Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

PENTAX PENTAX 17

PENTAX 17 Half-Frame Film Camera

INSTRUCTION MANUAL

Introduction

The PENTAX 17 is a compact half-frame film camera designed to offer photographers a unique and engaging film photography experience. Developed with PENTAX's extensive knowledge in imaging technology, this camera combines classic design with modern optical advancements. It allows for manual control, encouraging creative expression, and is suitable for both seasoned film enthusiasts and newcomers to analog photography.

This manual provides essential information on setting up, operating, and maintaining your PENTAX 17 camera to ensure optimal performance and longevity.



Figure 1: Front view of the PENTAX 17 camera.

Setup

1. Unpacking and Included Components

Before using your PENTAX 17, ensure all components are present. The package typically includes:

- PENTAX 17 Camera Body
- Strap (if included)
- User Manual (this document)
- Other accessories as specified by the manufacturer

2. Battery Installation

The PENTAX 17 requires a CR2 lithium battery for operation. Follow these steps to install the battery:

1. Locate the battery compartment cover on the side of the camera.
2. Open the cover by sliding or twisting it according to the indicator.
3. Insert the CR2 battery, ensuring the positive (+) and negative (-) terminals align correctly with the markings inside the compartment.
4. Close the battery compartment cover securely.



Figure 2: Battery compartment with CR2 battery inserted.

3. Loading Film

The PENTAX 17 uses 35mm film. To load a roll of film:

1. Open the camera back by pulling up the film rewind knob.
2. Place the film cartridge into the film chamber on the left side.
3. Pull the film leader across to the take-up spool on the right side and insert it into one of the slots.
4. Advance the film slightly using the film advance lever to ensure it catches on the take-up spool's teeth.
5. Close the camera back firmly.
6. Advance the film two or three times, pressing the shutter button each time, until the frame counter shows '1'.

Setting Film ISO: The camera supports a wide range of ISO film speeds from 50 to 3200. Adjust the ISO dial on the camera's top plate to match the ISO of your loaded film. This is crucial for accurate exposure.

Operating the Camera

1. Camera Controls Overview

Familiarize yourself with the main controls located on the top and front of the camera.



Figure 3: Top view of the PENTAX 17 showing control dials.

- **Film Advance Lever:** Manually advances the film to the next frame after each shot.
- **Shutter Button:** Press to take a picture.
- **ISO Dial:** Sets the film sensitivity (ISO 50-3200).
- **Mode Dial:** Selects shooting modes (P, Long Time, B, Bokeh, Flash modes).
- **Exposure Compensation Dial:** Adjusts exposure for brighter or darker results.
- **Focus Zone Selector:** Adjusts the focus distance based on icons.
- **Film Rewind Knob:** Used to rewind the film back into the cartridge.

2. Focusing (Zone Focus System)

The PENTAX 17 features a zone focus system with six distinct focus zones, indicated by icons on the lens barrel. To focus, estimate the distance to your subject and rotate the focus zone selector to the corresponding icon:

- **Close-up:** For subjects very near the camera (e.g., 0.25m).
- **Portrait:** For single subjects (e.g., 0.5m, 1m).
- **Group:** For small groups of people (e.g., 2m, 3m).
- **Landscape/Infinity:** For distant subjects (e.g., 3m to infinity).

The viewfinder will display the selected focus zone icon for confirmation.

3. Shooting Modes

The camera offers seven shooting modes to adapt to various lighting conditions and creative intentions. Rotate the Mode Dial to select your desired mode:

- **P (Program Auto):** The camera automatically sets the optimal aperture and shutter speed.
- **Long Time:** For low-light conditions, the camera may use longer shutter speeds (up to 4 seconds).
- **B (Bulb):** The shutter remains open for as long as the shutter button is pressed, ideal for very long exposures. Compatible with the optional CS-205 cable switch.
- **Bokeh:** The camera attempts to use the widest possible aperture to create a shallow depth of field, blurring the background.
- **Flash Modes:** Various flash modes (e.g., Auto Flash, Flash On, Flash Off) are available for different lighting scenarios.

4. Viewfinder

The PENTAX 17 features a bright optical viewfinder with a bright frame finder. Use the viewfinder to compose your shot and confirm the selected focus zone. The half-frame format means that when holding the camera horizontally, the images will be captured in a vertical (portrait) orientation.

5. Taking a Picture

1. Ensure the battery is installed and film is loaded.
2. Set the ISO dial to match your film's sensitivity.
3. Select your desired shooting mode using the Mode Dial.
4. Estimate your subject's distance and set the focus zone selector.
5. Look through the viewfinder and compose your shot.
6. Press the shutter button halfway to activate the light meter and confirm exposure settings (if applicable).
7. Press the shutter button fully to take the picture.
8. Advance the film using the film advance lever for the next shot.

6. Rewinding Film

Once all frames on the film roll have been exposed, you must rewind the film back into its cartridge before opening the camera back. To rewind the film:

1. Press the film rewind release button (usually located on the bottom of the camera).
2. Rotate the film rewind knob in the direction indicated by the arrow until you feel the tension release, indicating the film is fully rewound.
3. Open the camera back and remove the film cartridge.

Maintenance

Proper maintenance ensures the longevity and performance of your PENTAX 17 camera.

- **Cleaning the Lens:** Use a soft, lint-free cloth and a specialized lens cleaning solution to gently wipe the lens surface. Avoid touching the lens with your fingers.
- **Cleaning the Camera Body:** Wipe the camera body with a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, but ensure no moisture enters the camera.
- **Storage:** Store the camera in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity. If storing for extended periods, remove the battery.
- **Avoid Impact:** Protect the camera from drops and impacts, which can damage internal mechanisms or

optics.

Troubleshooting

If you encounter issues with your PENTAX 17, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
Camera does not power on.	Check if the battery is correctly installed. Replace with a fresh CR2 battery if necessary.
Film does not advance.	Ensure the film leader is properly attached to the take-up spool. Check if the film is fully rewound if attempting to load a new roll.
Shutter does not fire.	Check battery level. Ensure film is advanced to the next frame.
Images are blurry.	Verify that the focus zone is correctly set for your subject's distance. Hold the camera steady during exposure.
Images are too dark/bright.	Ensure the ISO setting matches the film. Adjust the exposure compensation dial if needed.

If the problem persists, please contact customer support.

Specifications

Feature	Description
Brand	PENTAX
Model Name	PENTAX 17
Film Format Type	35mm Half-Frame
Lens	Fixed Focal Length 25mm F3.5 (37mm equivalent in 35mm format)
Focus System	Zone-Focus System (6 zones)
Viewfinder	Optical Viewfinder with Bright Frame Finder
ISO Range	ISO 50-3200
Shutter Speed	Approx. 1/350s (fastest) to 30s (Bulb mode)
Exposure Control	Automatic Exposure Adjustment, Manual Exposure Compensation
Film Advance	Manual Film Winding
Power Source	CR2 Lithium Battery
Dimensions (L x W x H)	12.7 x 7.8 x 5.2 cm (approx.)
Weight	530 grams (approx.)
Body Material	Magnesium Alloy (top and bottom covers)

Feature	Description

UPC	027075310063
Model Number	18926

Warranty and Support

Your PENTAX 17 camera is covered by a manufacturer's warranty. Please refer to the warranty card included with your product for specific terms and conditions, including the warranty period and coverage details.

For technical support, service, or inquiries regarding your camera, please visit the official Ricoh Imaging website or contact their customer service department. Contact information can typically be found on the manufacturer's website or in the documentation provided with your camera.

Ricoh Imaging Official Website

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

Open the live page

https://manuals.plus/asin/B0D7C35JK7

More documents and user manuals: **https://manuals.plus/**