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## Minox MINOX B

# Vintage MINOX B Miniature SPY Camera & Accessories User Manual

Model: MINOX B

## 1. INTRODUCTION

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This manual provides essential information for the setup, operation, and maintenance of your vintage MINOX B Miniature SPY Camera and its accompanying accessories. The MINOX B is a classic subminiature camera known for its compact size and precision engineering. This kit includes the camera, a Minox Universal Binocular Attachment, a flash cube holder, and various expired film rolls.

## 2. PRODUCT OVERVIEW

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The MINOX B camera is a sophisticated piece of vintage photographic equipment. Familiarize yourself with its components and the included accessories.



Figure 2.1: Overview of the MINOX B camera and its accessories. This includes the camera itself, various Minox film boxes (Agfapan, Minocolor, Minopan), a flash cube holder with a flash cube, and a Minox Universal Binocular Attachment.



Figure 2.2: Detailed view of the MINOX B camera's front, highlighting the lens, viewfinder, and the exposure and focus dials on the top surface. The camera rests on its leather case.



Figure 2.3: Top-down view of the MINOX B camera, illustrating its sleek design and the sliding cover mechanism. The camera's strap attachment point is visible on the left.

## 3. SETUP

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### 3.1 Loading Film

The MINOX B uses proprietary 8x11 mm film. To load film:

1. Open the camera back by sliding the latch.
2. Insert the film cartridge into the designated slot, ensuring it is seated correctly.
3. Close the camera back securely.
4. Advance the film until the frame counter indicates the first exposure.

*Note: The included film rolls (Minopan 25, Minocolor 400, AgfaPan 25) are expired and may not yield usable results. They are primarily for collection or testing purposes.*

## 3.2 Attaching Accessories

- **Minox Universal Binocular Attachment:** This attachment allows the camera to be mounted to binoculars for telephoto photography. Securely clamp the attachment to your binoculars and then attach the camera to the designated slot on the attachment.
- **Flash Cube Holder:** The flash cube holder slides onto the camera's accessory shoe. Insert a compatible flash cube into the holder.

## 4. OPERATING THE CAMERA

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### 4.1 Basic Operation

The MINOX B features automatic exposure control, simplifying the photographic process.

- **Opening the Camera:** Slide the camera body open to extend the lens and activate the camera.
- **Focusing:** Adjust the focus dial on the top of the camera to match your subject distance.
- **Setting Aperture/Shutter:** The MINOX B has automatic exposure. The camera will select the appropriate shutter speed based on the light meter reading.
- **Taking a Picture:** Press the shutter release button firmly. The camera utilizes a Focal Plane Shutter.
- **Advancing Film:** After each shot, close and reopen the camera body to advance the film to the next frame.

### 4.2 Flash Usage

When using the flash cube holder:

- Ensure a fresh flash cube is inserted.
- The flash will synchronize with the shutter when fired.
- Rotate the flash cube to use a new bulb for subsequent shots.

## 5. MAINTENANCE

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Proper care will preserve your vintage MINOX B camera.

- **Cleaning:** Use a soft, lint-free cloth to gently wipe the camera body. For the lens, use a specialized lens cleaning solution and cloth. Avoid harsh chemicals.
- **Storage:** Store the camera in a cool, dry place, away from direct sunlight and extreme temperatures. Keep it in its original case or a protective pouch to prevent dust accumulation and scratches.
- **Handling:** Handle the camera with care. Avoid dropping it or subjecting it to strong impacts, as internal mechanisms can be delicate.

## 6. TROUBLESHOOTING

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As a vintage mechanical device, the MINOX B may exhibit certain behaviors. Here are some common issues and general advice:

- **Shutter Not Firing:** Ensure the camera is fully opened and the film is advanced. Check if the shutter release button is obstructed.
- **Film Not Advancing:** Verify that the film cartridge is correctly loaded and that the camera body is fully closed and reopened between shots.

- **Light Meter Inaccuracy:** The light meter in vintage cameras can degrade over time. Consider using an external light meter or relying on sunny 16 rule for critical exposures.
- **General Mechanical Issues:** For persistent mechanical problems, it is recommended to consult a professional vintage camera repair specialist. Do not attempt to force any mechanisms.

## 7. SPECIFICATIONS

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| Feature               | Detail  |
|-----------------------|---|
| Brand                 | Minox   |
| Model Name            | MINOX B   |
| Item Weight           | 16 ounces (1 pound)   |
| Film Format Type      | 8x11mm (proprietary Minox film)   |
| Special Feature       | Compact, Lightweight, Versatile Shooting Angles                                     |
| Included Components   | Camera Kit (includes camera, binocular attachment, flash cube holder, expired film) |
| Exposure Control Type | Automatic   |
| Shutter Type          | Focal Plane Shutter   |
| ASIN                  | B0973JS671  |
| Date First Available  | March 25, 2021  |

## 8. WARRANTY AND SUPPORT

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As a vintage item, the MINOX B Miniature SPY Camera is sold without a manufacturer's warranty. Its functionality is as described at the time of purchase.

For any issues requiring repair or specialized knowledge, it is highly recommended to seek out experienced technicians specializing in vintage camera repair. Online forums and communities dedicated to Minox cameras can also be valuable resources for information and support.