

Apexel 10-20X50

APEXEL 10-20X50 Zoom Monocular Instruction Manual

Model: 10-20X50

1. INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of your APEXEL 10-20X50 Zoom Monocular. Designed for outdoor enthusiasts, this monocular offers variable 10x to 20x magnification with a 50mm objective lens, providing clear and bright views for various activities such as bird watching, hunting, hiking, and general observation.

The monocular features fully multi-coated (FMC) lenses and a BAK4 prism for superior light transmission and image clarity. Its robust construction ensures durability, with waterproof and fog-proof capabilities suitable for diverse environmental conditions.



Image 1.1: APEXEL 10-20X50 Zoom Monocular

2. PRODUCT OVERVIEW

Familiarize yourself with the components of your APEXEL 10-20X50 Monocular before use.



Image 2.1: Monocular Components

- **Zoom Ring:** Adjusts the magnification from 10x to 20x.
- **Focus Wheel:** Used to achieve a clear image.
- **50mm Objective Lens:** The front lens that gathers light.
- **21mm Large Eyepiece:** The lens you look through.
- **Spin-up Eye Mask:** Adjustable for comfortable viewing with or without eyeglasses.
- **Lanyard Hole:** For attaching the included wrist strap.
- **Tripod Connector:** Standard 1/4-inch thread for mounting on a tripod.
- **Objective Lens Cover:** Protects the objective lens when not in use.

3. SETUP

1. **Unboxing:** Carefully remove the monocular and all accessories from the packaging. Verify that all components are present: monocular, carrying pouch, wrist strap, lens cleaning cloth, and lens covers.
2. **Attach Wrist Strap:** Thread the wrist strap through the lanyard hole on the monocular. This helps prevent accidental drops.
3. **Remove Lens Covers:** Remove the objective lens cover and the eyepiece cover before use. Store them

safely to protect the lenses when the monocular is not in use.

4. **Adjust Eyecup:** Rotate or twist the spin-up eye mask to your preferred position. If you wear eyeglasses, you may prefer to keep the eyecup down. If you do not wear eyeglasses, extend the eyecup for optimal viewing comfort and to block stray light.

4. OPERATING INSTRUCTIONS

Follow these steps to operate your monocular effectively:

1. **Holding the Monocular:** Hold the monocular firmly with one hand. Bring the eyepiece close to your eye.
2. **Adjusting Magnification (Zoom):** Rotate the Zoom Ring to select your desired magnification between 10x and 20x. Start with a lower magnification (10x) to locate your target, then increase the magnification for more detail.



Image 4.1: Adjusting the Zoom Ring

3. **Focusing:** While looking through the eyepiece, slowly rotate the Focus Wheel until the image becomes clear and sharp. Adjust as needed for different distances.
4. **Viewing Distant Objects:** The monocular provides clear views up to 1100 yards (approximately 1000 meters) depending on conditions and magnification.



Image 4.2: Long-Distance Observation

5. **Tripod Use:** For extended viewing or to minimize shake at higher magnifications, attach the monocular to a standard tripod using the integrated 1/4-inch tripod connector.

The monocular is suitable for a variety of outdoor activities:



Image 4.3: Versatile Applications

5. MAINTENANCE

Proper care and maintenance will ensure the longevity and optimal performance of your monocular.

- **Cleaning Lenses:** Use the provided lens cleaning cloth or a soft, lint-free cloth to gently wipe the lenses. For stubborn smudges, use a small amount of optical lens cleaning fluid applied to the cloth, not directly to the lens. Avoid touching the lens surfaces with your fingers.
- **Cleaning Body:** Wipe the monocular body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the monocular in its carrying pouch in a cool, dry place when not in use. Ensure lens covers are in place to protect the lenses from dust and scratches.
- **Waterproof and Fog-proof:** The monocular is designed to be waterproof and fog-proof, making it suitable for use in various weather conditions. However, avoid submerging it in water for extended periods.



Image 5.1: Waterproof and Fog-proof Design

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Image is blurry or out of focus.	Incorrect focus adjustment.	Rotate the Focus Wheel until the image is sharp.
Dark edges or vignetting in the view.	Eyecup not adjusted correctly or eye not centered.	Adjust the spin-up eye mask and ensure your eye is centered with the eyepiece.
Image is dim.	Low light conditions or dirty lenses.	Ensure lenses are clean. Use in adequate lighting.
No image visible.	Lens covers still on.	Remove both objective lens and eyepiece covers.

7. SPECIFICATIONS

Key technical specifications for the APEXEL 10-20X50 Monocular:

Feature	Specification
Model	10-20X50
Magnification	10x-20x (Variable Zoom)
Objective Lens Diameter	50 mm
Eyepiece Diameter	21 mm

Feature	Specification
Prism Type	BAK4
Lens Coating	Fully Multi-Coated (FMC)
Field of View	4.3°-3° (75-52m/1000m)
Waterproof	Yes
Fog-proof	Yes (Nitrogen-filled)
Focus System	Manual Focus
Tripod Adaptable	Yes (1/4-inch thread)
Product Dimensions (L x W x H)	20.4 x 7.7 x 8.5 cm
Product Weight	518 Grams

Nom du produit	GROSSISSEMENT
APL-10-20X50Z	10-20X
Diamètre de l'oculaire	Objectif Diamètre de la lentille
21mm	50mm
Revêtement de l'objectif	Prisme
FMC	BAK4
Imperméable/anti-brouillard	Close Focus Distance
Yes	2m
CHAMP DE VISION	OEILLETON
4.3°-3° 75-52m/1000m	Spin-up eyecup
Product Weight	Product Size
520g	188X81X60mm



Boîte d'emballage
Monoculaire
Sacoche
Chiffon de nettoyage






Protecteur d'oculaire
Bandoulière
Manuel d'utilisation

Image 7.1: Product Specifications and Included Items

8. WARRANTY AND SUPPORT

APEXEL is committed to providing quality products. While specific warranty details are not provided in this manual, for any issues or support inquiries, please contact APEXEL customer service via Amazon messaging. We aim to respond to all inquiries within 24 hours.

Related Documents - 10-20X50

	<p>APEXEL MIC004 Wireless Microphone User Manual</p> <p>User manual for the APEXEL MIC004 Wireless Microphone, covering introduction, setup, usage instructions, technical specifications, and FCC compliance.</p>
 <p>Apexel 60X Telescope Lens with Camera Tripod</p> <p>User Manual • 說明書 • 取扱説明書 • 使用説明書 • 取扱説明書 • 取扱説明書</p>	<p>Apexel 60X Telescope Lens with Camera Tripod User Manual</p> <p>Comprehensive user manual for the Apexel 60X Telescope Lens with Camera Tripod, covering setup, usage, and warranty information.</p>
 <p>Smartphone Microscope</p> <p>User Manual • 說明書 • 取扱説明書 • 使用説明書 • 取扱説明書 • 取扱説明書</p>	<p>Apexel MS002 Smartphone Microscope User Manual</p> <p>User manual for the Apexel MS002 Smartphone Microscope, providing instructions on setup, usage, charging, and precautions. Includes EU Declaration of Conformity and warranty information.</p>
 <p>APEXEL®</p> <p>APL-TM6</p> <p>User Manual • 說明書 • 取扱説明書 • 使用説明書 • 取扱説明書 • 取扱説明書</p>	<p>APEXEL APL-TM6 Smartphone Telephoto Macro Lens User Manual</p> <p>Comprehensive user manual for the APEXEL APL-TM6 smartphone lens kit, including telephoto and macro lenses. Learn about product features, installation, usage, precautions, and warranty.</p>
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APL-VG05CH

User Manual • ullanıyıcı kılavuzu •
Võttekirjeldus • Instrukcijski priručnik •
Bedienungsanleitung

[APEXEL APL-VG05CH User Manual: Enhance Your Mobile Photography](#)

The APEXEL APL-VG05CH is a versatile mobile photography cage designed to enhance smartphone creative potential. This manual covers features, installation, Bluetooth usage, and precautions for professional mobile photography and videography.