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> NWDEY 25-75X60 Spotting Scope User Manual

NWDEY MC-02

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Model: MC-02

1. INTRODUCTION

Thank you for choosing the NWDEY 25-75X60 Spotting Scope. This manual provides essential information for the proper setup, operation, and maintenance of your new spotting scope. Designed for practical outdoor observation, this scope offers 25x to 75x adjustable zoom, clear images in various light conditions, and includes a portable tripod and phone adapter for enhanced viewing and capture experiences. Please read this manual thoroughly before use to ensure optimal performance and longevity of your device.

2. WHAT'S IN THE BOX

Upon unpacking, please verify that all the following items are included:

- Spotting Scope Body
- Carry Bag
- Tripod
- Phone Adapter
- Lens Covers
- Cleaning Cloth



Image: All components included in the NWDEY 25-75X60 Spotting Scope package, including the scope, tripod, phone adapter, carry bag, and cleaning accessories.

3. SETUP

3.1 Tripod Assembly

The included 51-inch tripod provides stable support for your spotting scope. It features a 5-section retractable design for adjustable height and portability.

1. Unfold the tripod legs and extend them to your desired height. Secure each section using the locking clips.
2. Ensure the tripod is placed on a stable, level surface. The tripod head includes a bubble level to assist with leveling.

5-section retractable tripod

Material: aluminum alloy
Weight: 1.5LB
Max Load: 10LB



Lightweight and portable size

16.5inch



Image: The 5-section retractable tripod, demonstrating its adjustable height from compact to fully extended (51 inches).

3.2 Attaching the Spotting Scope to the Tripod

Align the mounting screw on the tripod head with the threaded hole on the bottom of the spotting scope. Rotate the scope clockwise until it is securely fastened. Use the pan handle to adjust the viewing angle.

Your browser does not support the video tag.

Video: Demonstrates the process of attaching the spotting scope to the tripod and adjusting its position using the pan handle.

3.3 Attaching the Phone Adapter

The universal smartphone adapter allows you to capture photos and videos through the eyepiece.

1. Secure your smartphone into the adapter's clamp.
2. Align your phone's main (1x) camera lens with the adapter's eyepiece opening.
3. Attach the adapter to the spotting scope's eyepiece. Make small adjustments to ensure the phone camera is perfectly centered over the eyepiece for a clear, circular view.



Image: The universal phone adapter connected to the spotting scope, showing a smartphone mounted for digiscoping.

Your browser does not support the video tag.

Video: A user demonstrating how to attach a smartphone to the spotting scope using the phone adapter for capturing images and videos.

4. OPERATING INSTRUCTIONS

4.1 Adjusting Zoom and Focus

Your spotting scope offers a variable magnification from 25x to 75x.

1. **Zoom Adjustment:** Rotate the zoom ring on the eyepiece to select your desired magnification (25x to 75x). Start with lower magnification for a wider field of view and easier target acquisition.
2. **Focus Adjustment:** Use the focus knob located on the top of the scope to achieve a sharp image. Turn it slowly until the image is clear.



Image: Detailed view of the spotting scope's focusing knob and the zoom eyepiece, indicating adjustable magnifications.

4.2 Using the Sunshade

To reduce glare in bright conditions and protect the objective lens from rain or dust, extend the built-in sunshade by pulling it forward from the objective lens housing.



Image: The spotting scope with its adjustable sunshade extended, designed to reduce glare and protect the lens.

4.3 Low Light Vision

The 60mm fully multi-coated (FMC) objective lens and BAK4 prism enhance light transmission, providing bright and high-contrast images even in low-light conditions such as dawn or dusk.



Image: Illustrates the spotting scope's capability for clear wildlife observation even in low light conditions.

5. MAINTENANCE

5.1 Cleaning

To maintain the optical quality of your spotting scope:

- Use the provided cleaning cloth to gently wipe lenses. Avoid using abrasive materials or harsh chemicals.
- For stubborn smudges, a small amount of lens cleaning fluid designed for optics can be applied to the cloth, not directly to the lens.
- Keep lens caps on when not in use to prevent dust and scratches.

5.2 Storage

When not in use, store the spotting scope in its protective carry bag in a cool, dry place. Avoid extreme temperatures and high humidity.

5.3 Waterproof and Fog-Proof Features

The rubber-armored housing provides protection against light weather conditions. While the scope is designed to be waterproof and fog-proof, it is not recommended for submersion in water.

SUPERIOR OPTICS

BAK4 PRISM

FMC LENS

WIDE SCOPE



PRISM



BAK4



BAK7

MULTI-LAYER



GLASS LENS

LENS



FMC



SINGLE COATED



MONOCULAR



WIDE



NORMAL

Image: The spotting scope shown outdoors in light rain, highlighting its waterproof and fog-proof design.

6. TROUBLESHOOTING

If you encounter issues with your spotting scope, please refer to the following common solutions:

- **Blurry Image:** Ensure the focus knob is properly adjusted. Check that the eyepiece and objective lenses are clean.
- **Narrow Field of View:** This is normal at higher magnifications. Try reducing the zoom level for a wider view.
- **Difficulty with Phone Adapter:** Ensure your phone's camera is perfectly aligned with the eyepiece. Adjust the phone's position slightly until a clear, circular image appears on your screen. Use your phone's digital zoom to fill the screen if necessary.
- **Unstable View:** Confirm the tripod legs are fully extended and locked, and the scope is securely mounted. Ensure the tripod is on a stable surface.

7. SPECIFICATIONS

Feature	Specification
Model Name	MC-02
Magnification	25-75x
Objective Lens Diameter	60 mm
Optical Tube Length	300 mm
Prism Type	BAK4
Lens Coating	Fully Multi-Coated (FMC)
Focus Type	Manual Focus
Tripod Included	51-inch Adjustable Tripod
Compatible Devices	Smartphone (with included adapter)
Item Weight	3.74 pounds (1.7 kg)
Package Dimensions	17.83 x 7.64 x 4.65 inches

8. WARRANTY & SUPPORT

NWDEY is committed to providing high-quality products and enhancing your experience. While specific warranty details are not provided in this manual, we encourage customers to refer to the product's purchase page or contact NWDEY customer support for information regarding warranty coverage and service.

For further assistance, product inquiries, or to provide feedback, please visit the official NWDEY store or contact our customer service team through the platform where you purchased the product. Your satisfaction is our priority, and we continuously strive to improve our products based on customer feedback.

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