ESC®
MEDICAMS

LED Light Headlamp

Instruction Manual

INTRODUCTION

Congratulations on the purchase of your new ESC Medicams LED Light Headlamp.

This manual is designed for the 10W LED Light Headlamp from ESC Medicams.

Please be sure to take a few minutes to familiarize yourself with the features and functions of your new headlight.

If you'd like more information on ENT products or accessories, please visit our website at:

www.escmedicams.com

We highly recommend reading this manual thoroughly before using this product, and that it be kept on hand for future reference. If lost or forgotten, a new copy can be downloaded from our website.

Please keep all packing materials, as they are required for any warranty service to guarantee safe shipment to and from our location.

If you have additional questions or need assistance, please do not hesitate to email us at:

info@escmedicams.com

Or give us a call or Whatsapp at:

+91-9818100144

⚠ IMPORTANT ⚠

IMPORTANT SAFETY NOTICE:

1.) Before operating this device, please read this operating manual thoroughly and carefully.

2.) The product has been designed to function safely when at an ambient temperature between +10ºC and +35ºC.

3.) Use only ESC charger supplied. Keep batteries at Room Temperature.

4.) Dispose of battery in line with local regulations on recycling batteries.

5.) Li-Ion batteries contain no toxic heavy metals, such as mercury, cadmium or lead.

6.) Keep out of the reach of children.

7.) Do not place batteries in direct sunlight.

8.) Store batteries away from anything that can catch fire

⚠ WARNING ⚠

To avoid potential serious injury to the user and the patient and/or damage to this device, please note the following warnings:

1. Read this operating manual thoroughly, especially the warnings, and be familiar with its contents before connecting and using this equipment.

2. Do not use if the product is damaged and periodically inspect for signs of damage

3. Do not shine directly in a person's eye.

4. Do not stare into the light when in use. May be harmful to eyes.

5. Be a qualified physician, having complete knowledge of the use of this equipment.

6. Test this equipment prior to any procedure. This unit was fully tested at the factory before shipment.

7. Never use this equipment in the presence of flammable or explosive gases.

8. Do not fit mains power adapter into a damaged mains outlet socket.

9. There are no user-serviceable parts inside the device. Contact authorised Service representative for further information.

⚠ WARNING ⚠

10. Avoid dissembling any part of the headlight, as doing so may break the seals, causing leakage and/or electric shock.

11. Attempt no internal repairs or adjustments not specifically detailed in this operating manual.

12. Pay close attention to the care and cleaning instructions in this manual. Any deviation may cause damage.

13. Misuse of the battery can cause the battery to become hot, explode, or ignite and may cause serious injury.

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1. COMPONENTS

1.) Battery Box

2.) Headband with LED.

3.) Charger

4.) USB Cable.

5.) Instruction Manual.

6.) Zip Bag

2. CONTROLS AND CONNECTORS

3. CHARGING THE BATTERY

- The battery is not completely charged on delivery.
- The battery must be charged for at least 5 hours before its first use.
- Beyond the initial charge, no battery conditioning is required

1. Plug the charger into the battery pack.
2. Plug the charger into the electrical outlet.
3. While charging, the light on the battery box will show red. If it is not turned Red then please check that Charger is connected firmly to electrical outlet other wise battery will not get charged.

☞ **NOTE !**

When the battery is fully charged, Status of Charging indicator on the battery box will not change. It will remain RED, as long as charger is connected to battery box . If you remove the charger then it will turn off.

It is recommended not to charge the battery for more than 8 Hours.

For long battery life, It is recommended to charge the battery only after it is charged.

4. USAGE

1. After charging the battery completely, place the battery on headband by sliding it on the battery slot. Make sure that battery box is slided till the end of the battery slot and is firmly fixed.
2. Adjust the size of the headband using the knob on the top and backside to make sure that it sits on your head comfortabily and firmly.
3. Adjust the LED Light knob and loupe (if available) as per your vision.
4. Switch on the LED Light by rotating the knob on the battery box. Intensity of the light can be adjusted by rotating the knob.

☞ **NOTE !**

Usage time of the light is upto 2.5 - 3 Hours per charge. Usage time may reduce over the time upon usage and charging of battery.

If light flickers, make sure the battery box is firmly slided on and presed against the battery slot of the headband

5. CLEANING

1. The headlight is manufactured using only high-quality components. This is an optical precision instrument that must be cleaned and handled with the care.
2. Basic contaminations may only be removed with a soft, clean, dry cloth in order to avoid scratching the lenses.
3. Do not immerse the headlight in water, sterilization fluid or ultrasound cleaning solutions. The product is not waterproof.
4. Only use disinfection cloths for severe contamination. Disinfection spray must not be used under any circumstances to avoid severely damaging the light.
5. Wipe the external surface with a clean absorbent, nonshedding cloth dampened with a water / detergent solution (2% detergent by volume) or water / isopropyl alcohol solution (70% IPA by volume). Avoid optical surfaces.
6. Ensure that excess solution does not enter the instrument. Use caution to ensure cloth is not saturated with solution.
7. Do not operate LED light until thoroughly dry.

6. WARRANTY

ESC Medicams will provide a 1-year limited warranty against manufacturing defect .

Batteries are not covered under warranty.

NOTE: The battery pack will need to be replaced periodically as it reaches its maximum number of charging cycles and is not covered under warranty.

As part of our continued product development we reserve the right to amend specifications at any time without prior notice.

7. TECHNICAL SPECIFICATIONS

- High Power LED :- 10 Watt
- Mini portable wireless design
- High Illumination :- 1,10,000 lux
- Battery :- Rechargeable Li-Ion
- Bulb Life : - 50000 Hours
- Light Spot Diameter :- 70 mm Approx.
- CRI <= 90
- Color Temperature :- 5700k
- Working Hour per charge:- 2.5 - 3 Hours
- Charging time :- 5 Hour
- Light Intensity :- Adjustable
- Light Spot Size :- Adjustable / Fix
- Voltage :- DC3.7 Volt
- Extra Battery Optional

8. CONTACT INFO

Name :

Rohit Verma - Manager
Ph: +919818100144

Abhishek Awasthi - Technical Support
Ph: +918178050185

Address:-

157, Old Lajpat Rai Market, Chandni Chowk,
Delhi , India - 110006.

Email :-
info@escmedicams.com
sales01@escmedicams.com

Website:-
www.escmedicams.com