

## Warranty

PeriOptix warrants its products to be free of original defects in material and workmanship when used for intended purposes.

### Warranty Exclusions:

- Breakage or failure due to tampering, misuse, neglect, accidents, modification or shipping.
- If the instrument is not used in accordance with manufacturer's recommendations or instructions.
- If repaired or serviced by other than PeriOptix or a PeriOptix authorized representative

Prompt inspection and reporting of missing or damaged product should be reported to shipping carrier and PeriOptix within 3 days of receipt of product.

If PeriOptix® products or any component thereof is found to be defective or at variance with the instrument or component(s) at no cost to the purchaser. This warranty only applies to products purchased new from PeriOptix or its authorized distributors or representatives.

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For any questions or problems, please contact your local distributor or call PeriOptix Customer Care at 1-888-360-0033 or (+1) 949-366-3333 outside the US between the hours of 8am to 4pm (Pacific Time) Monday-Friday.



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# PeriOptix

solutions in magnification  
and portable LED illumination

## Instructions for Use Solaris™ LED Portable Headlight System



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## Device description and intended use.

The Solaris portable LED (light emitting diode) headlight is a fully portable lighting system that is worn by the clinician and is intended to illuminate the operative field during diagnostic or therapeutic procedures. It can be worn on a headband or attached to all types of surgical loupes. It is powered by a small, lightweight battery pack that is clipped to the clinician's waist. The rechargeable Lithium Ion battery provides more than 4 hours of bright, focused light between charges.



**Precautions:** Avoid shining light directly in eyes. Do not immerse any of the components in liquid.

### 1. Charge batteries.

- a. Plug the Power Adapter (4) into a power outlet and connect to Charger Unit. A single red light will indicate power to the Charger.
- b. Slide one of the batteries (1) into the Charger Unit (3). Make sure the battery is lying flat on the Charger base prior to sliding it forward to engage charger terminals. Note: Pushing the battery forward without keeping it flat may damage charger pins.
- c. The following lights on the Charger Unit indicate the battery charge status:

One red light. 	<b>Power on.</b> The Charger Unit is receiving power. No battery is connected.
Two red lights. 	<b>Charge mode.</b> The battery is low and charging.
One red light, one green light. 	<b>The battery is charged and ready for use.</b> The battery will continue to charge in a "trickle mode" to maximize battery charge.

If a battery is left in the charger for a significant period of time after it is fully charged, the green light will go out and the following lights will display.

Two red lights, one flashing and one solid. 	<b>Charging stopped.</b> Trickle charge stopped.
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### 2. Mounting the Light Loupes.

Attach the Solaris lamp head to loupes using the supplied mount.

- a. For PeriOptix, Surgitel, Orascoptic and other flip style loupes. Slide clip onto front of interpupillary cross bar of loupes, with one circular cut out on top and one cut out on the bottom of the cross bar. The clip should securely snap into place.
- b. For through-the-Lens (TTL) solid bridge mount. Loosen the thumb nut on Bridge Clamp, opening the two halves wide enough to engage the top and bottom of frame nose bridge. Attach the clamp to the bridge so that the grooves in the jaws grab the top and bottom edges of the bridge and then tighten nut. Note: the tightening nut should be oriented up (towards the ceiling) when the clamp is attached to the nose bridge.
- c. For Universal Mount attachment to eyeglass frames. Open the clip and slide down over the top of the nose bridge. The padded arms of the clip should grasp each side of the eyeglass lenses. Tighten thumb screw to secure clip to frame.
- d. Headband. The LED lamp comes attached to the Freedom™ Headband.
- e. For Zeiss Prismatic loupes. Use the two provided screws to attach the mount plate to the front of the central barrel of the loupes. It may be necessary to rotate the center barrel so that the screw holes are in the 3 o'clock and 9 o'clock positions.

3. Remove battery from Charger unit and slide into the Power Pack. The battery should snap into place. Make sure battery is lying flat on the power pack base prior to sliding it forward to engage terminals.

4. Clip the power pack to your waist band or pocket.

- a. Attach the Lamp Cord to the loupe frames with the small elastic strap.
- b. Use the Shirt Clip on the Lamp Cord to position the cord on your shirt or lab coat as desired.

5. Turn on lamp using on/off switch.

- a. The intensity control knob will adjust lamp intensity.

6. Adjust the direction of the LED beam.

- a. To adjust the tension of the lamp head position, use the supplied Phillips screwdriver to tighten or loosen the two (2) small link screws as needed.

7.  When not using your light, store in a safe, protected place. Avoid moisture and keep in a dry environment.

8.  Recycle. Please recycle old batteries.

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