



Instruction Manual

EYEGLOSS LED MAGNIFIER

12539DC2

PROFESSIONAL OPTICAL MAGNIFICATION SYSTEM

PRODUCT SUMMARY

EYEGLOSS LED MAGNIFIER
Professional Optical Magnification System

Rechargeable Battery
Model : 602030

Voltage : 3.7 V

Capacity : 300 mAh

OPTICAL CONFIGURATION

Lens Size	125 × 39 mm
Five Magnification Levels	0.75× · 1.25× · 2.0× · 3.0× · 4.0×
Corresponding Focal Lengths	666 mm · 400 mm · 250 mm · 166 mm · 125 mm

TECHNICAL OVERVIEW



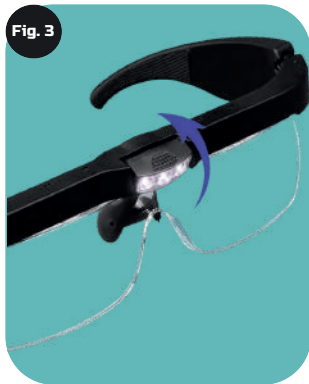


5 Interchangeable Lenses
5 interchangeable lenses provide magnification for different viewing distances and precision requirements.

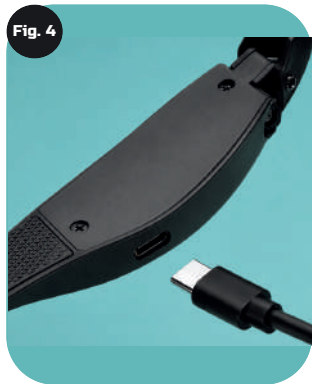
Magnification	Focal Length
0.75×	666 mm
1.25×	400 mm
2.0×	250 mm
3.0×	166 mm
4.0×	125 mm



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 LED Light Angle
The LED module can be tilted to direct light more precisely onto the observed area for clearer viewing during detailed 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.



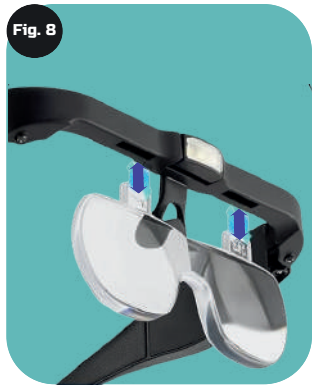
LED Illumination and Battery-Level Display
Three integrated LEDs provide two brightness levels, while four illuminated indicators show the approximate remaining battery level during operation.



Non-Slip Protective Padding
Non-slip protective padding on the forehead cushion, temple-contact areas and nose pads enhances comfort, improves grip and helps provide a more secure and stable fit during extended use.



Headband Configuration
The included elastic headband can be attached when additional stability is required, providing an alternative to the standard eyeglass configuration.



Secure Lens Installation
The selected lens slides into the mounting slots and locks securely in place, allowing quick installation, stable positioning and convenient replacement when required.

OPERATING INSTRUCTIONS

- 1

Press the power switch once for low brightness, a second time for high brightness, and a third time to switch the LED illumination 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 flash 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	Rated Power	Maximum Power Consumption
110-240 VAC	50 Hz	5 VDC	1.5 W	1.8 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.