

## Carson CP-60

# Carson Pro Series MagniVisor Deluxe Head-Worn LED Lighted Magnifier (CP-60) Instruction Manual

Model: CP-60

## 1. INTRODUCTION

The Carson Pro Series MagniVisor Deluxe (CP-60) is a hands-free, head-worn magnifier designed for various detailed tasks. It features interchangeable acrylic lenses and an adjustable LED light, making it suitable for hobbies, crafts, reading, and inspection.

## 2. PACKAGE CONTENTS

- MagniVisor Deluxe Headset
- 4 Interchangeable Acrylic Lenses (1.5x, 2x, 2.5x, 3x)
- Protective Lens Case
- Microfiber Cleaning Cloth
- Removable LED Lamp (requires 3 AAA batteries, not included)



*Image 2.1: All components of the MagniVisor Deluxe, including the headset, detachable LED light, and four interchangeable lenses in their protective case.*

## 3. SETUP

---

### 3.1. Inserting Batteries into the LED Lamp

1. Locate the battery compartment on the underside of the LED lamp.
2. Open the battery compartment cover.
3. Insert 3 AAA batteries (not included), ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.



*Image 3.1: The underside of the LED lamp showing the battery compartment and the placement of three AAA batteries.*

### **3.2. Attaching/Changing Lenses**

1. Select the desired magnification lens (1.5x, 2x, 2.5x, or 3x).
2. Align the tabs on the lens with the slots on the visor frame.
3. Gently push the lens into place until it clicks securely.
4. To remove, gently pull the lens outward from the frame.



*Image 3.2: The four interchangeable acrylic lenses, labeled 1.5x, 2x, 2.5x, and 3x, ready for attachment to the visor.*

### **3.3. Adjusting the Headband**

The headband is adjustable to fit various head sizes. Use the quick-release button and the adjustable strap at the back to achieve a comfortable and secure fit. Ensure the visor sits comfortably on your forehead without excessive pressure.



*Image 3.3: Close-up of the adjustable headband mechanism, showing the quick-release button and strap for size adjustment.*

## **4. OPERATING INSTRUCTIONS**

### **4.1. Using the LED Lamp**

- Press the red button on the LED lamp to turn it on or off.
- The lamp can be adjusted approximately 30 degrees left or right and 90 degrees up or down to direct light as needed.
- The LED lamp is removable and features a magnetic base, allowing it to be used as a free-standing light source.



*Image 4.1: The LED lamp on the MagniVisor Deluxe, illustrating its adjustable movement for optimal lighting.*





Image 4.2: The LED lamp detached from the visor, demonstrating its use as a portable, free-standing light source with its magnetic base.

## 4.2. Using the Magnifier Lenses

- Once a lens is attached, it can be flipped down for magnification or flipped up and out of the way when not needed. The lenses can extend up to an 85-degree angle.
- For optimal viewing, adjust the distance between your eyes and the object being viewed. Higher magnification lenses typically require closer working distances.



Image 4.3: A person wearing the MagniVisor Deluxe, demonstrating its use for detailed tasks such as soldering, with the lenses flipped down for magnification.

## 5. MAINTENANCE

- **Cleaning Lenses:** Use the provided microfiber cleaning cloth to gently wipe the lenses. Avoid using abrasive materials or harsh chemicals, which can scratch or damage the acrylic.
- **Battery Replacement:** Replace AAA batteries in the LED lamp when the light dims. Ensure correct polarity during installation.
- **Storage:** Store the interchangeable lenses in their protective case when not in use to prevent scratches.

## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
LED lamp does not turn on.	Dead batteries or incorrect battery installation.	Replace batteries with new AAA batteries, ensuring correct polarity.
Lenses are blurry or unclear.	Lenses are dirty or scratched.	Clean lenses with the microfiber cloth. If scratched, consider replacing the lens.
Headset is uncomfortable or causes pressure.	Headband is too tight or improperly adjusted.	Adjust the headband using the quick-release button and strap for a looser, more comfortable fit. Ensure the visor is not pressing too hard on your forehead.
Lenses fall out easily.	Lenses not securely clicked into place.	Ensure the tabs on the lens are fully engaged with the slots on the visor frame until a click is heard.



## 7. SPECIFICATIONS

---

- **Brand:** Carson
- **Model:** CP-60
- **Lens Material:** Acrylic
- **Magnification Strengths:** 1.5x, 2x, 2.5x, 3x
- **Light Source:** LED (3 super bright lights)
- **Power Source:** 3 AAA batteries (not included)
- **Item Weight:** 8 ounces (0.5 Pounds)
- **Product Dimensions:** 1 x 1 x 1 inches (packaging dimensions, actual product may vary slightly)

## 8. WARRANTY AND SUPPORT

---

Carson strives to ensure customer satisfaction with the quality of their magnifiers. Carson will repair or replace your magnifier if it is found to have manufacturing defects in materials or workmanship. For support or warranty claims, please refer to the contact information provided on the official Carson website or your purchase documentation.

Your browser does not support the video tag.

*Video 8.1: An official product video from Carson Optical demonstrating the features and usage of the MagniVisor Deluxe Head-Worn LED Lighted Magnifier.*

