

Pentax K-70

Pentax K-70 Weather-Sealed DSLR Camera Instruction Manual

Model: K-70

INTRODUCTION

The Pentax K-70 is an all-weather digital SLR Camera designed to expand the boundaries of photo shooting, offering new opportunities in scenic photography. Its compact body ensures easy portability for outdoor adventures. With outstanding weather-resistant performance and enormous imaging power, combining true-to-life image description and high-sensitivity shooting, the K-70 is reliable even in demanding conditions. Capture the beauty of nature under bright skies, overcast days, gentle rains, or dark, starry skies with astonishing detail. The Pentax K-70 provides new experiences, excitement, and discoveries, helping users master outdoor photography.

WHAT'S INCLUDED

- Strap O-ST132
- Rechargeable Lithium-ion Battery D-LI109
- Battery Charger D-BC109
- Software (CD-ROM) S-SW156
- Eyecup FR
- Hot shoe cover FK
- Body Mount Cover
- Digital Camera Utility 5

KEY FEATURES

- **24.24 Effective Megapixel APS-C CMOS Sensor:** Captures high-resolution images with an ISO range from 100 to 204800.
- **Dustproof and Weather-Resistant Body:** Ensures durability and reliable performance in various outdoor conditions.

- **In-Body "SR" Shake Reduction Mechanism:** Provides effective image stabilization for sharper photos.
- **Vary-Angle LCD Monitor:** Offers flexibility for shooting from different angles, including a Night Vision red light LCD display for low-light conditions.
- **Built-in Wi-Fi:** For seamless connectivity and image transfer with the Image Sync app.
- **SAFOX X 11-Point AF with 9 Cross Sensors:** Delivers fast and accurate autofocus performance.
- **Pixel Shift Resolution with Motion Correction:** Enhances image detail and reduces noise, even with slight subject movement.
- **AA Filter Simulator:** Utilizes the SR unit for moiré reduction.

SETUP GUIDE

1. Attach the Lens:

Align the red dot on the lens with the red dot on the camera body. Gently twist the lens clockwise until it clicks into place. Ensure the lens is securely mounted.



Image: Front view of the Pentax K-70 camera body, showing the lens mount and grip.

2. Insert the Battery:

Open the battery compartment cover located at the bottom of the camera. Insert the D-LI109 rechargeable lithium-ion battery with the correct orientation, then close the cover securely.

3. Insert the SD Card:

Locate the SD card slot, typically on the side of the camera. Insert a compatible SD card until it clicks into place. Close the card slot cover.

4. Attach the Neck Strap:

Thread the O-ST132 neck strap through the strap lugs on the camera body as shown in the strap manual. Ensure it

is securely fastened to prevent accidental drops.

5. Initial Power On and Settings:

Turn the camera on using the power switch. Follow the on-screen prompts to set the date, time, and language. Refer to the Digital Camera Utility 5 CD-ROM for software installation on your computer.

OPERATING THE CAMERA

Shooting Modes

The mode dial on the top of the camera allows you to select various shooting modes, including Program (P), Shutter-Priority (Tv), Aperture-Priority (Av), Manual (M), and Scene modes. Rotate the dial to select your desired mode.



Image: Top view of the Pentax K-70 camera, highlighting the mode dial and top display.

Adjusting Settings

Use the command dials (front and rear) to adjust settings like aperture, shutter speed, and ISO depending on the selected shooting mode. The rear LCD monitor provides a clear view of your current settings and captured images.

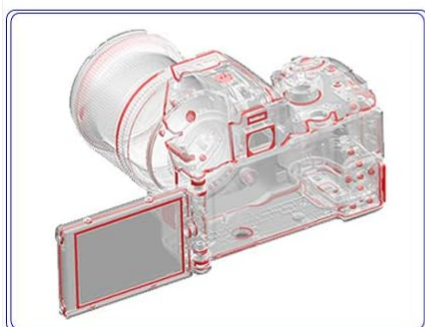


Image: Rear view of the Pentax K-70 camera, showing the vari-angle LCD monitor displaying camera settings.

Live View and Video Recording

Engage Live View mode to compose shots using the LCD screen. The vari-angle LCD allows for flexible shooting positions. To record video, switch to video mode and press the record button. The K-70 supports high-quality video capture.

PENTAX K-70



Dustproof,
weather-resistant
structure



Cold-proof
performance



Super-high-
sensitivity
shooting



SR
(Shake Reduction)
mechanism



Compact
body



All Weather DSLR

Image: Side view of the Pentax K-70 camera with a lens attached and the vari-angle LCD screen extended.

Weather-Sealed Design

The K-70 features a robust dustproof and weather-resistant construction, allowing you to shoot confidently in challenging environments such as rain, snow, or dusty conditions. This design extends to compatible weather-sealed lenses.

PENTAX K-70



In-body Shake Reduction 4.5 steps

It works effectively with all PENTAX interchangeable lenses

Image: The Pentax K-70 camera covered in snow, demonstrating its weather-sealed and cold-proof capabilities.

MAINTENANCE

- **Cleaning the Camera Body:** Use a soft, dry cloth to wipe the camera body. For stubborn dirt, slightly dampen the cloth with water. Avoid using harsh chemicals.
- **Cleaning the Lens:** Use a lens brush to remove dust, then gently wipe with a microfiber lens cloth. For smudges, use a specialized lens cleaning solution.
- **Sensor Cleaning:** If dust spots appear on your images, use the camera's built-in sensor cleaning function or a blower brush. For persistent dust, professional cleaning is recommended.
- **Battery Care:** Store batteries in a cool, dry place. Charge them fully before extended use and avoid overcharging.
- **Storage:** When not in use, store the camera in a dry, dust-free environment, preferably in a camera bag with desiccant packs to prevent moisture buildup.

TROUBLESHOOTING

- **Camera Not Powering On:** Check if the battery is charged and correctly inserted. Ensure the power switch is in the "ON" position.

- **Images Are Blurry:** Verify that the lens is clean and properly attached. Check your focus settings (autofocus or manual focus) and ensure sufficient shutter speed to prevent motion blur. The in-body shake reduction should be active if needed.
- **No Images Recorded:** Confirm that an SD card is inserted and has available space. Check if the card is locked or corrupted.
- **Wi-Fi Connection Issues:** Ensure Wi-Fi is enabled on the camera and your smart device. Check network settings and try restarting both devices.
- **Error Messages:** Consult the camera's full user manual for specific error code explanations and solutions.

SPECIFICATIONS

Feature	Detail
Model Name	K-70
Brand	Pentax
Sensor Type	APS-C CMOS
Effective Megapixels	24.24
ISO Range	100 - 204800
Image Stabilization	In-body "SR" Shake Reduction
Autofocus System	SAFOX X 11-Point AF (9 cross sensors)
LCD Monitor	Vary-angle with Night Vision Red Light Display
Connectivity	Built-in Wi-Fi
Supported File Format	DNG, JPEG, Raw
Product Dimensions	2.9 x 4.9 x 3.7 inches
Item Weight	2 pounds
Batteries	1 Lithium Ion battery (included)
Date First Available	June 2, 2016

OFFICIAL PRODUCT VIDEOS

Pentax K-70 Weather-Sealed DSLR Camera Overview

Your browser does not support the video tag.

Video Description: This video provides a concise overview of the Pentax K-70 Weather-Sealed DSLR Camera, highlighting its key features and robust design. It showcases the camera's weather resistance, image stabilization, and user-friendly interface.

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included in your product packaging or visit the official Pentax support website. Keep your proof of purchase for warranty claims. Online resources, including FAQs and software updates, are available on the [Pentax Official Store](#).

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question