

## Nitecore ULM9

# Nitecore ULM9 Digital USB Camera Charger User Manual

For Leica BLI-312 Batteries

## 1. INTRODUCTION

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This manual provides detailed instructions for the safe and efficient operation of your Nitecore ULM9 Digital USB Camera Charger. Please read this manual thoroughly before use to ensure proper functionality and to prevent damage. The ULM9 is specifically designed for Leica BLI-312 camera batteries, offering a convenient and intelligent charging solution.

## 2. PRODUCT OVERVIEW

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The Nitecore ULM9 is a smart USB-powered charger featuring a high-definition LCD display that provides real-time charging information. Its compact design makes it ideal for travel.

### Key Features:

- Real-time display of battery voltage, charging current, charged volume (mAh), and battery health.
- USB input for versatile power options from various sources.
- Compact and lightweight design for portability.
- Automatic detection of battery status and charging parameters.

### Package Contents:

- Nitecore ULM9 Charger
- Integrated USB Charging Cable



*Image: Nitecore ULM9 Charger with a Leica BLI-312 battery. The LCD screen displays charging information such as voltage, current, and charged capacity.*

### 3. SETUP

1. **Connect Power:** Connect the integrated USB cable from the ULM9 charger to a compatible USB power source (e.g., USB wall adapter, power bank, computer USB port). The LCD display will illuminate upon successful connection.
2. **Insert Battery:** Carefully insert the Leica BLI-312 battery into the charging slot of the ULM9 charger. Ensure the battery's contacts align correctly with the charger's pins and that the battery is fully seated.

### 4. OPERATING INSTRUCTIONS

#### **Charging Process:**

Once the battery is inserted and power is connected, the ULM9 will automatically detect the battery type and initiate the charging process. The LCD display will show real-time charging status and battery information.

## LCD Display Information:

- **Voltage (V):** Displays the current voltage of the battery.
- **Current (A):** Shows the charging current being delivered to the battery.
- **Charged Volume (mAh):** Indicates the cumulative amount of charge delivered to the battery since charging began.
- **Battery Health:** Provides an assessment of the battery's overall condition and remaining lifespan.
- **Temperature:** Displays the battery's temperature during the charging cycle.

## Charging Completion:

The ULM9 charger is equipped with intelligent charging management. It will automatically terminate the charging process once the battery is fully charged to prevent overcharging. The display will indicate a full charge status.

## 5. COMPATIBILITY

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The Nitecore ULM9 charger is specifically designed for Leica BLI-312 camera batteries and is compatible with the following Leica camera models:

- Leica M8
- Leica M8.2
- Leica M9
- Leica M9-P
- Leica M-E Series
- Leica BM8

## 6. SPECIFICATIONS

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Feature	Detail
Input	DC 5V / 2A
Compatible Batteries	Leica BLI-312
Compatible Camera Models	Leica M8, M8.2, M9, M9-P, M-E Series, BM8
Weight	1.78 Ounces (approx. 50g)
Number of Ports	1

## 7. MAINTENANCE

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- Keep the charger clean and dry. Avoid exposure to moisture, dust, or extreme temperatures.
- Do not attempt to disassemble, modify, or repair the charger yourself. This may void the warranty and cause damage.
- Store the charger in a cool, dry place when not in use.
- Use only the integrated USB cable or a high-quality replacement for power connection.

## 8. TROUBLESHOOTING

- **Charger not powering on:** Ensure the USB cable is securely connected to both the charger and a functional USB power source. Try a different USB port or power adapter to rule out a faulty power source.
- **Battery not charging:** Verify the battery is inserted correctly with the correct polarity. Ensure the battery's contacts are clean. Check if the battery is severely damaged or completely depleted beyond recovery.
- **Display not showing information:** Confirm the charger is receiving power. If the issue persists after checking power connections and battery insertion, contact customer support.

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## 9. WARRANTY AND SUPPORT

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For detailed warranty information, technical support, or service inquiries, please refer to the official Nitecore website or contact your authorized Nitecore dealer. It is recommended to retain your purchase receipt as proof of purchase for any warranty claims.