



Instruction Manual

EYEGLOSS LED MAGNIFIER

9892BC

PROFESSIONAL OPTICAL MAGNIFICATION SYSTEM

PRODUCT SUMMARY

EYEGLASS LED MAGNIFIER
Professional Optical Magnification System

Rechargeable Battery

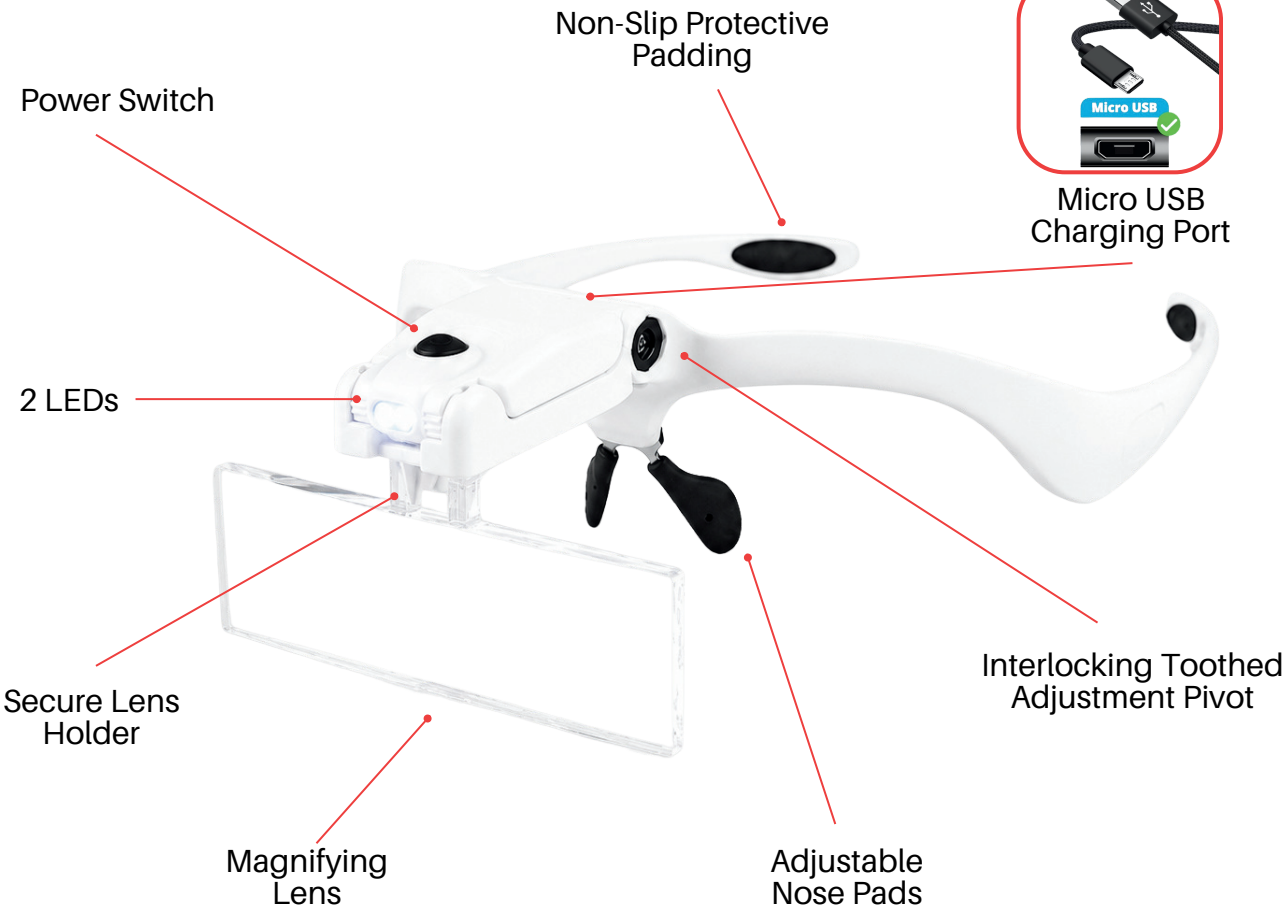
Charging Voltage : 5 V

Capacity : 150 mAh

OPTICAL CONFIGURATION

Lens Size	85 × 28.5 mm
Five Magnification Levels	1.0× · 1.5× · 2.0× · 2.5× · 3.5×
Corresponding Focal Lengths	500 mm · 330 mm · 250 mm · 200 mm · 140 mm

TECHNICAL OVERVIEW

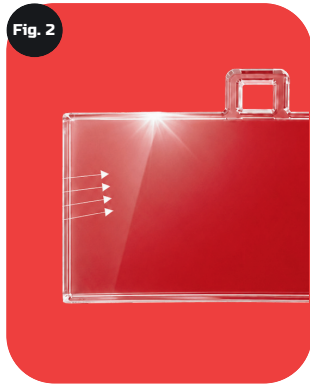




5 Interchangeable Lenses

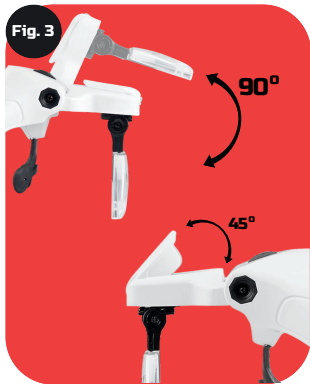
5 interchangeable lenses provide magnification for different viewing distances and precision requirements.

Magnification	Focal Length
1.0×	500 mm
1.5×	330 mm
2.0×	250 mm
2.5×	200 mm
3.5×	140 mm



5H Reinforced Lens Surface

The reinforced acrylic lens surface has a 5H hardness rating, helping improve scratch resistance, maintain optical clarity and provide greater durability during repeated use.



Adjustable Lens and LED Angles

The lens support adjusts through 90°, while the LED module tilts through 45°, enabling precise alignment for different viewing angles, working distances and precision tasks.



Micro USB Charging

The built-in rechargeable battery charges through the supplied USB-A to Micro USB cable and reaches full charge in approximately 1 hour.



LED Illumination and Power Switch

Two integrated LEDs provide two brightness levels, while the power switch cycles through low brightness, high brightness and off for different lighting conditions.



Non-Slip Protective Padding

Non-slip protective padding on the forehead contact points, spectacle arms and adjustable nose pads improves comfort, enhances grip and provides a more stable fit during extended use.



Interchangeable Wearing System

The detachable spectacle arms can be removed and replaced with the included headband, allowing the user to choose a more secure and comfortable wearing configuration.



Secure Lens Installation

The selected lens slides into the holder and is retained securely, allowing quick installation, stable positioning and convenient replacement when required.

OPERATING INSTRUCTIONS

- 1

Press the power switch to cycle through the lighting modes: low brightness, high brightness and off. (Fig. 5)
- 2

If the LED brightness decreases, recharge the unit. Adjust the LED module to the downward position, connect the Micro USB plug to the charging port and connect the USB-A plug to a suitable USB power source or adapter. (Figs. 3-4)
- 3

During charging, the indicator light is red. After approximately 1 hour of charging, the indicator turns green, indicating that charging is complete. (Fig. 4)
- 4

Do not use the LED illumination while charging, as this may cause excessive heat or damage to the battery or charging circuit.

USB POWER SOURCE / DEVICE PARAMETERS

Adapter Input Voltage	Frequency	Adapter Output Voltage	LED Power	Maximum Power Consumption
110-240 VAC	50 Hz	5 VDC	0.1 W	0.15 W

SAFETY PRECAUTIONS

- 1

Keep the magnifying lenses away from direct sunlight. Focused sunlight may create a fire hazard.
- 2

Never look at the sun through the magnifying lenses, as this may cause permanent eye damage.
- 3

Clean the lenses gently with the supplied wipe cloth.
- 4

For heavier marks, lightly dampen a soft, lint-free cloth with water and a small amount of mild detergent. Wipe again with a clean damp cloth and dry thoroughly.
- 5

Do not use alcohol, gasoline, solvents, abrasive materials or other harsh chemicals on the lenses or housing.