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### Ehaho L2400

# Ehaho DJ Laser Party Light 5 in 1 User Manual

Model: L2400

## INTRODUCTION

Thank you for purchasing the Ehaho DJ Laser Party Light 5 in 1. This device combines laser, RGB/UV, and strobe effects to create dynamic lighting for various events. This manual provides essential information for safe operation, setup, maintenance, and troubleshooting to ensure optimal performance and longevity of your device.



*Image: The Ehaho DJ Laser Party Light 5 in 1, showcasing its compact design and various laser patterns projected.*

## SAFETY PRECAUTIONS

Please read and understand all safety warnings before operating this device. Failure to follow these instructions may result in injury or damage to the device.

- **Laser Safety:** Avoid direct eye exposure to the laser beam. This product uses Class 3B lasers, which can cause eye damage.
- Do not open the housing. There are no user-serviceable parts inside. Refer all servicing to qualified personnel.
- Ensure proper ventilation. Do not block ventilation openings.
- Operate the device in a dry environment. Avoid exposure to water or high humidity.
- Use only the provided power adapter.
- Keep out of reach of children.

## PACKAGE CONTENTS

Verify that all items are present and in good condition upon unboxing:

- Ehaho DJ Laser Party Light Unit
- Power Adapter (AC100-240V)
- Remote Control (2 Lithium Ion batteries included)
- User Manual

## SETUP

### 1. Unpacking and Placement

Carefully remove the device from its packaging. Place the unit on a stable, flat surface or mount it securely using appropriate hardware (not included). Ensure there is sufficient space around the unit for ventilation.



*Image: Detailed view of the Ehaho DJ Laser Party Light, showing its dimensions, power switch, cooling fan, display panel, and DMX input/output ports.*

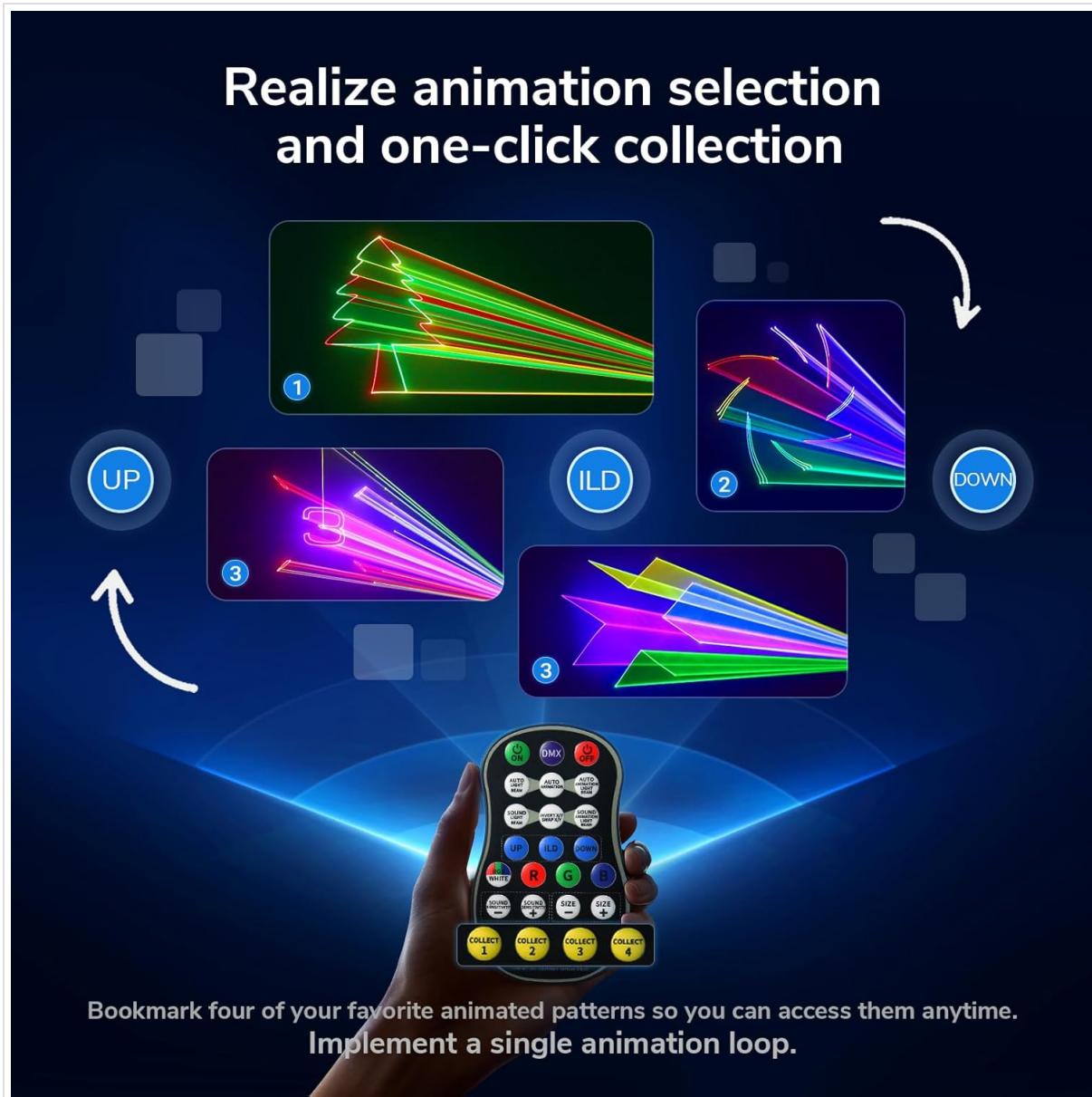
### 2. Power Connection

1. Connect the provided power adapter to the "AC110-220V" input port on the rear of the unit.
2. Plug the power adapter into a suitable electrical outlet (110 Volts).

3. Turn on the power switch located on the rear panel. The display panel will illuminate.

### 3. Remote Control Setup

The remote control comes with two Lithium Ion batteries pre-installed. If the remote is unresponsive, check or replace the batteries.



*Image: The remote control for the Ehaho DJ Laser Party Light, illustrating its various buttons for animation selection and collection.*

## OPERATING INSTRUCTIONS

### 1. Control Modes

The Ehaho DJ Laser Party Light supports multiple control modes:

- **Automatic Mode:** The unit cycles through pre-programmed patterns and effects automatically.
- **Sound Activated Mode:** The light effects respond to music or sound detected by the built-in microphone.
- **DMX Mode:** For professional control, connect the unit to a DMX controller using the DMX IN/OUT ports. Refer to the DMX section for channel assignments.

- **Remote Control Mode:** Use the included remote to select patterns, colors, and modes.

## 2. Using the Remote Control

The remote control allows for easy adjustment of various settings:

- **Mode Selection:** Buttons for Auto, Sound, DMX.
- **Pattern Selection:** Navigate through hundreds of 3D animated laser patterns using UP/DOWN buttons.
- **Color Control:** Select individual laser colors (Red, Green, Blue, UV) or combinations.
- **Strobe Effect:** Activate or adjust the strobe light.
- **Pattern Size Adjustment:** Use the "SIZE +" and "SIZE -" buttons to adjust the projection size.
- **Animation Collection:** Bookmark up to four favorite animated patterns using the "COLLECT 1-4" buttons for quick access.

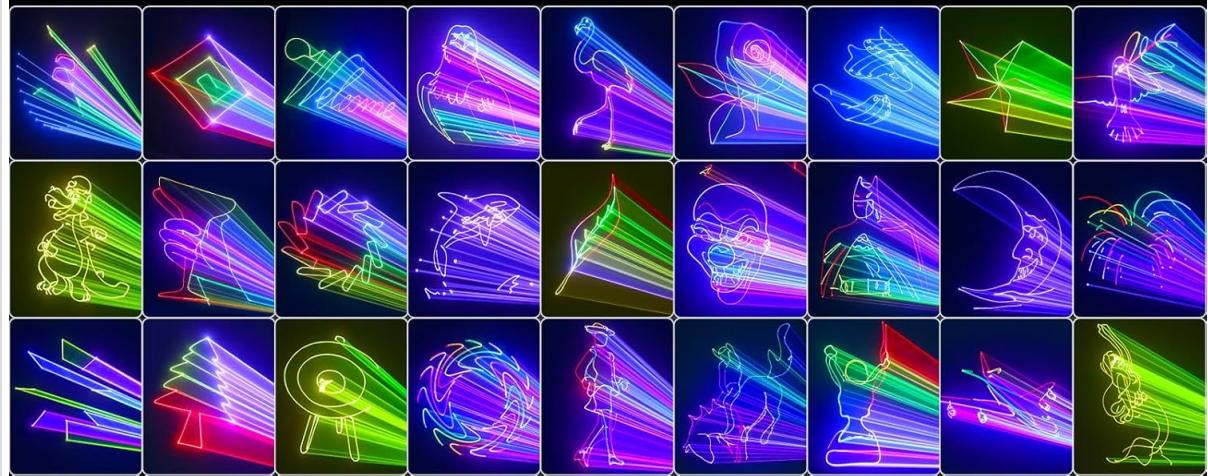


*Image: Demonstration of the adjustable laser pattern size feature, showing a larger and smaller projection of the same pattern.*

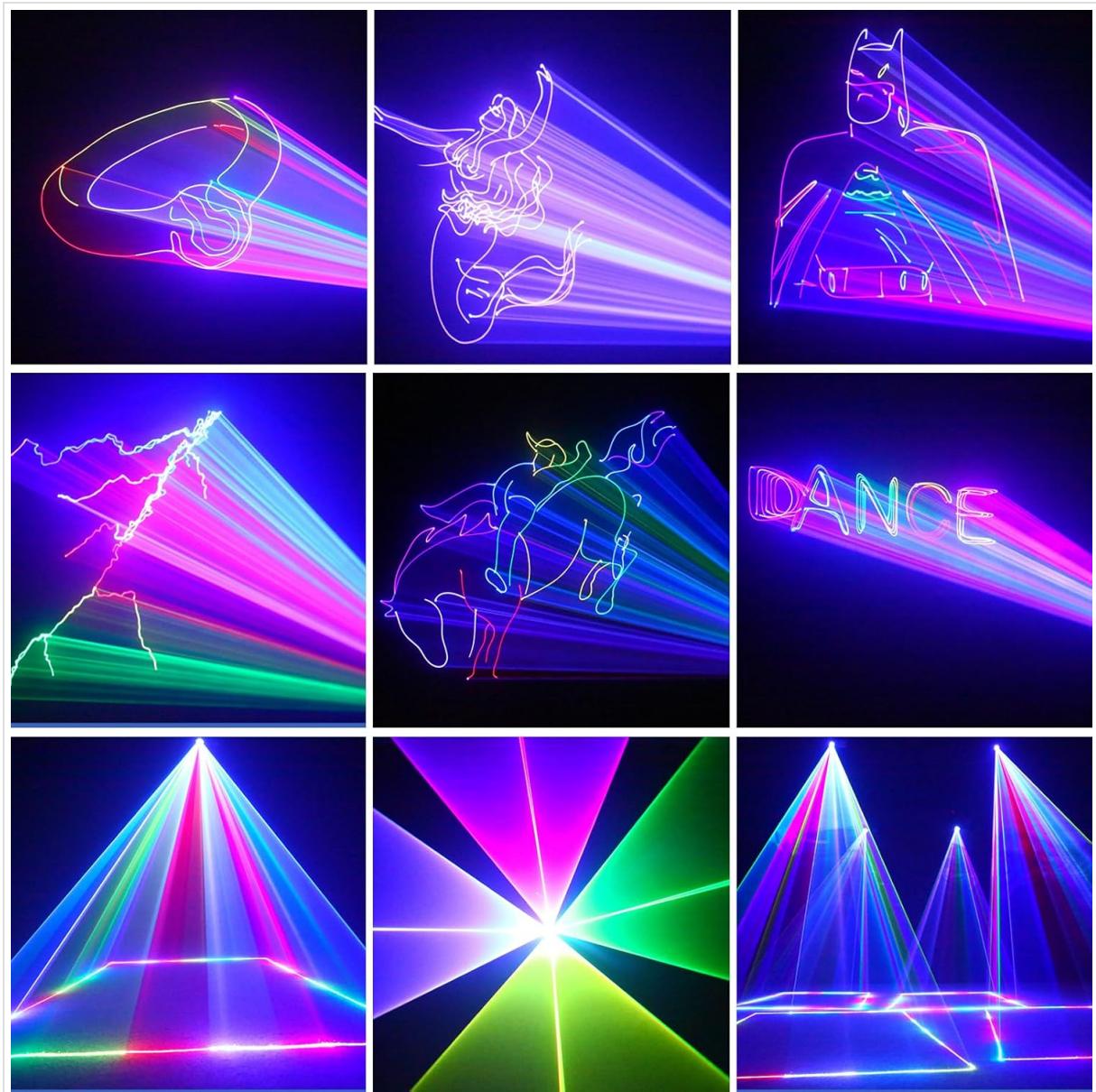
# Hundreds



## Hundreds of 3D Animated Lasers



*Image: A grid displaying various 3D animated laser patterns available from the device.*



*Image: Additional examples of diverse laser patterns, including abstract shapes and animated figures.*



## Larger Projection Area

Zoom In & Zoom Out - Adjust Size As Needed

*Image: The laser light projecting a large animated pattern onto a wall, demonstrating its ability to cover a significant area.*

### 3. DMX Control (Advanced)

For professional lighting setups, the unit can be controlled via DMX512. Connect your DMX controller to the DMX IN port. Use the DMX OUT port to daisy-chain multiple units.

**DMX Channel Assignments:** (Typical assignments, refer to specific DMX manual for full details)

Channel	Function	Value Range
1	Mode Selection (Auto, Sound, DMX)	0-255
2	Pattern Selection	0-255
3	Red Laser Intensity	0-255
4	Green Laser Intensity	0-255
5	Blue Laser Intensity	0-255
6	UV Light Intensity	0-255

Channel	Function	Value Range
7	Strobe Speed	0-255
8	Pattern Rotation/Movement	0-255

*Note: Specific DMX channel functions and values may vary slightly. Always refer to the detailed DMX protocol provided with the device or on the manufacturer's website for precise control.*

## MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your laser light.

- Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. For the lens, use a lens cleaning cloth and solution specifically designed for optical surfaces. Do not use abrasive cleaners.
- Ventilation:** Ensure the cooling fan and ventilation openings are free from dust and debris. Periodically clean them with compressed air.
- Storage:** When not in use, store the device in a cool, dry place, away from direct sunlight and extreme temperatures.
- Power Cord:** Regularly inspect the power cord for any damage. If damaged, replace it immediately with an approved cord.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cord not connected; Power switch off; Faulty outlet	Ensure power cord is securely connected; Turn on power switch; Test outlet with another device
No laser output	Unit in standby mode; Lens obstructed; Internal fault	Press a mode button on remote; Clean lens; Contact support if problem persists
Remote control not working	Batteries dead or incorrectly inserted; Remote not aimed at IR receiver	Replace batteries; Ensure correct polarity; Aim remote directly at the front of the unit
Patterns are dim or unclear	Ambient light too high; Lens dirty; Projection distance too far	Operate in darker environments; Clean lens; Adjust projection distance or pattern size
Sound activated mode not responding	No sound input; Microphone obstructed; Sensitivity too low	Ensure music is playing near the unit; Check microphone area for obstructions; Adjust sound sensitivity if available (via DMX or advanced settings)

## SPECIFICATIONS

Feature	Detail
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Feature	Detail
Model Number	L2400
Brand	Ehaho
Product Dimensions	22.1 x 19.05 x 8.64 cm
Item Weight	1.75 kg
Light Source Type	Laser, Light Emitting Diode (LED for RGB/UV)
Laser Class	Class 3B
Control Modes	Auto, Sound Activated, DMX512, Remote Control
Power Source	Corded Electric
Voltage	110 Volts (AC100-240V input)
Material	Aluminum
Color	Multicolor
Batteries (Remote)	2 Lithium Ion batteries (included)

## WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official Ehaho website. Keep your purchase receipt as proof of purchase.

### Online Resources:

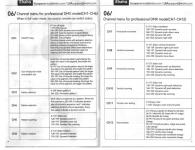
- Ehaho Brand Store: [Visit the Ehaho Store on Amazon](#)

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This manual is subject to change without notice.

## Related Documents - L2400

 <p>EHHAHO LUMIÈRE LASER DE L'APPLICATION Manuel de l'utilisateur Excluement en Anglais</p>	<p><a href="#">Manuel d'Utilisateur Lumière DJ EHAHO LA500</a></p> <p>Ce manuel d'utilisation complet pour la lumière DJ EHAHO LA500 détaille l'installation, l'utilisation de l'application LightElf et du contrôle DMX, ainsi que les consignes de sécurité essentielles pour créer des spectacles lumineux dynamiques pour fêtes, bars et clubs.</p>
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	<p><a href="#"><b>Ehaho Professional DMX Mode Channel Menu Guide</b></a></p> <p>Comprehensive guide detailing the DMX channel functions (CH1-CH32) for Ehaho professional lighting control consoles, explaining modes, patterns, colors, and movements.</p>
	<p><a href="#"><b>Ehaho L2600 RGB Laser Light User Manual</b></a></p> <p>Comprehensive user manual for the Ehaho L2600 3D Animation RGB Laser Light, covering installation, safety, operation, and DMX control.</p>
	<p><a href="#"><b>Ehaho L2800 RGB Double Projection Laser Lamp User Manual</b></a></p> <p>Comprehensive user manual for the Ehaho L2800 RGB Double Projection Laser Lamp, detailing its features, operation, safety precautions, and remote control functions for DJ and party lighting.</p>
	<p><a href="#"><b>Ehaho L2600 3D Animation RGB Laser Light User Manual</b></a></p> <p>Comprehensive user manual for the Ehaho L2600 3D Animation RGB Laser Light, covering general instructions, safety warnings, remote control, and detailed DMX control parameters for professional lighting setups.</p>
	<p><a href="#"><b>Ehaho L2600 3D Animation RGB Laser Light User's Manual</b></a></p> <p>User's manual for the Ehaho L2600 3D Animation RGB Laser Light. Covers DMX control, operation modes, safety instructions, and technical specifications for stage and party lighting.</p>