

[Manuals.plus](#) /

> [Amoper](#) /

> Amoper 30X Loupe Magnifier (Model XW-MCSP43) Instruction Manual

Amoper XW-MCSP43

Amoper 30X Loupe Magnifier (Model XW-MCSP43) Instruction Manual

Brand: Amoper
Model: XW-MCSP43

INTRODUCTION

This manual provides comprehensive instructions for the Amoper 30X Loupe Magnifier, Model XW-MCSP43. This device is designed for detailed observation in various applications, including textile inspection, embroidery, circuit board examination, coin and jewelry appraisal, and stamp collection. It features a 30x magnification lens, adjustable focal length, and integrated LED and UV lighting.

Key features include:

- 30x Magnification
- Adjustable Focal Length
- Durable ABS Plastic Construction
- Integrated 3 White LED Lights
- Integrated 3 UV Lights for Currency Detection
- Compact and Portable Design
- Includes a Soft Leather Case

PRODUCT OVERVIEW

The Amoper 30X Loupe Magnifier is a compact and versatile tool for detailed inspection. It features a zinc alloy material double lens combination, LED lamp beads, a scale for measurement, and an acrylic lens.

ZINC ALLOY MATERIAL DOUBLE LENS COMBINATION

LED lamp beads

With scale

Acrylic lens



Image: The Amoper 30X Loupe Magnifier, highlighting its zinc alloy construction, LED lamp beads, integrated scale, and acrylic lens.

The magnifier has a compact size, measuring approximately 2.0 inches in height and 1.7 inches in width, with a lens diameter of 1.1 inches.



Image: Diagram illustrating the physical dimensions of the Amoper 30X Loupe Magnifier.

SETUP

Battery Installation

The magnifier requires 3 AG7 batteries. To install or replace batteries:

1. Gently twist the upper part of the magnifier counter-clockwise to open the battery compartment.
2. Insert 3 AG7 batteries, ensuring correct polarity.
3. Close the battery compartment by twisting clockwise until secure.



Image: Visual guide for changing the AG7 batteries in the magnifier.

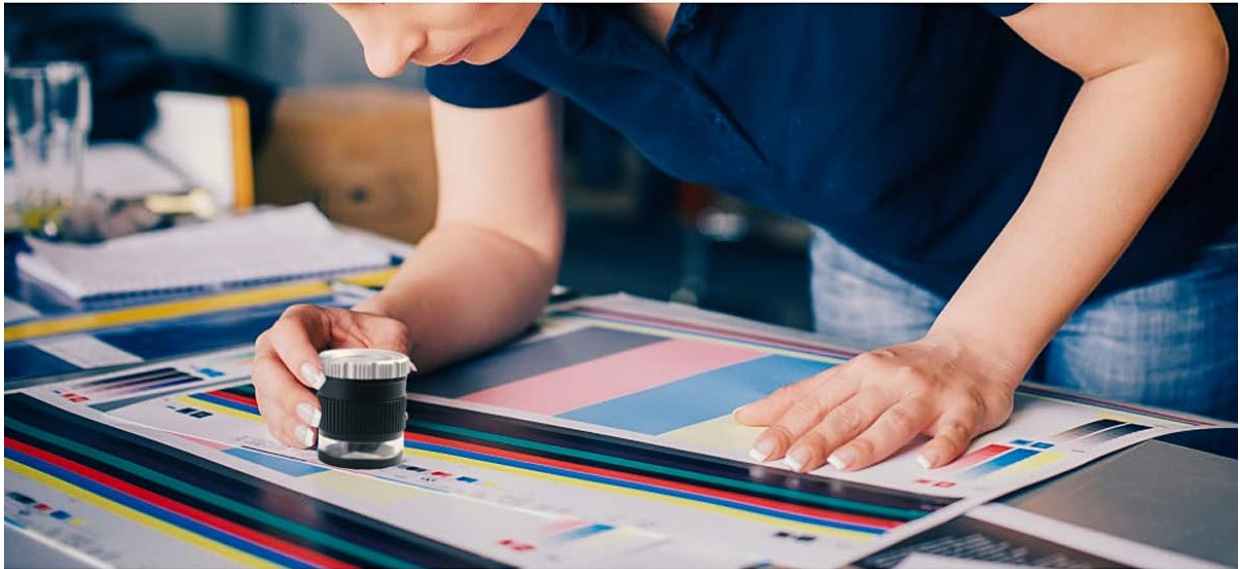
OPERATING INSTRUCTIONS

Adjusting Focal Length

To achieve a clear view of the object:

1. Place the magnifier directly onto the object you wish to examine.
2. Rotate the upper part of the magnifier (the silver knurled ring) until the object appears in sharp focus. This adjusts the focal length.
3. The integrated scale can be used to measure the dimensions of the viewed item.

LENS FOCAL LENGTH ADJUSTMENT



The focal length of the eyepiece lens can be adjusted to facilitate focusing and viewing of uneven products

Image: Demonstrates how to adjust the focal length for clear viewing and how the integrated scale functions.

Using the LED and UV Lights

The magnifier features both white LED lights and UV lights.

1. Press the soft silicone button once to activate the 3 white LED lights for general magnified observation.
2. Press the button a second time to switch to the 3 UV lights, which are useful for currency detection or examining security features.
3. Press the button a third time to turn off all lights.

CONVENIENT LED LIGHT

High brightness 3LED light illuminate easy to see details



Image: The magnifier with its white LED lights activated, providing illumination for detailed viewing.

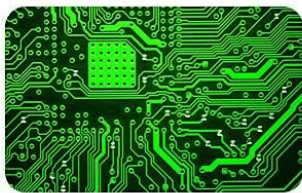


Image: The magnifier with its UV lights activated, useful for inspecting security features on currency or documents.

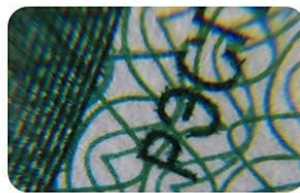
Applications

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

- Printing inspection
- Handcrafts and hobby work
- Watch and jewelry repair
- Examining coins and stamps
- Textile and fabric analysis
- Circuit board inspection



Circuit board



Fabric



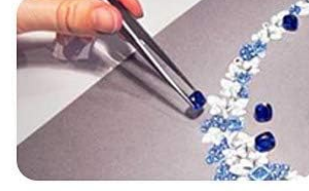
coin



Cultural relics



antique



Jewellery

Image: Examples of items that can be examined using the magnifier, such as circuit boards, fabrics, coins, and jewelry.

MAINTENANCE

To ensure the longevity and optimal performance of your Amoper 30X Loupe Magnifier:

- Keep the lens clean by gently wiping with a soft, lint-free cloth. Avoid abrasive materials or harsh chemicals.
- Store the magnifier in its provided soft leather case when not in use to protect the lens from scratches and dust.
- Replace batteries promptly when the lights dim or cease to function.
- Avoid dropping the magnifier or subjecting it to strong impacts.



Image: The soft leather case provided for protecting the magnifier.

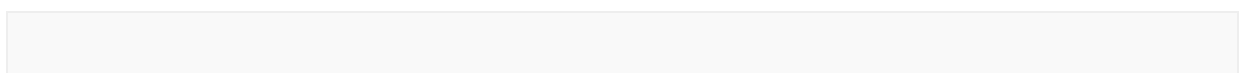
TROUBLESHOOTING

Problem	Possible Cause	Solution
Image is blurry or out of focus.	Focal length not correctly adjusted.	Rotate the upper part of the magnifier until the image is clear. Ensure the magnifier is placed directly on the object.
Lights do not turn on.	Dead batteries or incorrect battery installation.	Check battery polarity. Replace with new AG7 batteries. Ensure the power button is pressed correctly.
Lights are dim.	Low battery power.	Replace with new AG7 batteries.
Magnifier lens is dirty.	Dust or smudges on the lens.	Gently wipe the lens with a soft, lint-free cloth.

SPECIFICATIONS

- **Brand:** Amoper
- **Model Number:** XW-MCSP43
- **Magnification Strength:** 30x
- **Lens Material:** Glass
- **Body Material:** ABS Plastic
- **Lighting:** 3 White LED lights, 3 UV lights
- **Power Source:** 3 x AG7 Batteries (not rechargeable)
- **Item Weight:** 2.52 Ounces
- **Item Dimensions (L x W):** 2.0" x 1.7"
- **Lens Diameter:** 1.1"
- **Color:** White, Purple (referring to light colors)

OFFICIAL PRODUCT VIDEOS



Amoper 30X Adjustable Focal Length Jewelers Loupe

Your browser does not support the video tag.

Video: An official product video from Amoper demonstrating the features and usage of the 30X Adjustable Focal Length Jewelers Loupe. This video provides a visual guide to the magnifier's capabilities.

Amoper Portable Pocket Magnifier for Stamp

Your browser does not support the video tag.

Video: An official product video from Amoper showcasing the portable pocket magnifier, specifically demonstrating its use for examining stamps and other small details.

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the manufacturer's official website or contact Amoper customer service directly. Details may be found on the product packaging or through the retailer where the product was purchased. The product typically includes a standard return policy of 30 days for refund or replacement.

Manufacturer: Amoper

For further assistance, visit the [Amoper Store on Amazon](#).