

## Ivation IVA-LM2XSTND

# Ivation LED Lighted 2X Magnifier with Helping Hands

Model: IVA-LM2XSTND

## 1. INTRODUCTION

Thank you for purchasing the Ivation LED Lighted 2X Magnifier with Helping Hands. This versatile tool is designed to assist with intricate tasks, hobbies, and detailed work by providing clear magnification and bright LED illumination. Its flexible design allows for both freestanding and clip-on use, making it suitable for various environments. Please read this manual thoroughly before use to ensure proper operation and to maximize the product's lifespan.

## 2. SAFETY INFORMATION

- **Do not expose the lens to direct sunlight.** Concentrated sunlight through the lens can cause fire or damage to eyes.
- Keep the device away from water or other liquids to prevent electric shock or damage.
- Do not attempt to disassemble or modify the product. This will void the warranty and may cause damage or injury.
- Ensure batteries are inserted with correct polarity. Remove batteries if the device will not be used for an extended period.
- Keep out of reach of children. This is not a toy.
- Use only the specified battery type (3 AAA batteries).

## 3. PACKAGE CONTENTS

Verify that all items are present in your package:

- LED Lighted Magnifier Unit (with 2x main lens and 5x inset lens)
- Multifunction Base (for freestanding or clip-on use)
- 2 Flexible Gooseneck Helping Hand Clamps
- 3 AAA Batteries

- Microfiber Cloth Case
- Instruction Manual

## 4. PRODUCT FEATURES

---

- **Dual Strength Magnification:** Features a 4.25-inch 2x main lens with a 5x inset spot lens for detailed work.
- **Integrated LED Lighting:** Two super-bright 'daylight' LEDs provide clear illumination.
- **Versatile Base:** Unique multifunction base allows for freestanding use with two metal stability bars or clip-on use on tabletops, desktops, or countertops.
- **Flexible Gooseneck:** Positions the magnifier at precisely the desired height and angle.
- **Helping Hand Clamps:** Includes two screw-in flexible gooseneck clamps for truly hands-free function, ideal for holding small objects.
- **Battery Operated:** Powered by 3 AAA batteries (included).

## 5. ASSEMBLY AND SETUP

---

### 5.1. Battery Installation

1. Locate the battery compartment on the underside of the base unit.
2. Open the battery compartment cover.
3. Insert 3 AAA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover securely.

*The device works with 3 AAA batteries, which are included.*



Video: Demonstrates battery installation and various product features.

### 5.2. Attaching Helping Hand Clamps

1. Identify the two small threaded holes on the side of the base unit.
2. Take one flexible gooseneck helping hand clamp.
3. Screw the threaded end of the clamp into one of the holes until secure.
4. Repeat for the second helping hand clamp if desired.



Image: The magnifier with one helping hand clamp attached to the base, holding a small red card.



Image: The magnifier with both helping hand clamps attached to the base, ready for use.

### 5.3. Positioning the Magnifier

The magnifier offers two primary positioning options:

#### Freestanding Use:

- Unfold the two metal stability bars from the base to create a stable tripod-like stand.
- Place the unit on a flat, stable surface.
- Adjust the flexible gooseneck to position the magnifier and LED lights over your work area.



Image: The magnifier in its freestanding configuration on a wooden surface.

#### **Clip-On Use:**

- Ensure the metal stability bars are folded back into the base.
- Press the clip mechanism on the base to open the jaws.
- Attach the clip securely to the edge of a table, desk, or countertop. Ensure it is firmly gripped.
- Adjust the flexible gooseneck to position the magnifier and LED lights over your work area.



Image: The magnifier clipped to a desk, providing light and magnification over a computer keyboard.



Image: The magnifier clipped to a desk, providing light and magnification for reading a newspaper.



Image: A composite image illustrating the clip mechanism, LED lights, and both clip-on and freestanding base configurations.

## 6. OPERATION

### 6.1. Turning On/Off the LED Lights

The LED lights are controlled by a single button located on the magnifier head. Press the button once to turn the lights on, and press it again to turn them off.

### 6.2. Using the Magnifier

- Position the magnifier over the object you wish to view.
- Adjust the flexible gooseneck to bring the lens to the optimal viewing distance and angle for clarity.
- For general magnification, use the large 2x lens. For extremely fine details, use the smaller 5x inset lens.
- Turn on the LED lights for enhanced visibility, especially in low-light conditions.

### 6.3. Utilizing Helping Hands

The two flexible helping hand clamps are designed to hold small components or objects, freeing your hands for other tasks.

- Once attached to the base, adjust the gooseneck of each clamp to position the alligator clips as needed.
- Gently open the alligator clips and secure the object you need to hold.
- Ensure the object is held firmly but not damaged by excessive pressure from the clips.



Image: The magnifier with a helping hand clamp holding a small circuit board, demonstrating its utility for detailed work.

## 7. MAINTENANCE

- **Cleaning the Lens:** Use the included microfiber cloth to gently wipe the lens. For stubborn smudges, slightly dampen the cloth with lens cleaning solution. Avoid abrasive cleaners or paper towels, which can scratch the lens.
- **General Cleaning:** Wipe the base and gooseneck with a soft, dry cloth. Do not use harsh chemicals.
- **Battery Replacement:** Replace all 3 AAA batteries when the LED lights dim or stop working. Ensure proper polarity during replacement.
- **Storage:** When not in use, store the magnifier in a clean, dry place, preferably in its microfiber cloth case, to protect the lens from dust and scratches.

## 8. TROUBLESHOOTING

- **LED lights do not turn on:**
  - Check if the batteries are inserted with correct polarity.
  - Replace the batteries with new ones.

- Ensure the battery compartment cover is securely closed.
- **Magnification is blurry or unclear:**
  - Clean the lens with the provided microfiber cloth.
  - Adjust the distance between the lens and the object until a clear image is achieved.
- **Magnifier unit is unstable:**
  - For freestanding use, ensure the metal stability bars are fully extended and placed on a flat, level surface.
  - For clip-on use, ensure the clip is firmly attached to a stable edge and fully engaged.

## 9. SPECIFICATIONS

<b>Brand</b>	Ivation
<b>Model Number</b>	IVA-LM2XSTND
<b>Main Lens Magnification</b>	2x
<b>Inset Lens Magnification</b>	5x
<b>Lens Material</b>	Acrylic
<b>Illumination</b>	2 LED Lights
<b>Power Source</b>	3 x AAA Batteries
<b>Base Type</b>	Multifunction (Freestanding & Clip-on)
<b>Helping Hands</b>	2 Flexible Gooseneck Clamps

## 10. WARRANTY AND SUPPORT

This Ivation product is covered by a limited warranty. For detailed warranty information, product support, or to register your product, please visit the official Ivation website or contact customer service using the information provided on your product packaging or purchase receipt.

Please retain your proof of purchase for warranty claims.