



Instruction Manual

EYEGLOSS LED MAGNIFIER

9892B2C1

PROFESSIONAL OPTICAL MAGNIFICATION SYSTEM

PRODUCT SUMMARY

EYEGLASS LED MAGNIFIER (POWER SWITCH)

Professional Optical Magnification System

Rechargeable Battery
Model : 602030

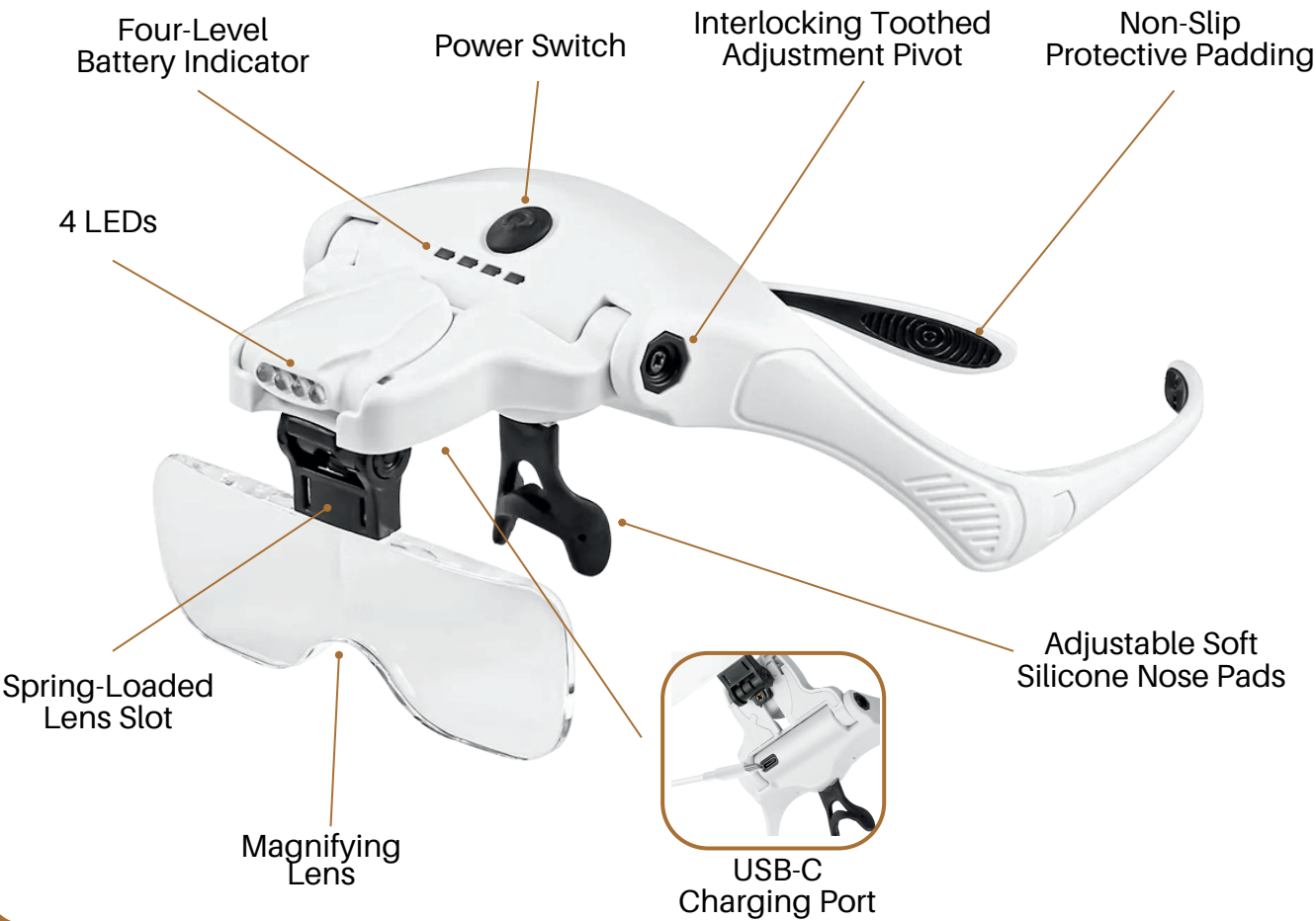
Voltage : 3.7 V

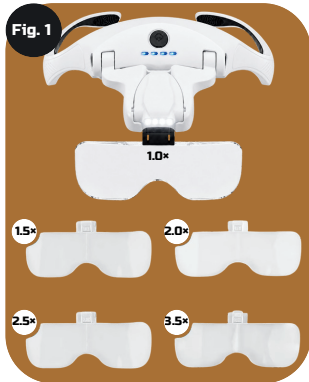
Capacity : 300 mAh

OPTICAL CONFIGURATION

Lens Size	95 × 34 mm
Five Magnification Levels	1.0× · 1.5× · 2.0× · 2.5× · 3.5×
Corresponding Focal Lengths	555 mm · 381 mm · 278 mm · 183 mm · 156 mm

TECHNICAL OVERVIEW





5 Interchangeable Lenses

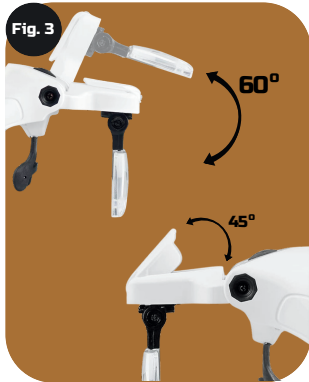
5 interchangeable lenses provide magnification for different viewing distances and precision requirements.

Magnification	Focal Length
1.0×	555 mm
1.5×	381 mm
2.0×	278 mm
2.5×	183 mm
3.5×	156 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 60°, while the LED module tilts through 45°, enabling precise alignment for different viewing angles, working distances and precision tasks.



USB-C Charging

The built-in rechargeable battery charges through the supplied USB-A to USB-C cable and reaches full charge in approximately 1.5 hours.



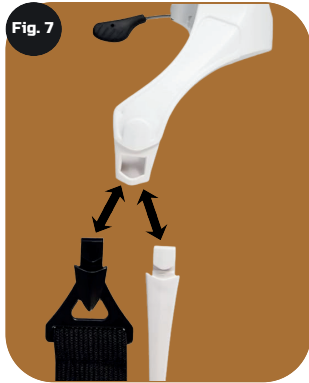
LED Illumination and Battery-Level Display

Four integrated LEDs provide low and high brightness, while four illuminated indicators display the remaining battery level and help monitor power status during operation.



Non-Slip Protective Padding

Non-Slip protective padding on the forehead cushion, spectacle arms and 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 by the spring clip, allowing quick installation, secure positioning and convenient replacement when required.

OPERATING INSTRUCTIONS

- 1

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

When only one battery-level indicator remains illuminated, recharge the unit. Connect the USB-C plug to the charging port and the USB-A plug to a suitable 5 V USB power source. (Fig. 4)
- 3

During charging, the four battery indicators illuminate progressively. A full charge takes approximately 1.5 hours. Charging is complete when all four indicators remain steadily illuminated. (Fig. 5)
- 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	0.28 W	0.42 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.