

MG81007(RD)

5LED cold and warm light head mounted magnifier

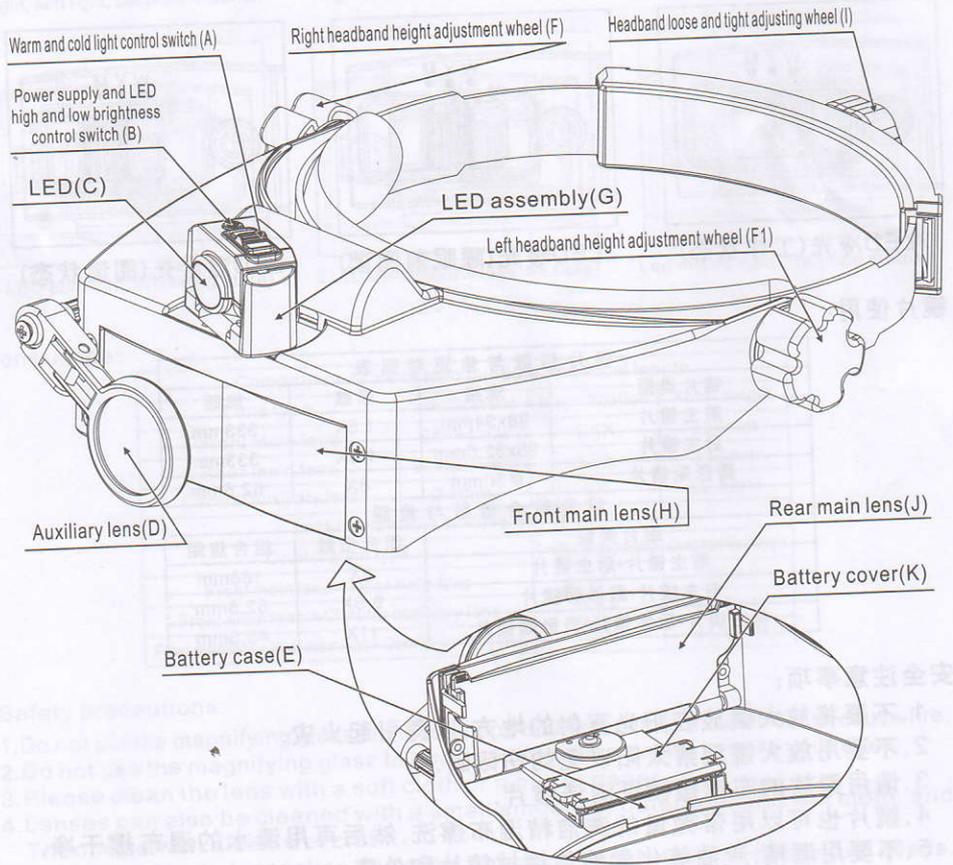
(Material: optical resin lens)

Widen the front main lens: 98x34mm 1.5X
Widen the rear main lens: 98x32.5mm 1.5X
Circular auxiliary lens: \varnothing 30mm 8X
Battery model: AAA Voltage: 1.5V Quantity: 3

When using this product, do not look directly at the LED light source for a long time to prevent eye injury. For your safety, please read this manual carefully before use, and please keep this manual for future reference.

Package contents:

Magnifier	1	Wipe lens cloth	1
Product manual	1		



Safety precautions

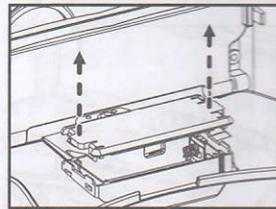
1. Do not stare into the magnifier.
2. Do not use the magnifying glass.
3. Please clean the lens with a soft cloth.
4. Lens may also be damaged.
5. Do not use alcohol, gasoline, etc.

Scope of application:

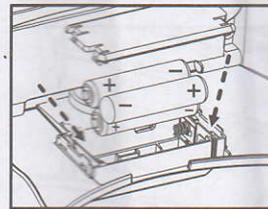
applicable to mechanical processing, electronic maintenance, jewelry identification, fishing, home threading, etc

Install the battery:

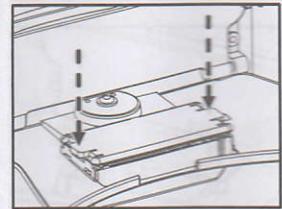
1. Open the battery cover (K).
2. Install three new AAA1.5V batteries according to the positive and negative identification at the bottom of the battery compartment (E).
3. Close the battery cover (K) and install the battery.



Open the battery cover



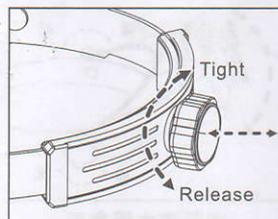
Install three new AAA1.5V batteries



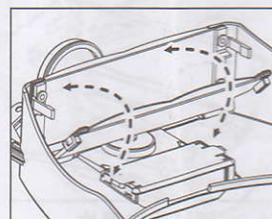
Close the battery cover

Operation guide:

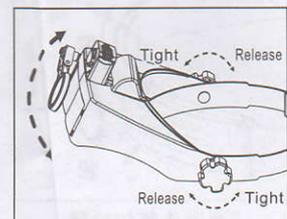
1. Headband adjustment method: when using the magnifying glass, first pull out the headband elastic rotation adjustment wheel (I) at the back of the headband, turn it anticlockwise to loosen the headband, turn it clockwise to tighten the headband, adjust the headband cover at the head to a proper size and press the adjustment wheel to lock the headband.
2. Lens angle adjustment method: turn the right head belt height adjustment wheel (F) anticlockwise to loosen; turn the left head belt height adjustment wheel (F1) clockwise to loosen, loosen the left and right head belt height adjustment wheels, then move the upper and lower corners of the cap shell to the appropriate field of view, and then tighten the left and right head belt height adjustment wheels.
3. Front and rear main lenses and auxiliary lens use methods:
 - a. observe the object through the front main lens (H). If the magnification is insufficient, the rear main lens (J) can be turned down at the back of the front main lens (H).
 - b. the secondary lens (D) can be used for magnification again.
 - c. when observing objects through lenses, the required lens magnification shall be confirmed according to the font size. When observing or reading, the lens shall keep a certain distance from the object to be observed. The actual distance can be referred to (comparison table of lens multiple and focal length). For example, 1.5x lens is used, and its focal length is 333 mm, that is to say, the lens and the object to be observed are kept at about 333 mm, and then the lens observation shall be properly adjusted to The clearest distance shall prevail.



Adjust the looseness and tightness of the headband



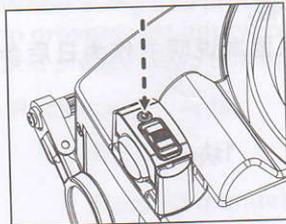
Adjustment rear main lens



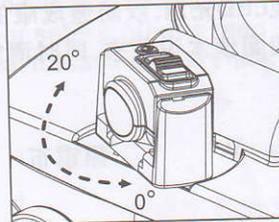
Adjust magnifier angle

4. LED brightness and color temperature regulation:

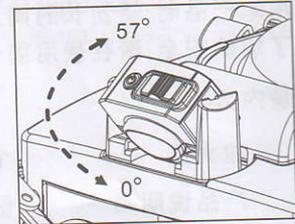
- a. Turn on the power supply above the LED assembly (g) and the LED high and low brightness control switch (B), turn on the LED lamp (C). (press the power switch once to turn on the soft light, and press the power switch twice to turn on the high light).
- b. Push the warm and cold light control switch (A) on the LED assembly (G) to switch the LED (C) light source to cold light, warm light and mixed light.
- c. Rotate the LED assembly 20 degrees to the right, and then turn the LED shell on the LED assembly forward 0-57 degrees. In this state, it is only suitable for working with 8 times of the lens. For general reading or observation objects, only turning the LED shell forward 0-57 degrees can illuminate the required angle.
- d. After use, press the power switch (B) to turn off the LED (C).



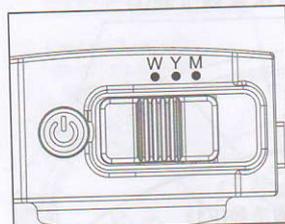
Light, soft light, conversion switch



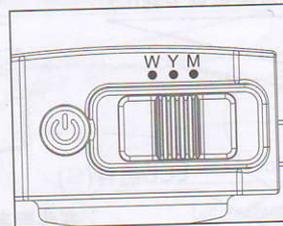
Light source right adjustment



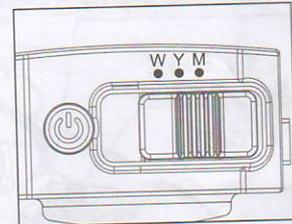
Adjust the up and down angle of the light source



3 LED cold light (Working state)



2 LED warm light (Read before sleep)



LED mixed light (Reading status)

Lens usage:

Comparison table of lens multiple and focal length			
Lens type	Specifications	Magnification	Focal length
Front main lens	98x34mm	1.5X	333mm
Rear main lens	98x32.5mm	1.5X	333mm
Circular auxiliary lens	∅30mm	8X	62.5mm
Lens combination multiple and focal length			
Combination type		Combination magnification	Combined focal length
Front main lens + Rear main lens		3X	166mm
Front main lens + Circular auxiliary lens		9.5X	52.5mm
Front main lens + Rear main lens + Circular auxiliary lens		11X	45.5mm

Safety precautions:

1. Do not put the magnifying glass in the direction of direct sunlight, so as not to cause fire.
2. Do not use the magnifying glass to observe the sun so as not to burn your eyes.
3. Please clean the lens with a soft cloth or a mirror paper.
4. Lenses can also be cleaned with a small amount of detergent and wet cloth, and then wipe with clean wet cloth.
5. Do not use alcohol, gasoline and other chemical liquids to wipe lenses and shells.