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Walfront 9892B2C

Walfront 9892B2C Head-Mounted Magnifier User Manual

Model: 9892B2C

1. INTRODUCTION

Thank you for purchasing the Walfront 9892B2C Head-Mounted Magnifier. This device is designed to provide enhanced magnification and illumination for various detailed tasks, including reading, crafting, electronics repair, and more. It features interchangeable lenses and integrated LED lights for optimal visibility. Please read this manual thoroughly before use to ensure proper operation and maintenance.

2. SAFETY INFORMATION

- Do not expose the device to direct sunlight or high temperatures.
- Keep out of reach of children.
- Avoid looking directly into the LED lights for extended periods to prevent eye strain.
- Use only the provided USB charging cable.
- Clean lenses with a soft, lint-free cloth. Do not use abrasive cleaners.

3. PACKAGE CONTENTS



Image: All components included in the Walfront 9892B2C Head-Mounted Magnifier package.

- 1 x Head-Mounted Magnifier Unit
- 5 x Interchangeable Magnifying Lenses (1.0x, 1.5x, 2.0x, 2.5x, 3.5x)
- 1 x Elastic Headband
- 1 x USB Charging Cable
- 1 x Cleaning Cloth
- 1 x Lens Storage Case

4. PRODUCT OVERVIEW

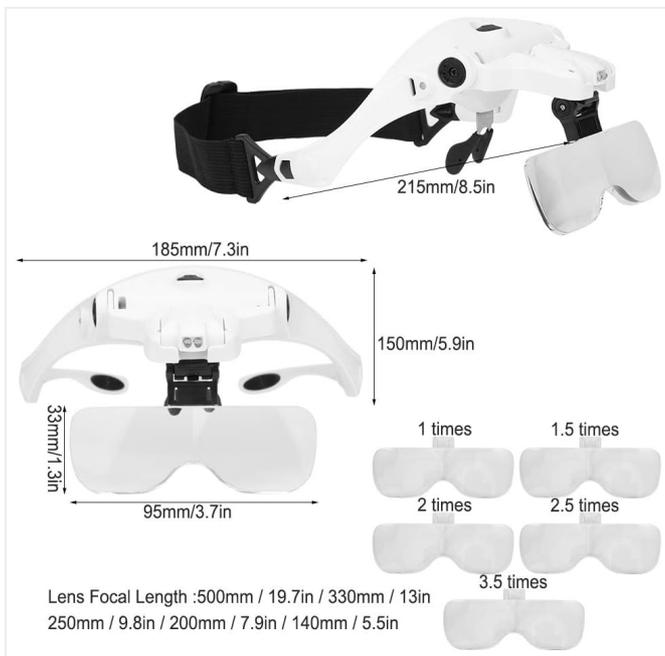


Image: Detailed dimensions of the magnifier unit and the five interchangeable lens magnifications with their focal lengths.



Image: Close-up view highlighting the USB charging port with its charging indicator and the dual LED auxiliary lighting system.

The Walfront 9892B2C Head-Mounted Magnifier consists of a main head-mounted frame with adjustable nose pads and an integrated LED light module. It supports five different magnification lenses that can be easily interchanged. The unit is powered by a rechargeable battery, charged via a standard USB port.

- **Main Frame:** Lightweight and ergonomically designed for comfortable wear.
- **Interchangeable Lenses:** Five acrylic and glass lenses offering magnifications of 1.0x, 1.5x, 2.0x, 2.5x, and 3.5x.
- **LED Lights:** Two bright LED lights provide illumination for detailed work, powered by the internal rechargeable battery.
- **USB Charging Port:** Located on the side of the frame for convenient recharging.
- **Adjustable Headband:** An elastic headband can replace the eyeglass temples for a more secure fit during active tasks.

5. SETUP

5.1 Charging the Device

Powered by multiple USB source



Image: The magnifier can be charged using various USB power sources, such as a power bank, wall adapter, or laptop.

1. Locate the USB charging port on the side of the magnifier frame.
2. Connect the provided USB charging cable to the port.
3. Plug the other end of the USB cable into a compatible USB power source (e.g., computer USB port, USB wall adapter, power bank).
4. The charging indicator light will illuminate during charging and turn off when fully charged.

5.2 Attaching Lenses

The magnifier comes with five interchangeable lenses. Select the desired magnification for your task.

1. Gently slide the chosen lens into the designated slot on the magnifier frame until it clicks securely into place.
2. To remove a lens, gently press the release tab (if present) or slide it out from the slot.

5.3 Wearing the Magnifier



Image: Illustration showing the two methods of wearing the magnifier: using the standard eyeglass temples or by attaching the adjustable

elastic headband for a more secure fit.

The magnifier can be worn in two ways:

- **Eyeglass Temples:** Simply unfold the temples and wear the magnifier like a pair of glasses.
- **Elastic Headband:** For a more secure and comfortable fit, especially during prolonged use or active tasks, remove the eyeglass temples and attach the elastic headband. Adjust the headband for a snug fit around your head.

6. OPERATING INSTRUCTIONS

6.1 Turning On/Off LED Lights

Locate the LED light switch on the top of the magnifier unit. Slide the switch to turn the lights on or off.



Image: Top-down view of the magnifier unit, showing the position of the two LED lights.

6.2 Adjusting Magnification

To change magnification, simply remove the currently installed lens and insert a different one from the provided set (1.0x, 1.5x, 2.0x, 2.5x, 3.5x). Choose the magnification level that best suits your task and desired working distance.



Image: The head-mounted magnifier shown with its interchangeable lenses and demonstrated on a mannequin head, illustrating its use.



Image: Examples of the magnifier being used for different applications such as reading, electronics work, and crafting.

7. MAINTENANCE

- **Cleaning Lenses:** Use the provided cleaning cloth or a soft, lint-free cloth to wipe the lenses. For stubborn smudges, a small amount of lens cleaning solution can be applied to the cloth, not directly to the lens.
- **Cleaning Frame:** Wipe the magnifier frame with a damp cloth. Do not immerse the unit in water.
- **Storage:** Store the magnifier and its lenses in a clean, dry place, preferably in the provided storage case, to protect them from dust and scratches.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Recharge when the LED lights dim or before prolonged storage.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
LED lights do not turn on.	Battery is low or depleted.	Charge the magnifier using the USB cable.
Magnification is unclear or blurry.	Lenses are dirty or scratched. Incorrect lens selected for working distance.	Clean lenses with the provided cloth. Try a different magnification lens. Adjust working distance.
Lenses do not stay in place.	Lens not fully inserted.	Ensure the lens is fully clicked into its slot.

9. SPECIFICATIONS

Feature	Detail
Model	9892B2C
Brand	Walfront
Lens Material	Acrylic, Glass
Magnification Strength	1.0x, 1.5x, 2.0x, 2.5x, 3.5x (Interchangeable)
Lighting	2 x LED Lights
Power Source	Rechargeable via USB
Item Weight	11.7 ounces (approx. 331g)
First Available Date	September 9, 2020

10. WARRANTY AND SUPPORT

For warranty information or technical support, please contact Walfront customer service through the retailer where the product was purchased. Please have your purchase receipt and product model number (9892B2C) ready when contacting support.

You can also visit the official Walfront store on Amazon for more information: [Walfront Amazon Store](#)



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