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Pankoo 10012

Pankoo 40X60 Monocular Telescope

USER INSTRUCTION MANUAL

Introduction

Thank you for choosing the Pankoo 40X60 Monocular Telescope. This high-power, nitrogen-filled monocular is designed for clear and wide-ranging observation, featuring a BAK4 prism and FMC lens for superior image quality. It is an ideal companion for various outdoor activities such as birdwatching, hiking, concerts, and travel. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device.



The Pankoo 40X60 Monocular Telescope in use, demonstrating its suitability for outdoor observation.

Package Contents

Please verify that all the following items are included in your package:

- 1x Nitrogen-Filled Monocular 40X60
- 1x Smartphone Holder
- 1x Upgrade Tripod
- 1x Velvet Bag
- 1x Dust Cover
- 1x Cleaning Cloth
- 1x Straps
- 1x User Manual (this document)



All components included with the Pankoo 40X60 Monocular Telescope.

Product Overview and Key Features

The Pankoo 40X60 Monocular Telescope is engineered for high-definition viewing with advanced optical components.

Component Identification

PRODUCT DETAILS



Object Len



Focus Knob



Adjustable View



Hand strap



Tripod Connector



Distance Adjustment Knob

Detailed view of the monocular's components and their respective labels.

- **Object Lens:** The large front lens that gathers light.
- **Focus Knob:** Used to adjust the clarity of the image.
- **Adjustable View (Eyecup):** Can be twisted up or down for comfortable viewing with or without eyeglasses.
- **Hand Strap:** For secure handling.
- **Tripod Connector:** Standard threaded hole for attaching to a tripod.
- **Distance Adjustment Knob:** Fine-tunes focus for optimal clarity.

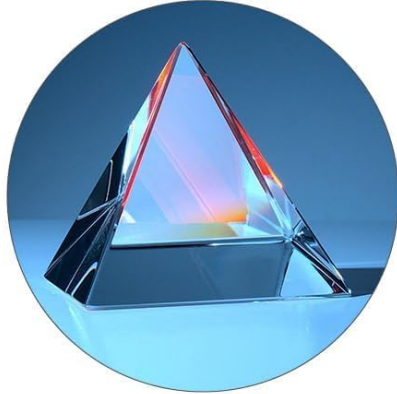
Optical Features

- **HD Dual Focus Scope:** Offers a wide field of view of 419ft/1000yds (128m/1000m) with a 40mm objective lens for extended visibility.
- **Premium FMC Lens & BAK-4 Prism:** Equipped with advanced BAK-4 optics prism and Fully Multi-Coated (FMC)

lenses. This combination enhances light transmittance and reduces unwanted light reflection, resulting in clear, sharp, and true-to-life images.

FMC & BAK-4 PRISM

C o l o r f u l i m a g e



It has a higher refractive index and higher image quality than the BAK-7 when used in a good over all optical system.



Ours BAK-4



Others BAK-7

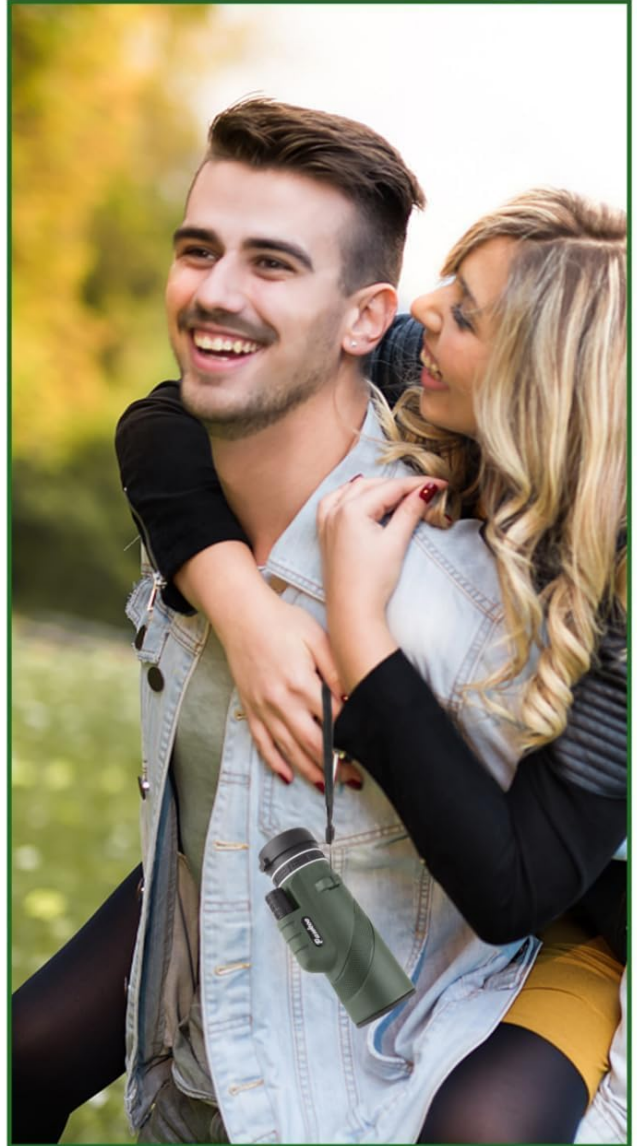
Illustration of the superior image clarity provided by BAK-4 prisms compared to BAK-7.

Design and Portability

- **Compact and Lightweight:** Designed for easy portability, fitting comfortably in a pocket or backpack.
- **Durable Construction:** Built to withstand outdoor conditions, enhancing resistance to falls, wear, and compression.

EASY TO CARRY

1 5 0 x 6 0 m m



The monocular's compact design allows for easy carrying and use in various situations.

Setup and Assembly

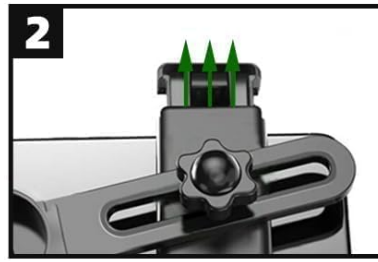
Follow these steps to set up your monocular, especially when using it with the smartphone holder and tripod.

Telescope with smartphone

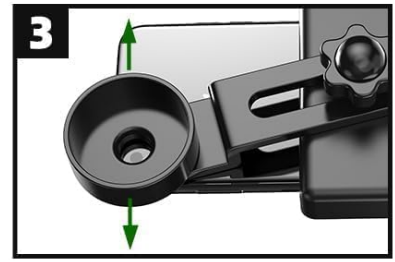
Only 7 steps



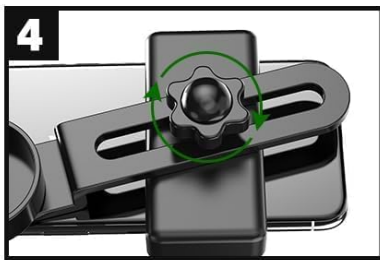
Mounting the tripod



Pull out the holder to adjust the width to clip on the phone



Align the main camera



Tighten the bracket



Fix the monocular with phone



Adjusting the objective lens focusing knob



Adjusting the eyepiece focusing ring



Enjoy a wonderful moment

Visual guide for attaching the monocular to a smartphone and tripod.

1. **Mounting the Tripod:** Screw the monocular onto the tripod using the tripod connector at the bottom of the monocular. Ensure it is securely fastened. The upgraded tripod is sturdy and adjustable.
2. **Prepare Smartphone Holder:** Pull out the smartphone holder to adjust its width, allowing it to securely clip onto your phone.
3. **Align Main Camera:** Position the smartphone holder so that its central opening aligns with your smartphone's main camera lens.
4. **Tighten Bracket:** Once aligned, tighten the bracket on the smartphone holder to firmly secure your phone.
5. **Fix Monocular with Phone:** Attach the smartphone holder (with phone) to the eyepiece of the monocular. Ensure a snug fit to prevent light leakage and maintain stability.
6. **Adjust Objective Lens Focusing Knob:** While looking through the monocular (or your phone screen), rotate the objective lens focusing knob to get a rough focus.
7. **Adjust Eyepiece Focusing Ring:** Fine-tune the focus using the eyepiece focusing ring until the image is clear and sharp.

More Sturdy & Stable

VS

Our tripod



Other tripod



The Pankoo monocular comes with an upgraded, more stable tripod for clearer images.

Operation

Using your Pankoo monocular is straightforward. Follow these steps for optimal viewing:

1. **Hold the Monocular:** Hold the monocular firmly with one hand.
2. **Adjust Eyecup:** If you wear eyeglasses, twist the eyecup down. If not, twist it up for comfortable viewing.
3. **Focusing:** Look through the eyepiece and rotate the focus wheel (or objective lens focusing knob) until the image becomes clear and sharp. For fine adjustments, use the distance adjustment knob.
4. **Using with Smartphone:** Once the monocular is attached to your smartphone, open your phone's camera app. Adjust the monocular's focus knobs until the image on your phone screen is clear. You can then capture photos or videos.

CLEAR VIEW UP TO 1200 YARDS



The monocular provides clear views of distant objects, enhancing your observation experience.

Care and Maintenance

Proper care will extend the life and maintain the performance of your monocular.

- **Cleaning Lenses:** Use the provided cleaning cloth or a soft, lint-free cloth specifically designed for optical lenses. Gently wipe the lens surfaces. For stubborn smudges, a small amount of lens cleaning fluid can be applied to the cloth, not directly to the lens.
- **Cleaning Body:** Wipe the body of the monocular with a soft, damp cloth. Avoid using abrasive cleaners or solvents.
- **Storage:** Store the monocular in its velvet bag in a cool, dry place when not in use. Avoid extreme temperatures and high humidity.
- **Dust Protection:** Always use the dust covers for the objective and eyepiece lenses when storing or transporting the monocular.

Troubleshooting Common Issues

If you encounter any issues with your monocular, refer to the following table for potential solutions:

Problem	Possible Cause	Solution
Blurred image	Incorrect focus adjustment	Rotate the focus knob and eyepiece focusing ring until the image is clear.
Dark image	Insufficient light or dirty lenses	Ensure adequate lighting. Clean the objective and eyepiece lenses with the provided cloth.
Cannot attach smartphone securely	Smartphone holder not adjusted correctly or phone case interfering	Adjust the width of the smartphone holder to fit your phone snugly. Remove bulky phone cases if necessary. Ensure the holder is aligned with the main camera.

Problem	Possible Cause	Solution
Unstable image when using tripod	Tripod not fully extended or placed on an uneven surface	Ensure tripod legs are fully extended and locked. Place the tripod on a stable, flat surface.

Technical Specifications

Feature	Specification
Model Name	10010
Item Model Number	10012
Optical Tube Length	6 Inches
Objective Lens Diameter	60 Millimeters
Eyepiece Lens Description	Prism (BAK4)
Focus Type	Manual Focus
Product Dimensions	4.9 x 4.9 x 2.5 inches (Monocular only) / 3.78"D x 2.99"W x 6.73"H (Overall)
Item Weight	13.8 ounces
Manufacturer	Pankoo
First Available Date	June 14, 2018

Important Safety Information

Please read and adhere to the following safety guidelines:

- **Eye Safety:** **DO NOT LOOK DIRECTLY AT THE SUN WITH THE MONOCULAR!** This can cause severe and permanent eye damage.
- **Choking Hazard:** Keep small parts, such as lens caps, away from children to prevent accidental ingestion.
- **Handling:** Handle the monocular with care to avoid dropping or impacting it, which could damage the optical components.

Warranty and Customer Support

Pankoo is committed to providing high-quality products. For any questions, concerns, or support needs regarding your 40X60 Monocular Telescope, please refer to the contact information provided with your purchase documentation or visit the official Pankoo website. Please retain your proof of purchase for warranty claims.

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