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- › [Pentax](#) /
- › [Pentax IQ Zoom 90MC Quartz Date Camera User Manual](#)

Pentax 90MC

Pentax IQ Zoom 90MC Quartz Date Camera User Manual

Model: 90MC

INTRODUCTION

Welcome to the user manual for your Pentax IQ Zoom 90MC Quartz Date Camera. This manual provides essential information on setting up, operating, and maintaining your camera to ensure optimal performance and enjoyment. The IQ Zoom 90MC is designed for ease of use, featuring a versatile zoom lens, automatic exposure control, and convenient date imprinting capabilities.



Figure 1: Pentax IQ Zoom 90MC Camera, protective case, and operating manual.

SETUP

1. Battery Installation

The Pentax IQ Zoom 90MC requires two CR2 batteries. To install:

1. Locate the battery compartment cover on the bottom of the camera.
2. Slide the cover latch to open the compartment.
3. Insert two CR2 batteries, ensuring the correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover securely until it latches.



Figure 2: Bottom view of the camera, illustrating the battery and film compartment area.

2. Film Loading

The camera features a fail-safe film loading system. To load film:

1. Open the camera back cover.
2. Place the film cartridge into the film chamber.
3. Pull the film leader across to the film take-up spool.
4. Close the camera back cover. The camera will automatically advance the film to the first frame.

3. Setting Date/Time (Quartz Date Model)

If your model includes the Quartz Date function, you can imprint the date or time on your photos. Use the buttons near the LCD panel to cycle through display modes:

- Year-Month-Day
- Month-Day-Year
- Day-Month-Year
- Day-Hour-Minute
- Blank (no imprint)

Refer to the LCD instruction panel for current settings and adjustment options.



Figure 3: Top view of the camera, highlighting the LCD instruction panel and control buttons.

OPERATING THE CAMERA

1. Power On/Off

The camera's protective front cover acts as the power switch. Slide the cover open to turn the camera on, and slide it closed to turn the camera off.

2. Zoom Operation

The IQ Zoom 90MC features a powerful 38-90mm zoom lens. Use the zoom buttons (typically marked 'W' for wide and 'T' for telephoto) to adjust the focal length. Zoom out for wide-angle shots (e.g., group photos, landscapes) and zoom in for close-ups.



Figure 4: Front view of the camera, showing the lens and flash unit.



Figure 5: Top view of the camera with the zoom lens extended.

3. Focusing and Exposure

The camera utilizes a passive five-point auto focus system to ensure sharp images. Its multipattern metering system accurately measures available light, even in challenging conditions, to provide properly exposed photographs. Simply press the shutter button halfway down to activate autofocus and metering, then press fully to take the picture.

4. Panorama Mode

For large group scenes or expansive landscapes, switch to panorama mode. This mode can be activated at any time or frame, allowing you to capture a wider field of view.

MAINTENANCE

1. Cleaning

- **Camera Body:** Use a soft, dry cloth to wipe the camera body. For stubborn dirt, slightly dampen the cloth with water. Avoid using solvents or abrasive cleaners.
- **Lens:** Use a lens brush or a blower to remove dust. For smudges, use a specialized lens cleaning solution and a microfiber cloth. Do not touch the lens surface with your fingers.

2. Storage

When not in use, store the camera in a cool, dry place, away from direct sunlight and extreme temperatures. If storing for an extended period, remove the batteries to prevent leakage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera does not power on.	Batteries are dead or incorrectly inserted.	Replace batteries with new CR2 batteries, ensuring correct polarity. Ensure the front cover is fully open.
Film does not advance.	Film not loaded correctly.	Open the back cover and re-load the film, ensuring the leader is properly engaged with the take-up spool. The fail-safe system should prevent most loading errors.
Photos are blurry.	Subject too close, camera shake, or focus issue.	Ensure subject is within the camera's focus range (macro focus range of 25 inches). Hold the camera steady or use a tripod. Allow the autofocus to lock before fully pressing the shutter.
Flash does not fire.	Flash mode is off or batteries are low.	Check flash mode settings on the LCD panel. Replace batteries if low.

SPECIFICATIONS

- **Model Name:** IQ Zoom 90MC
- **Brand:** Pentax
- **Lens:** 38-90mm Zoom Lens
- **Focus System:** Passive five-point auto focus system
- **Macro Focus Range:** 25 inches
- **Metering:** Multipattern metering
- **Film Format Type:** Instant (Note: This refers to the film type the camera is designed for, not instant print cameras)
- **Film Color:** Color
- **Exposure Control Type:** Automatic
- **Viewfinder Magnification:** 0.37x to 0.5x
- **Shutter Type:** Focal Plane Shutter
- **Power Source:** 2 CR2 batteries (included)
- **Special Features:** Protective front cover with automatic lens retraction, Panorama mode, Easy-to-read LCD instruction panel, Optional time/date stamp
- **Item Weight:** 8 ounces
- **Package Dimensions:** 5.2 x 1.2 x 0.2 inches
- **Included Components:** CR2 battery, film

WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the official Pentax website or the warranty card included with your original purchase. Specific terms and conditions may apply based on your region and purchase date.



