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› [SVBONY](#) /

› SVBONY SV41Pro Mini MAK Spotting Scope Instruction Manual

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Model: SV41 PRO

1. PRODUCT OVERVIEW

The SVBONY SV41Pro Mini MAK Spotting Scope is a versatile optical instrument designed for detailed observation of distant subjects, including celestial bodies, wildlife, and targets at a shooting range. Its Maksutov-Cassegrain (MAK) optical design provides a compact form factor with a long focal length, delivering clear and bright images.

MAK Structure Design

More compact structure, clearer imaging

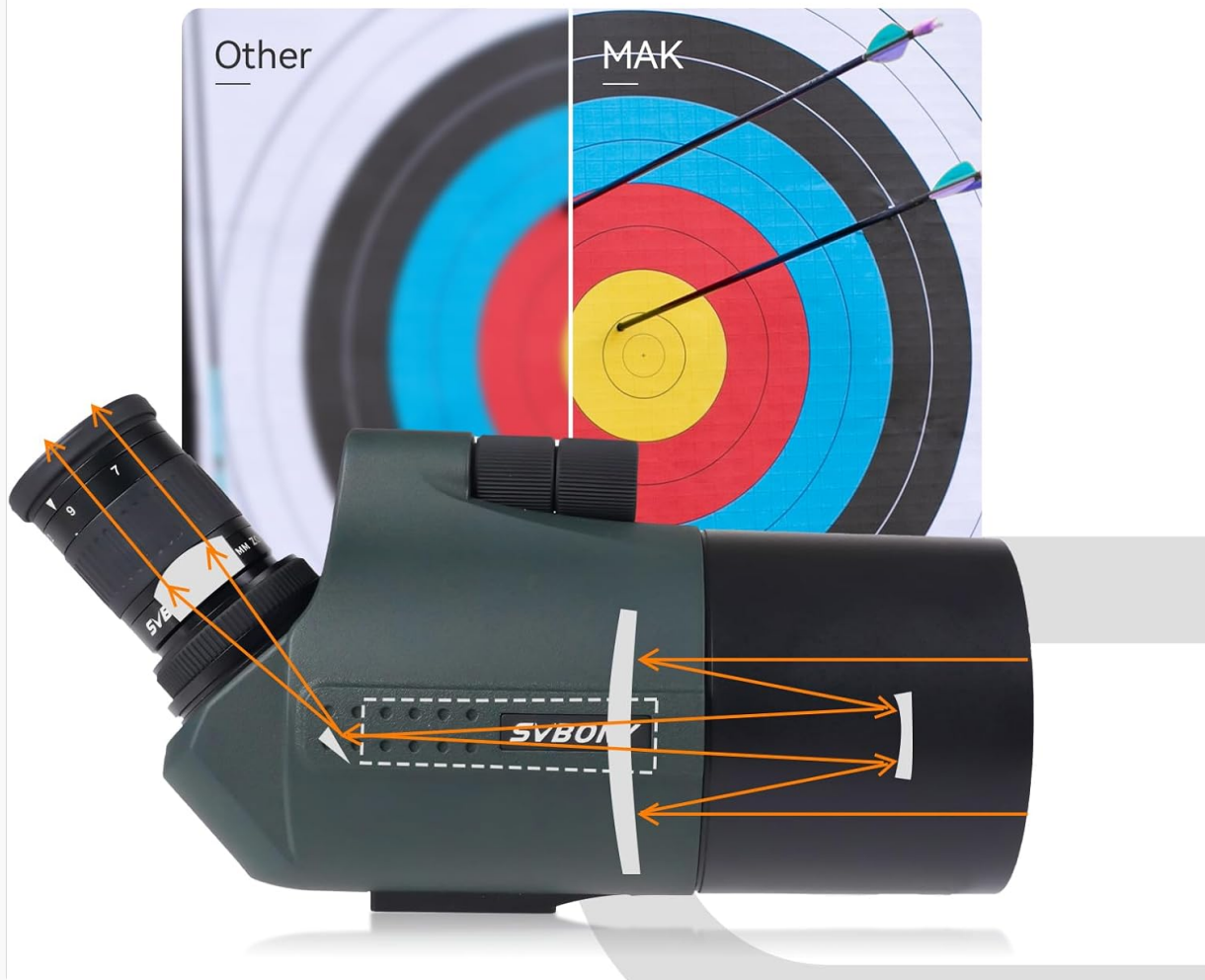


Image: Internal view of the SV41Pro spotting scope, highlighting its Maksutov-Cassegrain (MAK) optical structure for compact design and clear imaging.

Key features include an 80mm objective lens for enhanced light gathering, a 28-84x zoom eyepiece for variable magnification, and a dual-speed focus system for precise adjustments.

2. WHAT'S IN THE BOX

Upon unboxing your SVBONY SV41Pro Mini MAK Spotting Scope, you should find the following components:

- 1x SV41Pro Mak Spotting Scope
- 1x Soft Carrying Case
- 1x Lens Cover
- 1x Eyepiece Cover
- 1x Lens Cleaning Cloth
- 1x Tabletop Tripod
- 1x User Manual
- 1x SV182 Finderscope
- 1x Universal Dovetail Base

Package Includes



Image: A visual representation of all items included in the SVBONY SV41Pro spotting scope package, ensuring all parts are present.

Video: SV41 Pro Mak Spotting Scope Unboxing

Video Description: This video provides a detailed unboxing experience of the SVBONY SV41Pro Mak Spotting Scope, showcasing each component as it is removed from the packaging.

3. SETUP

1. **Attach Tripod:** Secure the spotting scope to the included tabletop tripod using the standard 1/4-20 tripod hole on the bottom of the scope. Ensure it is tightened for stability.
2. **Mount Finderscope:** If using the SV182 finderscope, attach it to the designated dovetail interface on the side of the spotting scope. This aids in quickly locating subjects before fine-tuning with the main scope.

Equipped with SV182 & Simple Dovetail Interface



Image: The SV41Pro spotting scope is shown with the SV182 finderscope and universal dovetail base attached, ready for observation.

- 3. Remove Lens Caps:** Carefully remove the lens caps from both the objective lens and the eyepiece before use.

4. OPERATING INSTRUCTIONS

4.1 Magnification Adjustment

The SV41Pro features a 28-84x zoom eyepiece. Rotate the eyepiece barrel to adjust the magnification to your desired level. Start with lower magnification for a wider field of view to locate your subject, then increase magnification for more detail.

28-84X Magnification

Zoom in or out to see the target



Image: The eyepiece of the SV41Pro spotting scope, illustrating the 28-84x magnification range for zooming in on distant objects.

4.2 Dual Focus System

The scope is equipped with a dual-speed focus mechanism for precise image clarity:

- **Coarse Focus:** Use the larger focus knob for rapid adjustments to bring the subject into approximate focus.
- **Fine Focus:** Use the smaller focus knob for minute adjustments to achieve critical sharpness and detail.

Dual Focus, Pinpoint Control

Fast Adjustment (28×56×):

Quickly brings distant subjects into view, saving time.

Slow Adjustment (56×-84×):

Prevents over-adjustment for precise focusing.

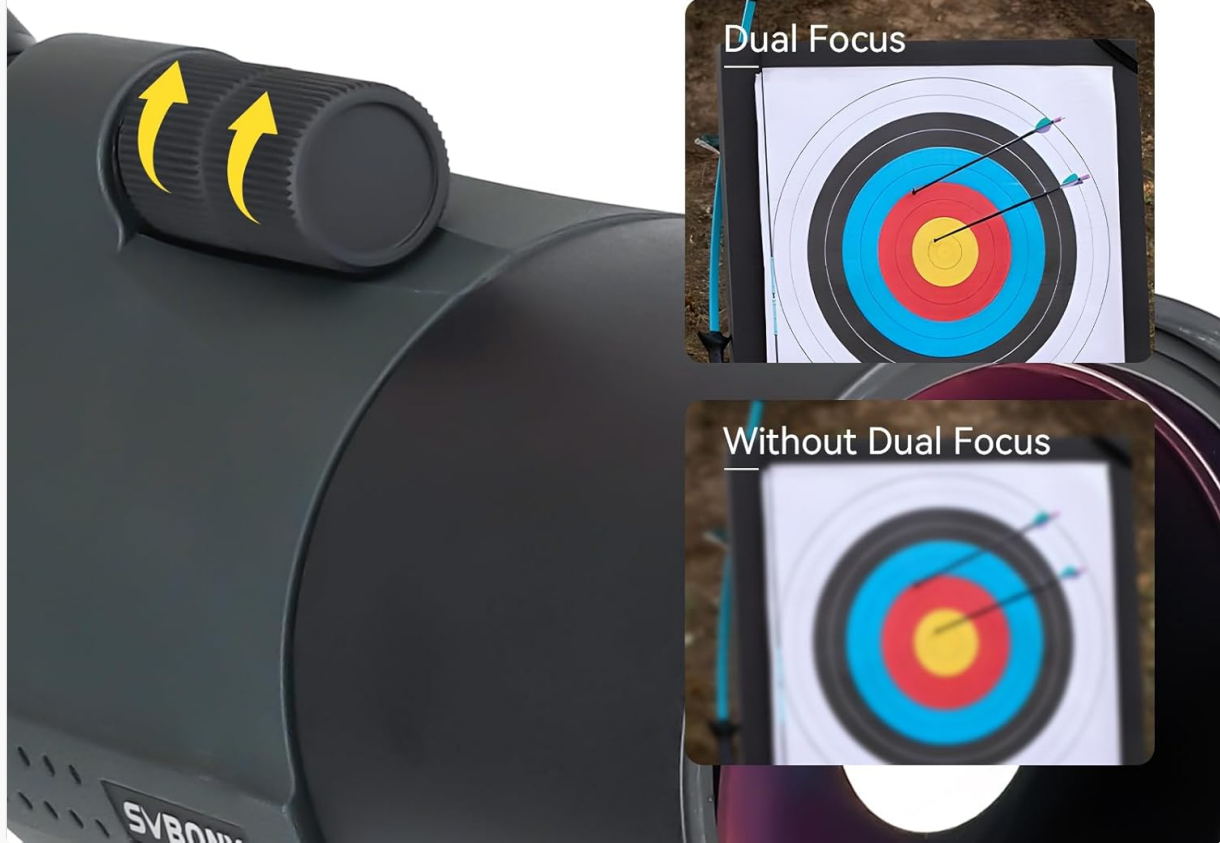


Image: The dual focus system of the SV41Pro, demonstrating how the two knobs allow for both quick and precise focusing.

4.3 Eyepiece Adjustment

The eyepiece is detachable and features an adjustable eyecup. Extend or retract the eyecup to find the most comfortable viewing position, especially if you wear eyeglasses.

Removable Eyepiece

Suitable for all



Image: The detachable eyepiece of the SV41Pro, illustrating its adjustability for comfortable viewing with or without eyeglasses.

4.4 Applications

The SV41Pro is suitable for various observation scenarios:

- **Celestial Observation:** Observe the moon and planets with its 80mm aperture and 800mm focal length.
- **Wildlife Observation:** Ideal for bird watching and observing distant animals without disturbance.
- **Digiscoping:** The detachable eyepiece and universal dovetail base allow for easy attachment of cameras or phone adapters for photography and video recording.

Various Observation



Image: The SV41Pro spotting scope in use for various observation types, including target practice, lunar viewing, and bird watching.

Video: SV41 PRO Outdoor Actual Use Experience

Video Description: This video demonstrates the SV41Pro spotting scope in an outdoor setting, showcasing its performance and ease of use for various observation tasks.

5. MAINTENANCE

- **Cleaning Lenses:** Use the provided lens cleaning cloth or a soft, lint-free cloth specifically designed for optics. Gently wipe the lens surfaces to remove dust or smudges. Avoid harsh chemicals or abrasive materials.
- **Storage:** When not in use, store the spotting scope in its soft carrying case to protect it from dust, moisture, and impacts. Ensure all lens caps are securely in place.
- **Waterproof Design:** The body is waterproof and nitrogen-filled, offering protection against moisture. However, avoid submerging the scope in water.

6. TROUBLESHOOTING

- **Blurry Image:** Ensure both coarse and fine focus knobs are adjusted correctly. Check that the eyepiece is fully inserted and secured.
- **Difficulty Locating Subject:** Use the finderscope (if attached) to roughly aim the main scope. Start with the lowest magnification (28x) on the main scope for a wider field of view.
- **Unstable View:** Ensure the spotting scope is securely mounted on the tripod and the tripod's legs are stable on a flat surface.

7. SPECIFICATIONS

Feature	Specification
Product Dimensions	13.39 x 4.33 x 6.69 inches
Item Weight	4.69 pounds (2128 Grams)
ASIN	B0DXF6KW6C
Item Model Number	FF9334H
Brand	SVBONY
Model Name	SV41 PRO
Optical Tube Length	12 Millimeters
Eyepiece Lens Description	28-84x Zoom eyepiece
Objective Lens Diameter	80 Millimeters
Telescope Mount Description	Altazimuth Mount
Focus Type	Manual Focus
Compatible Devices	Camera, Altazimuth Mount
Lens Coating Description	FMC

8. WARRANTY AND SUPPORT

For warranty information, product support, or to inquire about additional accessories, please refer to the official SVBONY website or contact their customer service directly. Keep your purchase receipt for any warranty claims.