



Double multiplier available  
Total 23x

8X

15X

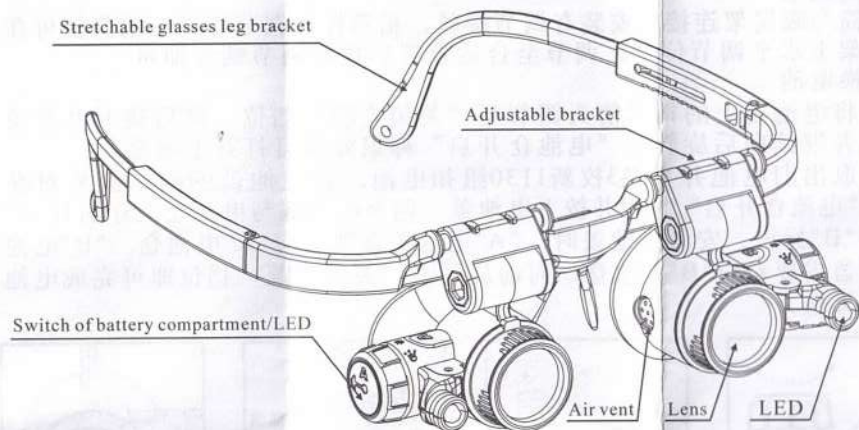
Removable lens

NO.9892H-1

# LED Timepiece Repair Magnifier

(Material: optical resin lens)

Magnification: Main lens 8x    Extended lens 15x    Max. magnification 23x  
Focal length: Main lens 62mm    Extended lens 33mm    Combined focal length 21mm



## Application Range:

mechanical processing, electronic repair, jewelry appraisal, timepiece repair and micro sculpting etc.

## Product Features:

1. Left and right sides of glasses bracket is installed with two LED magnifying eye patches, each of which is attached with one 8x lens. And 15x extended lens can be installed to realize magnification 23x. Alternating use of two barrels can alleviate visual fatigue, and improve work efficiency. In time of non-use, it's only required to turn lens barrels upwards instead of taking down glasses.
2. Separate design of LED lamp holder and control switch battery compartment can avoid changing irradiation point when operating switch. It's not required to check irradiation point again in time of repeated use.
3. LED light source has two-gear adjusting functions to respectively adjust LED to soft light and bright light, and meet different light ray conditions.
4. Glasses bracket length is adjustable. Users can adjust bracket length according to his facial form to make wearing more comfortable.
5. Nose pad is adjustable. Users can adjust nose pad according to shape of nose bridge to meet the needs of all kinds of people.
6. Lens barrel position can be adjusted by moving 5mm horizontally left and right on bracket. Adjustment can be made according to facial form width and two-year distance to ensure eye patches are in the central position of eyes.
7. Eye patches can be rotated up and down at 180° on bracket so that it's not required to take down whole magnifier frame in time of non-use, and make it easy to use next time.

## Operating Methods:

### 1. Light Source Switching:

- A. Battery compartment has 3-gear scale marks to respectively denote "Close light source", "Soft light" and "Bright light". Indicating arrow on battery cover can be rotated to aim at non-use scale mark to switch light source.
- B. Push LED lamp holder toward lens barrel. At this time, lamp holder is closer to lens, which can enhance lighting effect.

### 2. Installation and Disassembling of Lens:

- A. Extended lens can be installed when magnification needs to be increased. Outer frame edge of extended lens has convex mark, aim it at lens mounting groove of lens barrel, then put extended lens inside, finally tighten it up to the right.
- B. When extended lens needs to be disassembled, unscrew extended lens to the left and take it down.

### 3. Bracket adjustment:

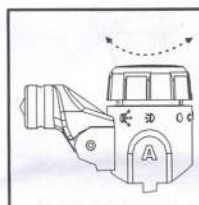
Inner side of glasses leg has convex mark, aim it at scale groove below inner side of bracket to pull out or push in to adjust length of glasses leg.

### 4. Lens barrel adjustment:

Lens barrel and glasses bracket are installed with regulating screw. After slightly unscrewing regulating screw, lens barrel can be adjusted horizontally on bracket. Tighten up regulating screw when lens barrel is adjusted to appropriate position.

### 5. Replacement of Batteries:

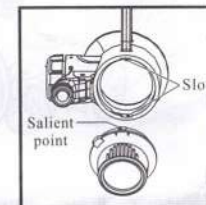
- A. Adjust indicating arrow on battery cover to "Close light source", then press battery cover to continue to rotate backwards to "Open battery compartment" to open battery compartment.
- B. Take out old batteries and put three 1130 new button batteries inside, aim indicating arrow on battery cover at "Open battery compartment" and press battery cover. Two battery covers and battery compartments are marked with "A", "B". In time of installing battery cover, it's required to match battery cover "A" with battery compartment "A" while matching battery cover "B" with battery compartment "B", rotate forwards to "Close light source" to finish replacing batteries.



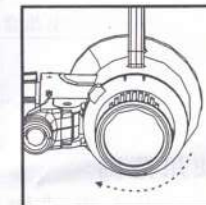
Light source switching



LED lamp holder is adjustable



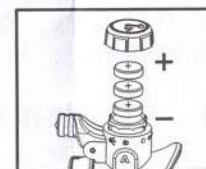
Aim convex point on lens barrel at lens frame slot to install it inside



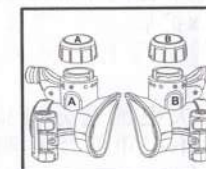
Rotate clockwise to locked position for disassembling according to opposite sequence



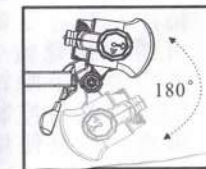
Press to rotate 30° anticlockwise to open battery compartment



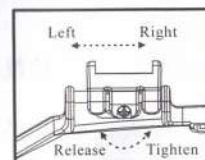
Take out three old LR1130 batteries and put new batteries inside



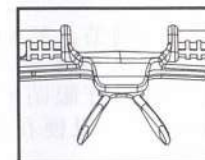
Battery cover must be installed correspondingly to battery compartment



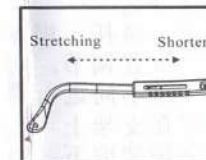
Lens barrel can be adjusted up and down



Lens barrel can be adjusted horizontally after regulating screw is unscrewed.



Nose bridge bracket is adjustable



Length of glasses leg bracket is adjustable

## Safety precautions:

1. Don't put the magnifying glass in the direct sunlight so as not to cause fire.
2. Don't look at the sun with a magnifying glass so as not to burn your eyes.
3. Don't wipe the lenses and shells with alcohol, gasoline, and other chemicals.

