

BRESSER 4322000

Bresser Pirsch 25-75x100 Spotting Scope User Manual

Model: 4322000

INTRODUCTION

This manual provides comprehensive instructions for the proper setup, operation, maintenance, and troubleshooting of your Bresser Pirsch 25-75x100 Spotting Scope. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.



Image: The Bresser Pirsch 25-75x100 Spotting Scope, shown from an angled perspective, highlighting its objective lens and eyepiece.

PACKAGE CONTENTS

Upon unpacking, please verify that all components are present and undamaged. The package should contain:

- Bresser Pirsch 25-75x100 Spotting Scope
- Utility Bag / Carrying Case
- Lens Caps (for objective lens and eyepiece)
- Instruction Manual (this document)

Note: A tripod is not included with this spotting scope and must be acquired separately for stable observation.



Image: The Bresser Pirsch Spotting Scope securely stored within its protective utility bag, ready for transport.

SETUP

1. **Unpacking:** Carefully remove the spotting scope and its accessories from the packaging. Retain the packaging for future storage or transport.
2. **Mounting on a Tripod:**
 - Locate the tripod mounting plate on the underside of the spotting scope.
 - Attach the spotting scope to a compatible tripod using the standard 1/4-inch or 3/8-inch tripod screw. Ensure the connection is secure to prevent accidental dislodgement.
 - Adjust the tripod's height and angle for comfortable viewing.



Image: The underside of the spotting scope, clearly showing the integrated tripod mounting plate for secure attachment to a tripod.

3. **Removing Lens Caps:** Remove the protective caps from the objective lens (front) and the eyepiece (rear).
4. **Adjusting Eyepiece:** If your model has an adjustable eyepiece, rotate it to your preferred viewing position.

OPERATING INSTRUCTIONS

1. **Aiming the Scope:** Point the spotting scope towards your desired observation target.
2. **Adjusting Magnification:**
 - The Bresser Pirsch 25-75x100 offers variable magnification from 25x to 75x.
 - Rotate the magnification ring on the eyepiece to increase or decrease the magnification. Start with lower magnification

for easier target acquisition, then increase as needed.



Image: The spotting scope viewed from the front-left, highlighting the eyepiece with its magnification adjustment ring.

3. Focusing:

- Locate the focus knob on the body of the spotting scope.
- While looking through the eyepiece, slowly rotate the focus knob until the image appears sharp and clear.
- For optimal clarity, fine-tune the focus after adjusting magnification.



Image: The spotting scope from a rear-left angle, clearly showing the focus knob for precise image adjustment.

4. **Eye Relief Adjustment:** The eyepiece features adjustable eye relief (18-15mm). Adjust this by twisting the eyecup to find the most comfortable viewing distance, especially important for eyeglass wearers.
5. **Digiscoping (Optional):** This spotting scope is compatible with the Bresser 49-14900 digital camera adapter (sold separately) for connecting digital cameras or compact camcorders. Refer to the adapter's manual for specific instructions.



Image: A person observing through the Bresser Pirsch Spotting Scope, which is mounted on a tripod, demonstrating typical usage.

MAINTENANCE

- **Cleaning Lenses:**
 - Use a soft, lint-free cloth or a lens brush to gently remove dust and loose particles.
 - For smudges or fingerprints, apply a small amount of lens cleaning fluid to a clean lens cloth and wipe gently in a circular motion. Avoid excessive pressure.
 - Never use abrasive materials or household cleaners on the lenses.
- **Cleaning Body:** Wipe the body of the scope with a soft, damp cloth. Avoid harsh chemicals.
- **Storage:** When not in use, always replace the lens caps and store the spotting scope in its utility bag in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Waterproof Feature:** The scope is waterproof, but it is not designed for submersion. If it gets wet, wipe it dry with a soft cloth. Ensure all caps are securely in place if exposed to moisture.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Image is blurry or out of focus.	Focus knob not adjusted correctly.	Rotate the focus knob until the image is sharp.
Dark edges or vignetting in the view.	Incorrect eye relief adjustment.	Adjust the eyecup by twisting it until the full field of view is visible.
Dust or spots visible in the image.	Dust on lenses.	Clean the objective lens and eyepiece carefully as described in the Maintenance section.
Scope is unstable on tripod.	Tripod connection is loose or tripod is not stable.	Ensure the scope is securely fastened to the tripod. Check tripod legs for stability.

SPECIFICATIONS

Feature	Detail
Model	Pirsch 25-75x100
Item Model Number	4322000
Magnification Range	25x - 75x
Objective Lens Diameter	100 mm
Optical Coatings	Fully Multi-Coated
Eye Relief	Adjustable 18-15 mm
Near Focus (approx.)	8 meters
Field of View (at 1000m)	26 - 14 meters
Waterproof	Yes
Prism Type	Porro Prism
Dimensions (L x W x H)	485 x 128 x 177 mm (19.09 x 4.92 x 7.28 inches)
Net Weight	2.4 kg (4.71 pounds)

WARRANTY INFORMATION

Bresser products are typically covered by a manufacturer's warranty. For specific details regarding the warranty period and terms for your Bresser Pirsch 25-75x100 Spotting Scope, please refer to the warranty card included with your product or visit the official Bresser website. Keep your proof of purchase for warranty claims.

Note: Warranty terms may vary by region and retailer.

SUPPORT

Should you encounter any issues or require further assistance with your Bresser Pirsch 25-75x100 Spotting Scope, please contact Bresser customer support.

- **Online Support:** Visit the official Bresser website for FAQs, product registration, and contact information.
- **Retailer Support:** For purchase-related inquiries, contact the retailer from whom you purchased the product.

Visit the [BRESSER Store on Amazon](#) for more information and products.



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This manual is for informational purposes only. Specifications are subject to change without notice.

Related Documents - 4322000

	Bresser Freek Vonk Spotting Scope Operating Instructions Comprehensive operating instructions for the Bresser Freek Vonk spotting scope, including parts overview, setup, controls, cleaning, maintenance, and smartphone integration.
	Bresser Universal Smartphone Adapter Deluxe User Manual Comprehensive user manual for the Bresser Universal Smartphone Adapter Deluxe (Art. No. 4914914), covering setup, operation, safety guidelines, and warranty information. Designed for capturing images and videos through optical devices with a smartphone.
	BRESSER 88-20004 See-It Scope Instruction Manual & User Guide Official instruction manual for the BRESSER 88-20004 See-It Scope. Learn how to use, install batteries, clean, and understand safety warnings for this digital inspection camera.
	Bresser Telescopes, Binoculars, and Spotting Scopes: Handling and Safety Instructions Comprehensive safety and handling instructions for Bresser telescopes, binoculars, and spotting scopes, covering safe usage, potential hazards, and important warnings for users of all ages.
	Bresser Telescopes, Binoculars, and Spotting Scopes: Handling and Safety Instructions Essential handling and safety instructions for Bresser telescopes, binoculars, and spotting scopes, covering safe usage, warnings about sun observation, and fire risks.
	Bresser Binocular Instruction Manual and Warranty Information Comprehensive guide to using, caring for, and understanding the warranty for Bresser binoculars, including setup, maintenance, and product registration details from Explore Scientific.

Documents - BRESSER – 4322000



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