Elinchrom EL20487.1

Elinchrom D-Lite RX 4 400ws Studio Flash Monolight Instruction Manual

1. INTRODUCTION

The Elinchrom D-Lite RX 4 is a lightweight, portable studio flash monolight designed for professional photography. This unit features auto-sensing multi-voltage operation, accommodating AC power sources from 90-260VAC. It offers precise power variability over 5.0 stops in 1/10 stop increments, ensuring accurate light control. The D-Lite RX 4 provides fast recycling times and short flash durations, making it suitable for capturing dynamic subjects. This manual provides essential information for the safe and effective use of your Elinchrom D-Lite RX 4.

2. SAFETY INSTRUCTIONS

- Always disconnect the unit from the power supply before cleaning or performing any maintenance.

- Do not expose the unit to rain, moisture, or extreme temperatures.

- Ensure proper ventilation around the unit during operation to prevent overheating.

- Avoid direct eye exposure to the flash tube, as it can cause temporary vision impairment.

- Use only Elinchrom approved accessories and replacement parts.

- The included 120V 100W modeling lamp must be replaced with a 230V compatible lamp when operating the unit in 230V electrical environments.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Elinchrom D-Lite RX 4 Flash Head

- Power cord (U.S. plug)

- Sync cord

- Flash tube

- Protective cap

- 120V 100W Modeling lamp (pre-installed or separate)
- Built-in EL-Skyport Receiver

4. COMPONENTS OVERVIEW

Familiarize yourself with the main components of the Elinchrom D-Lite RX 4:

Figure 4.1: Main view of the Elinchrom D-Lite RX 4 flash head with the modeling lamp installed, showing the front and side profile.

Figure 4.2: Side view of the Elinchrom D-Lite RX 4 flash head, highlighting the compact design and handle.

Figure 4.3: Front view of the Elinchrom D-Lite RX 4 flash head with the protective cap in place, demonstrating its readiness for transport or storage.

Figure 4.4: Close-up of the Elinchrom brand name embossed on the top handle of the flash unit, indicating the manufacturer.

Figure 4.5: Detailed view of the mounting bracket and adjustment knob on the Elinchrom D-Lite RX 4, showing how it attaches to a light stand and allows for angle adjustments.

5. SETUP

5.1 Mounting the Flash Head

1. Securely attach the D-Lite RX 4 to a compatible light stand using the integrated mounting bracket.

2. Adjust the angle of the flash head as needed and tighten the adjustment knob to lock it in position.

5.2 Power Connection

1. Ensure the flash unit is switched off before connecting to power.

2. Connect the provided power cord to the unit and then to a suitable AC power outlet. The D-Lite RX 4 is auto-sensing and compatible with 90-260VAC.

3. **Important:** If operating in a 230V electrical environment, the pre-installed 120V 100W modeling lamp must be replaced with a 230V compatible modeling lamp to prevent damage.

5.3 Attaching Light Modifiers

The D-Lite RX 4 features a bayonet mount compatible with all Elinchrom accessories and softboxes up to 53 inches (135 cm). To attach a modifier, align it with the bayonet mount and twist until it locks securely.

6. OPERATION

6.1 Powering On/Off

Locate the power switch on the unit and toggle it to the 'ON' position to power on the flash. Toggle to 'OFF' to power down.

6.2 Adjusting Flash Power

Use the control dial or buttons on the unit to adjust the flash power. The D-Lite RX 4 allows for power adjustments over 5.0 stops in precise 1/10 stop increments.

6.3 Modeling Lamp Control

The modeling lamp can be controlled independently. Refer to the unit's display or controls for options such as proportional, full, or off settings for the modeling light.

6.4 Triggering the Flash

The D-Lite RX 4 can be triggered in several ways:

- **Sync Cord:** Connect a standard sync cord from your camera to the flash unit's sync port.
- **Built-in EL-Skyport Receiver:** Utilize the integrated EL-Skyport receiver for wireless triggering.

7. EL-Skyport System

The Elinchrom D-Lite RX 4 features a built-in EL-Skyport Receiver, enabling wireless control and triggering. This receiver supports eight frequency channels and can manage up to four distinct groups of flashes.

7.1 Using the EL-Skyport Transmitter (Optional)

For full wireless control, a separate EL-Skyport ELS Speed Transmitter (sold separately) is required. This transmitter allows you to:

- Trigger your flash from distances up to 393 feet (120 meters).
- Control flash power on/off.
- Adjust modeling light functions.
- Activate Speed Sync for faster shutter speeds.

7.2 Software and App Control

Free software is available for Mac and PC computers, providing additional features such as Flash-Delay for creating strobing effects. An optional Wi-Fi module for the transmitter allows for full remote control via specially designed apps for iPhone, iPad, or iPod Touch devices.

8. Compatible Accessories

The Elinchrom D-Lite RX 4's bayonet mount is designed to be compatible with a wide range of Elinchrom light shapers and accessories, including softboxes up to 53 inches (135 cm) in diameter. Using genuine Elinchrom accessories ensures optimal performance and compatibility.

9. Maintenance

9.1 Cleaning

Ensure the unit is unplugged before cleaning. Use a soft, dry cloth to wipe the exterior of the flash head. Do not use abrasive cleaners or solvents. For the flash tube and modeling lamp, use a clean, lint-free cloth, avoiding direct contact with bare hands to prevent oil residue.

9.2 Flash Tube Replacement

Flash tubes have a limited lifespan. When replacement is necessary, ensure the unit is unplugged and cooled down. Carefully remove the old flash tube and install a new, compatible Elinchrom flash tube, following the instructions provided with the replacement part.

10. Troubleshooting

- **Flash not firing:** Check power connection, ensure the unit is switched on, verify sync cord connection or

Skyport transmitter settings.

- **Slow recycling:** Ensure the unit is connected to a stable power source. Extremely low power settings may result in faster recycling, while full power requires more time.

- **Modeling lamp not working:** Check if the modeling lamp is securely seated and not burnt out. Verify modeling lamp settings on the unit.

- **Overheating:** Ensure adequate ventilation around the unit. If the unit feels excessively hot, power it off and allow it to cool down before resuming operation.

11. SPECIFICATIONS

Feature	Specification
Model Number	EL20487.1
Power Output	400ws
Power Variability	5.0 stops in 1/10 stop increments
Recycling Time (115V)	0.35-1.6 seconds
Flash Duration (min)	1/800 second
Flash Sync Speed	1/250 second
Built-in Receiver	EL-Skyport Receiver (8 channels, 4 groups)
Compatible Mountings	Hot Shoe Mount, Cold Shoe Mount
Product Dimensions	14.96 x 0.33 x 8.27 inches
Item Weight	3.3 pounds
Power Source	AC Powered (90-260VAC auto-sensing)
Manufacturer	Elinchrom

12. WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or service, please refer to the warranty card included with your product or visit the official Elinchrom website. Keep your purchase receipt as proof of purchase for warranty claims.

Related Documents - EL20487.1

	Elinchrom ONE Quick Start Guide: Features, Setup, and Operation A concise guide to setting up and using the Elinchrom ONE portable flash unit, covering screen views, connection, settings, and control panel operation.
	Elinchrom ELC Pro HD Monolight Quick Start Guide and App Features Comprehensive guide for the Elinchrom ELC Pro HD Monolight, detailing its display panel functions, menu navigation, modeling lamp settings, error codes and solutions, and the Elinchrom Studio App. Includes setup and operational information.
	Elinchrom ONE Quick Start Guide: Setup and Operation Learn how to set up and use your Elinchrom ONE portable flash with this quick start guide. It covers screen navigation, connection, charging, and essential settings for optimal performance.
	Elinchrom FIVE Battery User Manual - Features, Specs, and Safety Comprehensive user manual for the Elinchrom FIVE Battery, covering features, technical specifications, charging instructions, safety precautions, and legal information. Learn how to use and maintain your Elinchrom FIVE Battery.
	Elinchrom EL-Skyport USB RX: Wireless Flash Trigger and Receiver User Manual Comprehensive user manual for the Elinchrom EL-Skyport USB RX, detailing its features, installation, operation, troubleshooting, and specifications for wireless flash triggering and remote control.
	Elinchrom Transmitter Pro X Quick Start Guide A concise guide to setting up and using the Elinchrom Transmitter Pro X, covering connection, interface controls, setup menu options, and regulatory information.