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- › [Minolta](#) /
- › [Minolta 4K Ultra HD Pocket Camcorder MN4KP1 Instruction Manual](#)

Minolta MN4KP1

Minolta 4K Ultra HD Pocket Camcorder Instruction Manual

Model: MN4KP1 | Brand: Minolta

INTRODUCTION

The Minolta MN4KP1 Pocket Camcorder is designed for capturing high-quality video and photos in various environments. This compact device features 4K Ultra HD video recording, 16MP still image capture, a 170° wide-angle lens, and a 270° rotating head for versatile shooting. It includes built-in WiFi for smartphone connectivity and comes with a waterproof case for underwater use. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your camcorder.

WHAT'S IN THE BOX

Verify that all the following items are included in your package:

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



Image: All components included with the Minolta MN4KP1 Pocket Camcorder.

PRODUCT OVERVIEW

Familiarize yourself with the main components of your Minolta MN4KP1 camcorder.





Front View: Features the main display, power button, mode button, and record button.





Side View: Includes the USB charging port, Micro SD card slot, and external microphone jack.





Back View: Displays product information and input specifications.

The camcorder features a compact body with a rotatable lens head. The front includes a 1.3-inch display for live view and playback, along with intuitive control buttons. The side houses essential ports for connectivity and storage.

SETUP

1. Charging the Battery

Before first use, fully charge the camcorder's internal Lithium Ion battery. Connect the supplied USB cable to the camcorder's USB port and the other end to the AC adaptor or a computer's USB port. The charging indicator will show the charging status.

2. Inserting the Memory Card

The Minolta MN4KP1 requires a Micro SD card for storing photos and videos. A 16GB Micro SD card is included. Locate the Micro SD card slot on the side of the camcorder. Insert the card with the gold contacts facing down until it clicks into place.

3. Attaching the Waterproof Case

For underwater use or protection in rugged environments, enclose the camcorder in the provided waterproof case. Ensure the camcorder is properly seated and the case is securely latched. The case is rated for use up to 100 feet (30 meters) deep. Before submerging, always perform a dry test of the case without the camcorder inside to ensure no leaks are present.





Image: The camcorder securely placed within its waterproof housing.

4. Attaching Mounts and Accessories

Utilize the included clip mount holder, tripod socket adaptor, and helmet velcro strap to attach the camcorder to various surfaces or gear. These accessories provide flexibility for capturing footage from different perspectives.

OPERATING INSTRUCTIONS

1. Power On/Off

To power on the camcorder, press and hold the Power button (usually marked with a \lessgtr symbol) for approximately 3-4 seconds until the display illuminates. To power off, press and hold the Power button again until the device shuts down.

2. Recording Video

Press the Record button (often a large circular button) to start recording. Press it again to stop. The camcorder supports:

- **4K Ultra HD** at 30 frames per second (fps) for cinematic detail.
- **Full HD 1080p** at 60fps for smooth action.
- **720p** at 120fps for dramatic slow-motion effects.

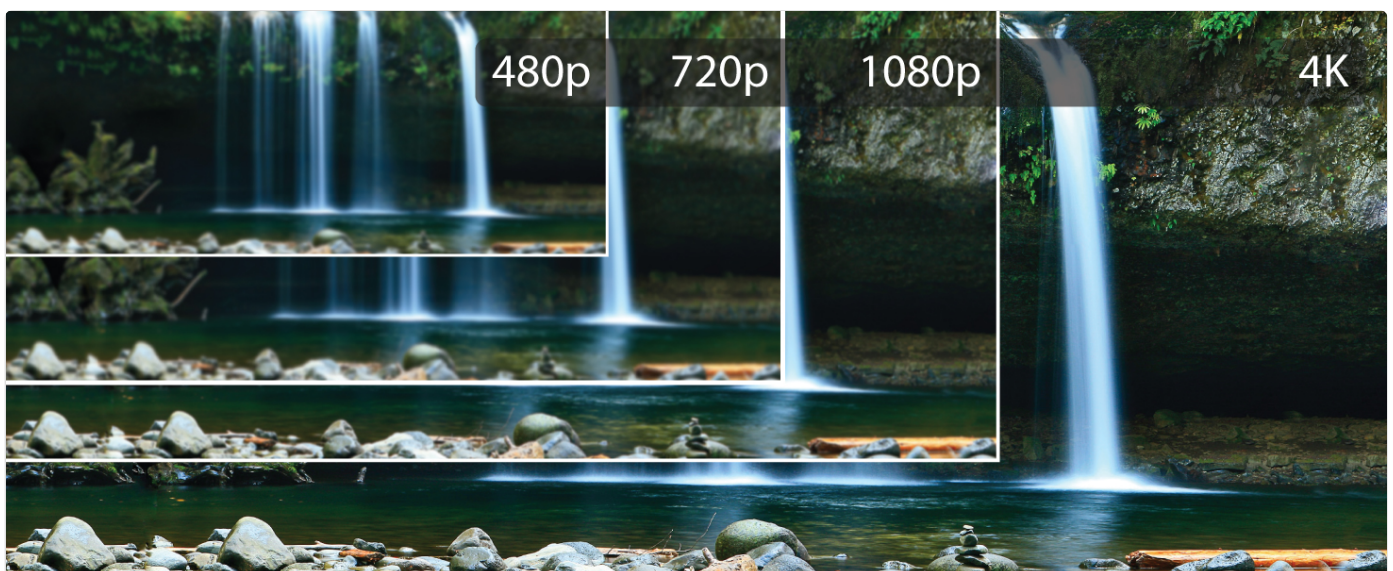


Image: Visual representation of different video resolutions, highlighting 4K quality.

3. Taking Photos

Switch to photo mode using the Mode button (often marked 'M'). Press the Record button to capture 16-megapixel still images.

4. Utilizing the Lens Features

The camcorder features a 170° wide-angle lens, allowing you to capture a broader field of view, ideal for landscapes or group shots. The lens head can rotate 270°, providing flexibility to adjust your shooting angle without repositioning the entire camcorder. Ensure the lens is rotated to your desired position before sealing the camcorder in the waterproof case.



Image: Detail of the camcorder's wide-angle lens.



Image: Illustration of the 270° rotating lens head.

5. WiFi Connectivity and App Usage

The camcorder features built-in WiFi for wireless control and media management via a dedicated smartphone app. Download the official Minolta app from your device's app store. Follow the app's instructions to connect to the camcorder's WiFi network. This allows for remote control, live preview, and easy sharing of your captured content.



Image: Camcorder connected to a smartphone via the companion app.

6. Using the Waterproof Case

When using the waterproof case, ensure all seals are clean and free of debris. Close the latches firmly. The case allows the camcorder to be used underwater up to 100 feet (30 meters). Always check the case for proper sealing before each use, especially before submersion.



Image: The camcorder in its waterproof case, demonstrating its water resistance.

MAINTENANCE

Cleaning

Wipe the camcorder body with a soft, dry cloth. For the lens, use a specialized lens cleaning cloth and solution. Avoid abrasive

materials or harsh chemicals. For the waterproof case, rinse with fresh water after saltwater use and allow to air dry. Ensure no sand or debris is trapped in the seals.

Storage

Store the camcorder in a cool, dry place away from direct sunlight and extreme temperatures. If storing for extended periods, ensure the battery is partially charged (around 50%) to prolong its lifespan.

Battery Care

To maximize battery life, avoid fully discharging the battery frequently. Charge the battery regularly, even if the camcorder is not in use, to prevent deep discharge.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Camcorder does not power on.	Low or depleted battery.	Charge the battery fully. Ensure the power button is held for 3-4 seconds.
App does not connect or function.	Incorrect WiFi connection; App compatibility issues; Software glitch.	Ensure you are connected to the camcorder's specific WiFi network. Restart the app and camcorder. Check for app updates. Try reinstalling the app.
Sound does not sync with video.	Recording settings issue; Playback software issue.	Check camcorder settings for audio synchronization options. Try playing the video on different media players or devices. Ensure firmware is up to date.
Screen goes dark during recording.	Power saving mode activated.	This is a normal power-saving feature. The camera continues to record. Briefly press the power button to wake the screen without stopping recording. Adjust screen timeout settings if available.
Water leakage into waterproof case.	Improperly sealed case; Damaged seal.	Ensure the case is completely and correctly latched before submersion. Inspect the rubber seal for any debris, cracks, or damage. Replace the case if the seal is compromised. Always perform a dry test before placing the camcorder inside.
Poor video/photo quality.	Dirty lens; Low light conditions; Incorrect settings.	Clean the lens with a soft cloth. Ensure adequate lighting. Check resolution settings (e.g., ensure 4K is selected for 4K recording).

SPECIFICATIONS

Feature	Specification
Model Number	MN4KP1
Video Capture Resolution	4K
Photo Resolution	16 Megapixels

Feature	Specification
Lens Angle	170° Wide Angle
Lens Rotation	270°
Screen Size	1.3 Inches
Connectivity Technology	Wi-Fi
Flash Memory Type	Micro SD
Video Capture Format	MOV
Supported Audio Format	AAC
Item Weight	1.92 ounces (approx. 54.4 grams)
Product Dimensions	9 x 6 x 3 inches (packaging dimensions)
Battery	1 Lithium Ion battery (included)
Waterproof Case Depth Rating	Up to 100 feet (30 meters)

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the official Minolta support website. Keep your proof of purchase for warranty claims.

A digital version of the user manual is also available for download: [Minolta MN4KP1 User Manual \(PDF\)](#)

SAFETY INFORMATION

- Do not expose the camcorder to extreme temperatures or direct sunlight for prolonged periods.
- Keep the device away from strong magnetic fields.
- Do not attempt to disassemble or modify the camcorder, as this will void the warranty and may cause damage.
- Ensure the waterproof case is properly sealed before any water exposure. Failure to do so may result in water damage to the camcorder.
- Use only the specified charging accessories.
- Dispose of batteries and electronic components responsibly according to local regulations.