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**Nikon ML-L7**

# Nikon ML-L7 Bluetooth Camera Remote Control User Manual

## 1. Product Overview

The Nikon ML-L7 is a Bluetooth-enabled remote control designed to enhance your photography experience by providing wireless control over select Nikon cameras. It allows users to manage various camera functions and trigger the shutter remotely, which is particularly useful for situations requiring stability, such as super telephoto shooting, tripod use, or when operating the camera from a distance.






*Image 1.1: Top-down view of the Nikon ML-L7 Bluetooth Camera Remote Control, showcasing its buttons and compact design.*

## 2. What's in the Box

- ML-L7 Bluetooth Remote Control

## 3. Safety Information

Please read and understand all safety precautions before using this product. Failure to do so may result in injury or damage to the product.

- **Battery Safety:** Use only the specified battery type (CR2). Do not expose batteries to excessive heat, direct sunlight, or fire. Do not attempt to disassemble, crush, or short-circuit batteries. Keep batteries out of reach of children.
- **Water and Moisture:** This device is not waterproof. Avoid exposing the remote control to water or high humidity.

- **Cleaning:** Do not use organic solvents such as alcohol or benzene to clean the remote control. Use a soft, dry cloth.
- **Operating Temperature:** Operate the remote within the recommended temperature range specified in the product specifications.

## 4. Setup

### 4.1 Battery Installation

The ML-L7 remote control requires one CR2 battery for operation.

1. Locate the battery compartment cover on the back of the ML-L7 remote control.
2. Open the cover using a small coin or appropriate tool.
3. Insert one CR2 battery, ensuring the correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover securely.

### 4.2 Pairing with Your Camera

The ML-L7 connects to your Nikon camera via Bluetooth. The pairing process may vary slightly depending on your specific camera model. Refer to your camera's instruction manual for detailed pairing instructions. General steps are as follows:

1. **Prepare the Remote:** Press and hold the Power button on the ML-L7 remote for approximately 3 seconds until the LED status lamp begins to quick blink green, indicating it is in pairing mode.
2. **Prepare the Camera:** On your Nikon camera, navigate to the setup menu. Look for options related to 'Connect to smart device', 'Bluetooth settings', or 'Remote control pairing'.
3. **Initiate Pairing:** Select the option to 'Pair' or 'Add new device' on your camera. The camera will search for available Bluetooth devices.
4. **Confirm Connection:** Once 'ML-L7' appears on your camera's screen, select it to confirm pairing. The LED on the remote will blink green every 3 seconds once successfully connected.
5. **Quick Reconnect:** After initial pairing, a brief press of the Power button on the remote will typically reconnect it instantly to the last paired camera.

## 5. Operating Instructions

### 5.1 Button Functions

The ML-L7 features several buttons for controlling your camera. Refer to the image below for button identification.






*Image 5.1: Detailed view of the Nikon ML-L7 remote control buttons.*

| Button | Function |
| --- | --- |

| Button | Function |
|---|---|
| **Power Button** | Turns the remote on/off. Hold to enter pairing mode. |
| **Shutter Button** | Triggers the camera shutter for still photos (press once). |
| **Movie Record Button (Red Dot)** | Starts and stops video recording. Ensure camera is in video mode. |
| **Zoom Buttons (+ / -)** | Controls zoom in/out on compatible power zoom lenses. |
| **Multi Selector (Up/Down/Left/Right)** | Navigates camera menus and adjusts manual focus. |
| **OK Button (@)** | Confirms selections in camera menus. |
| **Fn1 / Fn2 Buttons** | Customizable function buttons. Program these via your camera's settings for quick access to functions like ISO, burst mode, or aperture settings. |
| **LED Status Lamp** | Provides visual feedback on the remote's status (pairing, connected, photo captured, video recording). |

### 5.2 Basic Operation

- **Taking Photos:** Press the Shutter button once.
- **Recording Videos:** Switch your camera to video mode, then press the Movie Record button (red dot) to start. Press again to stop.
- **Zooming:** Use the + and - buttons to zoom in or out with compatible power zoom lenses. Note that zoom precision may vary.
- **Menu Navigation:** Use the Multi Selector to navigate camera menus and the OK button to confirm selections.

### 5.3 LED Status Lamp Reference

| Color | Blink Pattern | Meaning |
|---|---|---|
| Green | Quick blink (0.5 sec) | Pairing in progress |
| Green | Blink every 3 sec | Successfully connected |
| Orange | Flashes once | Photo captured |
| Orange | Flashes twice | Photo session ended |
| Red | Flashes once | Video recording started |
| Red | Flashes twice | Video recording stopped |

## 6. Maintenance

- **Cleaning:** Wipe the remote control with a soft, dry cloth. For stubborn dirt, lightly dampen the cloth with water and then wipe dry. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use for extended periods, remove the battery to prevent leakage. Store the remote in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Replacement:** Replace the battery when the remote's performance degrades or the LED indicator

suggests low power.

## 7. Troubleshooting

- **Remote not turning on:** Check if the battery is inserted correctly and has sufficient charge. Replace the battery if necessary.
- **Remote not pairing with camera:**
  a. Ensure both the remote and camera have sufficient battery power.
  b. Confirm the remote is in pairing mode (green LED quick blink).
  c. Check your camera's Bluetooth settings and ensure it's discoverable.
  d. Move the remote closer to the camera.
  e. If previously paired, try deleting the ML-L7 from your camera's Bluetooth device list and re-pairing.
- **Remote functions not working:**
  a. Ensure the remote is successfully connected to the camera (green LED blinking every 3 seconds).
  b. Verify that your camera model is compatible with the ML-L7.
  c. Check camera settings; some functions may need to be enabled or configured on the camera itself.
  d. For video recording, ensure the camera is set to video mode.
- **Limited range:** Bluetooth range can be affected by obstacles, interference, and battery level. Ensure a clear line of sight and fresh batteries.

## 8. Specifications

| Feature | Detail |
|---|---|
| **Product Dimensions** | 4.4 x 3.1 x 1.6 inches |
| **Item Weight** | 0.704 ounces |
| **Item Model Number** | ML-L7 |
| **Batteries** | 1 CR2 battery required |
| **Brand** | Nikon |
| **Special Feature** | Ergonomic |
| **Color** | Black |
| **Max Number of Supported Devices** | 1 |
| **Compatible Devices** | Camera (select Nikon models) |
| **Date First Available** | July 12, 2018 |
| **Manufacturer** | Nikon |

## 9. Warranty and Support

For warranty information and technical support, please refer to the official Nikon website or contact Nikon customer service directly. Keep your proof of purchase for warranty claims.

**Nikon Official Website:** www.nikonusa.com

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