

Headband Examination light

USER MANUAL



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I Brief introduction

Headband examination light (hereinafter referred to as "headlight") is mainly composed of lamp holder, fixed fixture, current limiter, USB line and mobile power supply .

It adopts 3w LED as light source, with high brightness , high CRI and long life. Its designed by optical structure, the light distribution is uniform, light spot is clear and bright. And, physical heat dissipation design is adopted. It can be clamped on the glasses frame or inserted into the magnifying glass bracket.

This product is equipped with current limiter with three levels of brightness adjustment, compatible with all brands of DC5V mobile power supply.

Its suitable for ENT, dental, aesthetic, outpatient, ophthalmic and surgical deep local illumination.

II Performance summary

The design and production of this headlight strictly executes the first part of the safety requirements of medical electrical equipment GB9706.1-2007: General Requirements which can guarantee the safety.

III Basic parameters

1. Voltage of power supply: DC5V
2. Bulb specification: LED 3W
3. Bulb color temperature: 4000~5500K
4. Power supply time: ≥8h

IV Security tips and symbol instructions (Picture 1)

1. When the headlight is in use, basic safety precautions should always be followed to avoid risk of fire or personal injury.
2. please read the instructions carefully and follow them.
3. Maintenance should be operated by professional personnel. It is recommended that the operator wear an electrostatic ring for work.
4. When the battery is low, charge it in time
5. Do not put the mobile supply into fire or close to high temperature place, otherwise there will be risk of explosion.
6. Illustration of symbols:



V Working environment requirement

Environment temperature: -5℃ ~40℃
Relative humidity: 35%~75%
Atmospheric pressure: 700hPa~1060hPa

VI Product interface



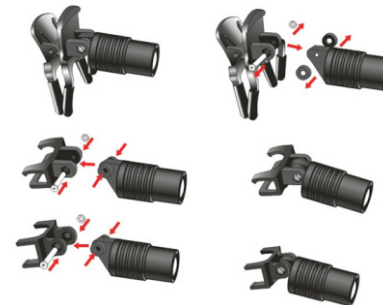
- ①lamp holder ②angle adjusting joint ③clamp
④current limiter ⑤touch switch ⑥cable interface ⑦cable plug ⑧cable ⑨USB plug ⑩mobile power supply ⑪USB interface ⑫charging interface ⑬power indicator ⑭power switch

Picture 1

VII Usage

1. Connect cable plug⑦ of cable⑧ to cable interface⑥ of current limiter④, then connect USB plug⑨ to USB interface⑪ of the mobile power supply⑩, press power switch⑭ of mobile power supply⑩ [Note: when the power supply is in hibernation state], power indicator⑬ will light up, then press touch switch⑤ on current

- limiter ④, the light will light up.
2. It has three-way touch brightness adjustment, brightness is the maximum after first touch, brightness decreases after second touch, brightness decreases again after third touch, and it turns off after the fourth touch.
3. The dentist can install the filter on the lamp holder to delay the curing time of the repair material.
4. At the end of surgical examination, unplug USB plug⑨ [Note: Do not often move the power plug of cable interface ⑥.] or press power switch of mobile power supply⑩ to turn off the power, so as to prevent the headlight from being lit up again by mistake.
5. When you need use it with the magnifying glass, you can remove the clamp and install the corresponding fixture [Note: The fixture is designed according to the size of our two kinds of magnifying glass brackets] and insert it into the magnifying glass bracket for use, as shown in Picture 2.



Picture 2

VIII Attentions

1. When the brightness of the headlight decreases significantly, charge it in time.
2. Do not use liquid or spray cleaner to clean the product.
3. When the mobile power supply is insufficient of power, it need to charge in time, otherwise it may be scrapped!
4. When the headlight is stored and not in use, it should be charged once every 3 months,

otherwise the mobile power supply may be scrapped!
5. Service life of mobile power supply is about 500 times of continuous charge and discharge. Put the discarded mobile power supply into the designated waste box and dispose of it according to local environmental regulations.

IX Failure judgment and eliminating methods

Fault phenomena	Reason	Solution
Turn on the switch, the light doesn't work	1. The mobile power switch is not on	Press power switch ⑭
	2. USB plug is not connected properly	Reconnect USB plug⑨ to mobile power port
	3. Power supply is out of battery	Charge as soon as possible
	4. Mobile power supply is damaged	Replace mobile power supply with the same specifications
	5. Bulb damage	Replace bulb with the same specification

X Bulb replacement

The bulb of this headlight is LED liquid crystal light bulb, normal life is up to 10000 hours, no need to replace normally. In case of any failure, please inform manufacturer in time for proper handling.

XI After-sales service and warranty instructions

◆ The product warranty period is 18 months from the date of delivery.

◆ During warranty period, in normal used, any failure caused by product quality problems can be repaired free of charge by warranty and purchase invoice.

◆ Bulbs are consumable accessories.

◆ Without our permission to modify or install other functions, is not covered by the warranty.

◆ If the model, number and date of manufacture marked on the product are changed, deleted or unrecognizable, will be treated as non-warranty products.

◆ Failure caused by falling, extrusion, soaking, damp and other human factor is not within the scope of warranty.

◆ Production date is shown on the product label. Service life is 5 years, lifelong maintenance service is provided.

XII Transportation and storage condition

Environment temperature: -40°C~55°C

Relative humidity: 30%~80%

Atmospheric pressure: 500hpa~1060hpa

XIII Warranty card and Maintenance card

Warranty card

Company name:			
Address		Phone No.	
Product name	Model		
Serial Numbe	Manufacture date		
Sale date			
Fault description:			
Remark: The warranty of our products is 18 months since release date. Please keep the certificate and instruction properly, and send it back with the product when repairing.			

(Please fill in the form truthfully, cut it according to the dotted line and send it back to our company, thank you for your cooperation)

Maintenance card

Company name:			
Address		Phone No.	
Product name	Model		
Serial Numbe	Manufacture date		
Sale date			
Fault description:			
Note: if you use this card beyond warranty period, you can enjoy 30% discount repair service			

XIV Configuration list

NO.	Name	Specification	Quantity	Remark
1	Headlight	3W	1	
2	Power	5000mA	1	
3	Cable	USB	1	
4	Filter	---	1	
5	The joint for One-way Screw Thread Loupe	---	1	
6	The joint for Two-way Screw Thread Loupe	---	1	
7	Standard parts	M2*12 Hex socket stainless steel screws	2	
		M2 Stainless steel hexagon nut	2	
8	Tool	1.5# Hexagon wrench	1	
9	Wiping cloth	170*145mm	1	
10	Zipper bag	185*110*80	1	
11	User manual	---	1	
12	Quality certificate	---	1	

Notice: Please check the goods according to the configuration list within 3 days after receiving the goods.

2023-02-09 version 1