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> DANOPLUS 10x Magnifier Jewelry Loupe (Model KIB-246) Instruction Manual

DANOPLUS KIB-246

DANOPLUS 10x Magnifier Jewelry Loupe (Model KIB-246) Instruction Manual

Your guide to using and maintaining your precision magnifying tool.

INTRODUCTION

The DANOPLUS 10x Magnifier Jewelry Loupe is a versatile and durable magnifying tool designed for detailed inspection. It features a 10x magnification triplet lens, integrated LED illumination, and a UV light for enhanced visibility and specific material examination. Its compact, foldable design ensures portability and protection.

WIDE APPLICATION



Watch Making



Coins / Banknotes



Stamps



Jewelry



Circuit Board



Cultural relics



Image: The DANOPLUS 10x Magnifier Jewelry Loupe in use, examining postage stamps.

SETUP

Package Contents

Upon opening the package, verify that all components are present:

- 10x Jewelry Loupe
- High-quality protective case
- Lens cleaning cloth
- Quickly detachable lanyard cord
- Battery compartment key (for battery replacement)



Image: The complete kit, including the loupe, protective case, cleaning cloth, lanyard, and battery key.

Battery Installation

The loupe requires 3 LR44 batteries. If the lights are not functioning, or if they dim, battery replacement is necessary.

1. Locate the battery compartment on the side of the loupe.
2. Use the provided key to unscrew the battery compartment cover.
3. Insert three LR44 batteries, ensuring correct polarity (+/-).
4. Replace the cover and secure it with the key.



Image: The battery compartment opened with the key, showing battery placement.

Attaching the Lanyard

For convenient carrying and to prevent loss, attach the lanyard cord to the designated loop on the loupe. The lanyard features a quick-release button for easy detachment.



Image: Instructions for attaching the lanyard and using its quick-release mechanism.

OPERATING INSTRUCTIONS

Unfolding the Loupe

The loupe features a foldaway design for protection and portability. Gently unfold the metal casing to expose the lens and light switch.



Image: Visual guide demonstrating the folding and unfolding action of the loupe.

Using the Magnification

Hold the loupe close to your eye and bring the object you wish to examine into focus by moving it closer or further from the lens. The 10x triplet lens provides clear, achromatic magnification.



Image: A hand holding the loupe, demonstrating its compact size and how it is typically held for use.

Activating the Lights

The loupe is equipped with both LED (white) and UV lights. A sliding switch on the side of the loupe controls these functions:

- Slide the switch to "LED" for bright white illumination.
- Slide the switch to "UV" for ultraviolet light, useful for detecting fluorescence in gems or verifying currency.
- Slide the switch to "OFF" to conserve battery power.



Image: Visual representation of the loupe's view under normal light, LED light, and UV light, highlighting the different illumination options.

10X MAGNIFICATION GEM LOUPE

WITH LED AND UV LIGHT



LED LIGHT



UV LIGHT



Image: The loupe showcasing its LED and UV light features, with a background of gems.

Applications

This loupe is suitable for a wide range of applications, including:

- **Jewelry Inspection:** Examining gemstones, diamonds, and metalwork for clarity, cuts, and hallmarks.
- **Watchmaking:** Detailed work on small watch components.
- **Coin and Stamp Collecting:** Identifying fine details, mint marks, and printing errors.
- **Electronics:** Inspecting circuit boards and small electronic components.
- **Arts & Crafts:** Precision work in various hobbies.
- **General Magnification:** Any task requiring close-up examination.



Image: A collage showing various applications of the loupe, such as watchmaking, examining coins, stamps, jewelry, circuit boards, and cultural relics.

MAINTENANCE

Cleaning the Lens

To ensure optimal clarity, keep the lens clean. Use the provided lens cleaning cloth to gently wipe away dust or smudges. Avoid using abrasive materials or harsh chemicals, which can damage the optical glass.

Battery Replacement

Refer to the "Battery Installation" section under Setup for detailed instructions on replacing the LR44 batteries when the lights dim or cease to function.

Storage

Always store the loupe in its protective case when not in use. This protects the lens from scratches and the metal body from damage, ensuring longevity.



Image: The loupe securely stored inside its zippered protective case.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights (LED/UV) do not turn on.	Dead or incorrectly installed batteries.	Replace batteries (3x LR44) ensuring correct polarity. Refer to "Battery Installation" section.
View through lens is blurry or unclear.	Dirty lens or incorrect focusing distance.	Clean the lens with the provided cleaning cloth. Adjust the distance between the loupe, your eye, and the object until clear focus is achieved.
Loupe does not fold smoothly.	Debris in hinge or minor misalignment.	Ensure no foreign objects are obstructing the hinge. Apply minimal force; if resistance persists, contact support.

SPECIFICATIONS

Brand	DANOPLUS
Model Number	KIB-246
Magnification Strength	10x
Lens Diameter	21mm (0.82 inches)
Lens Type	Triplet, Achromatic Optical Glass

Illumination	LED (White Light) and UV Light
Body Material	Metal (Aluminum)
Product Dimensions	1.81"L x 0.96"W (46mm x 24.5mm)
Item Weight	0.11 Kilograms (3.84 ounces)
Batteries Required	3 x LR44 (included, for initial use)
UPC	619317586628



Image: Detailed dimensions of the loupe in both folded and unfolded states.

WARRANTY INFORMATION

This product is covered by the standard manufacturer's warranty. Please retain your proof of purchase for any warranty claims. For specific details regarding warranty terms and conditions, refer to the documentation included with your purchase or contact the

manufacturer directly.

CUSTOMER SUPPORT

For technical assistance, troubleshooting beyond this manual, or inquiries about your DANOPLUS 10x Magnifier Jewelry Loupe, please contact DANOPLUS customer support through their official website or the retailer where the product was purchased. You can visit the DANOPLUS Store at [Amazon.com/DANOPLUS](https://www.amazon.com/DANOPLUS) for more information.

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