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## Minolta MN4KP1

# Minolta 4K Ultra HD Pocket Camcorder MN4KP1 User Manual

Model: MN4KP1

## 1. INTRODUCTION

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Thank you for choosing the Minolta 4K Ultra HD Pocket Camcorder MN4KP1. This compact and versatile action camera is designed to capture your adventures in stunning 4K resolution, offering high-quality photos, wide-angle views, and a rotating lens for dynamic shooting. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device to ensure optimal performance and longevity.

## 2. PRODUCT OVERVIEW

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### 2.1 Key Features

- **16MP High-Resolution Photos:** Capture crisp, detailed still images.
- **4K Video & Slow Motion Recording:** Record in 4K at 30fps, Full HD 1080p at 60fps, or 720p slow motion at 120fps.
- **170° Wide Angle + 270° Rotating Lens:** Achieve an immersive field of view and flexible shooting angles.
- **Waterproof Up To 100 Feet:** Utilize the included durable waterproof case for underwater use.
- **Built-in WiFi & App Integration:** Control the camera remotely and share media easily via a dedicated smartphone app.

### 2.2 Camera Components





**Figure 2.1:** Front view of the Minolta MN4KP1 Pocket Camcorder. This image shows the main display, control buttons, and the rotating lens head.



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3840x2160 30 FPS 4K VIDEO

MN4KP1



**Figure 2.2:** Side view of the Minolta MN4KP1, highlighting the various ports and side buttons for connectivity and control.





**Figure 2.3:** Rear view of the Minolta MN4KP1, showing the smooth back panel and charging input details.



**Figure 2.4:** Close-up view of the Minolta MN4KP1's rotating lens head, emphasizing its optical components and design.





**Figure 2.5:** The Minolta MN4KP1 camcorder enclosed within its transparent waterproof housing, ready for aquatic use.



**Figure 2.6:** The Minolta MN4KP1 in its waterproof case, partially submerged in water, demonstrating its water resistance capabilities.

## 3. SETUP

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### 3.1 What's in the Box

Before beginning, ensure all components are present:

- Minolta MN4KP1 Pocket Camcorder
- Underwater Waterproof Case
- USB Cable
- AC Adaptor
- Clip Mount Holder
- Tripod Socket Adaptor
- Helmet Velcro Strap
- Lanyard
- 16GB Memory Card

### 3.2 Battery Installation and Charging

1. Locate the battery compartment on the camcorder.
2. Insert the included Lithium Ion battery, ensuring correct polarity.
3. Connect the camcorder to the AC adaptor using the USB cable.
4. Plug the AC adaptor into a power outlet. The charging indicator will illuminate.
5. Charge the battery fully before first use (approximately 2-3 hours).


### 3.3 Memory Card Installation

1. Locate the Micro SD card slot on the side of the camcorder.
2. Insert the included 16GB Micro SD card with the gold contacts facing down until it clicks into place.
3. To remove, gently push the card in until it springs out.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Powering On/Off

- **To Power On:** Press and hold the Power button (usually marked with ) for a few seconds until the screen illuminates.
- **To Power Off:** Press and hold the Power button again until the device shuts down.

### 4.2 Basic Recording (Video & Photo)

- **Switching Modes:** Use the 'M' (Mode) button to cycle between Video, Photo, and Slow Motion modes. The current mode will be displayed on the 1.3-inch screen.
- **Starting/Stopping Recording (Video):** In Video mode, press the central button (often marked with a circle or record icon) to start recording. Press it again to stop.
- **Taking Photos:** In Photo mode, press the central button to capture a still image.

### 4.3 Lens Rotation

The camcorder features a 270° rotating lens head. Gently rotate the lens assembly to adjust your shooting angle without repositioning the entire camera. This is particularly useful for vlogging, low-angle shots, or capturing unique perspectives.

## 4.4 WiFi Connectivity and App Usage

The MN4KP1 can connect to your smartphone via Wi-Fi for remote control and media management.

1. Download the dedicated Minolta smartphone app from your device's app store.
2. On the camcorder, navigate to the Wi-Fi settings and enable Wi-Fi. The camcorder's Wi-Fi network name (SSID) and password will be displayed.
3. On your smartphone, go to Wi-Fi settings and connect to the camcorder's Wi-Fi network.
4. Open the Minolta app. You can now control recording, preview footage in real-time, and transfer files to your phone.

## 4.5 Using the Waterproof Case

The included waterproof case allows the camcorder to be used up to 100 feet (30 meters) underwater.

- Ensure the camcorder is securely placed inside the case.
- Close all latches firmly to create a watertight seal.
- Test the case for leaks without the camera inside before first use in water.
- The case has external buttons that align with the camcorder's controls, allowing operation while submerged.

## 5. MAINTENANCE

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- **Cleaning:** Use a soft, dry cloth to clean the camera body. For the lens, use a specialized lens cleaning cloth and solution. Avoid abrasive materials.
- **Waterproof Case Care:** After each use in saltwater, rinse the waterproof case with fresh water and allow it to air dry. Ensure no sand or debris is trapped in the seals.
- **Battery Care:** Store the battery in a cool, dry place. If not used for extended periods, charge and discharge the battery periodically to maintain its health.
- **Storage:** Store the camcorder in a dry, dust-free environment away from extreme temperatures.

## 6. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Camera does not power on.	Battery is depleted or not inserted correctly.	Charge the battery fully. Ensure the battery is inserted with correct polarity.
Cannot record video/take photos.	Memory card is full, corrupted, or not inserted.	Insert a memory card. Format the memory card (this will erase all data). Delete unnecessary files.
Wi-Fi connection issues.	Incorrect password, out of range, or app issue.	Ensure correct Wi-Fi password. Move closer to the camera. Restart both camera and smartphone app.
Poor video/photo quality.	Lens is dirty, insufficient lighting, or incorrect settings.	Clean the lens. Ensure adequate lighting. Check resolution settings.

## 7. SPECIFICATIONS

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Feature	Detail
Model Number	MN4KP1

Feature	Detail
Video Capture Resolution	4K (3840x2160)
Photo Resolution	16 Megapixels
Lens Angle	170° Wide Angle
Lens Rotation	270°
Screen Size	1.3 Inches
Connectivity Technology	Wi-Fi
Waterproof Depth (with case)	Up to 100 feet (30 meters)
Flash Memory Type	Micro SD
Battery Type	1 Lithium Ion battery (included)
Product Dimensions	9 x 6 x 3 inches
Item Weight	1.2 pounds

## 8. WARRANTY AND SUPPORT

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Minolta products are manufactured to high-quality standards. For information regarding warranty coverage, please refer to the warranty card included with your product or visit the official Minolta website. For technical support, troubleshooting assistance beyond this manual, or service inquiries, please contact Minolta customer support through their official channels.

**Online Support:** Visit the Minolta official website for FAQs, software updates, and contact information.

**Customer Service:** Refer to your product packaging or the Minolta website for specific customer service contact details.