds per unit).



Figure 3.1: Single Weikass Moving Head Light.

Dimensions: 13"L x 8"W x 17"H. Allow sufficient space for movement of the head and for ventilation.



< Back >



Figure 3.2: Product Dimensions.

3.3 Power Connection

Connect the power cable to the fixture's power input and then to a grounded power outlet. Ensure the power supply is within the specified range of AC100V-240V, 50-60Hz. The fixture uses a 7A fuse.

3.4 DMX Connection

For DMX control, connect a DMX cable from your DMX controller's output to the DMX IN port of the first fixture. For multiple fixtures, daisy-chain them by connecting the DMX OUT of the first fixture to the DMX IN of the next, and so on. Terminate the last fixture in the chain with a DMX terminator (120 Ohm resistor between pins 2 and 3 of the last DMX OUT connector) for stable signal transmission.

4. OPERATING INSTRUCTIONS

4.1 Control Panel

The fixture features an LCD 650000 color touch TFT interface for easy operation. The interface can be reversed 180 degrees for convenience depending on mounting orientation.

Product style

High-quality



Figure 4.1: Product Style and Control Panel Location.

4.2 DMX Channels and Functions

The fixture operates with an international standard DMX512 control signal. It offers 16 channels for the 4-in-1 LED version and 15/17 channels for the 6-in-1 LED version. Refer to the DMX chart in the appendix (not provided in this manual, typically found in a separate technical sheet) for detailed channel assignments.

- **Pan (X-axis):** 540° horizontal rotation with automatic correction positioning.
- **Tilt (Y-axis):** 270° vertical rotation with automatic correction positioning.
- **Dimming:** 0-100% linear adjustment for smooth intensity control.
- **Stroboscopic:** Adjustable speed from 1 to 30 times per second, with complete linear dimming and variable stroboscopic speed.
- **Focusing:** Utilizes optical combination for high-definition projection effects.
- **Motors:** Equipped with 3 quiet motors for precise and smooth movements.



Figure 4.2: Examples of Light Effects (1).



Figure 4.3: Examples of Light Effects (2).

4.3 Intelligent Features

- **Intelligent Protection against Overheating:** The fixture is designed to protect itself from excessive temperatures.
- **Intelligent Dimming Control:** This feature helps extend the lamp life by optimizing dimming processes.

5. MAINTENANCE

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

- **Cleaning:** Periodically clean the lenses and exterior housing with a soft, lint-free cloth. For stubborn dirt, use a mild glass cleaner. Ensure the fixture is powered off and cool before cleaning.
- **Ventilation:** Ensure all ventilation openings are clear of dust and debris. Use compressed air to clear vents if necessary.
- **Cable Inspection:** Regularly check power and DMX cables for any signs of wear, cuts, or damage. Replace damaged cables immediately.

- **General Inspection:** Periodically check all screws and mounting hardware to ensure they are secure.

Always disconnect the fixture from the power supply before performing any maintenance.

6. TROUBLESHOOTING

This section addresses common issues you might encounter. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
Fixture does not power on.	No power, faulty cable, blown fuse.	Check power connection, test cable, replace fuse (7A).
No DMX control.	Incorrect DMX address, faulty DMX cable, no terminator, DMX controller issue.	Verify DMX address, check cables, add terminator, test controller.
Fixture overheating.	Blocked ventilation, prolonged use in high ambient temperature.	Ensure clear vents, allow fixture to cool, operate in suitable environment.
Erratic movement or light output.	DMX signal interference, internal fault.	Check DMX chain and termination, power cycle fixture. If problem persists, seek professional service.

7. SPECIFICATIONS

Detailed technical specifications for the Weikass 36x12W LED Zoom Wash Moving Head Light:

Power Supply	AC100V-240V
Frequency	50 Hz-60 Hz
Fuse	7A
Total Power	450W
Lamp Power	320W
LED Type	36x12W RGBW 4in1 / 36x18W RGBWAUV 6in1 LED
Color Temperature	8500K
Control Signal	International Standard DMX512
DMX Channels	16chs (4in1); 15/17chs (6in1)
Pan Movement	540°
Tilt Movement	270°
Average LED Life	2000h
Beam Angle	25° (35°/45° optional)
Protection Grade	IP20
Appearance Material	High temperature resistant plastic + molded alloy material

Lamp Body Color	Black/White
Item Weight	66 Pounds
Product Dimensions (L x W x H)	13" x 8" x 17"
Certifications	CE, RoHS

8. WARRANTY AND SUPPORT

Specific warranty details are typically provided at the point of purchase or on the product packaging. Please retain your proof of purchase for any warranty claims.

For technical support, service, or inquiries regarding your Weikass 36x12W LED Zoom Wash Moving Head Light, please contact your retailer or the manufacturer directly. Refer to the contact information provided with your purchase or on the official Weikass website.