

ALPEN OPTICS AP-800 LED Rechargeable Tek-Light User Manual

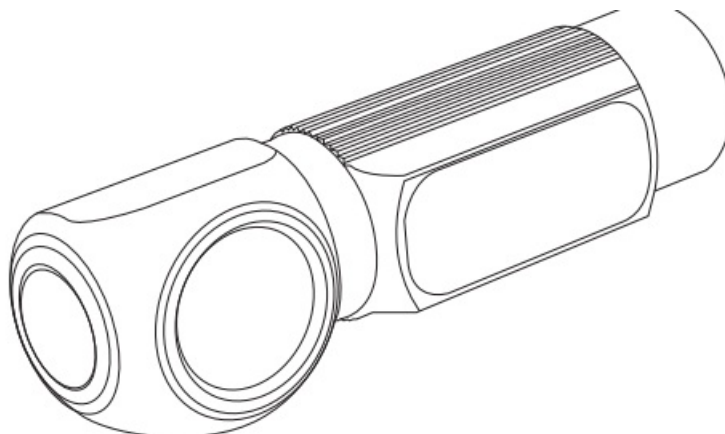
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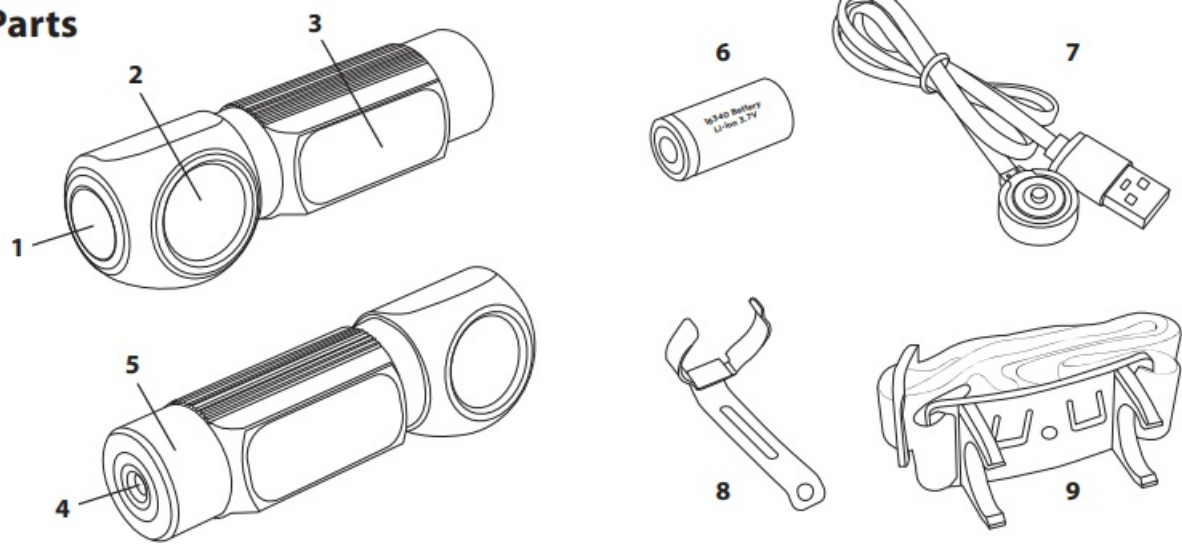


ALPEN OPTICS AP-800 LED Rechargeable Tek-Light



Parts

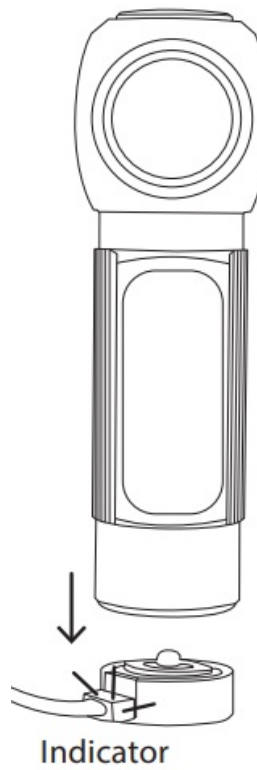
Parts



1. Power button
2. Flashlight (White)
3. Floodlight (White/Red)
4. Charging Port/Magnetic Base
5. Battery Cap
6. Rechargeable Li-ion 3.7V Battery (16340)
7. USB Charging Cable w/Magnetic Head
8. Body Clip
9. Headband

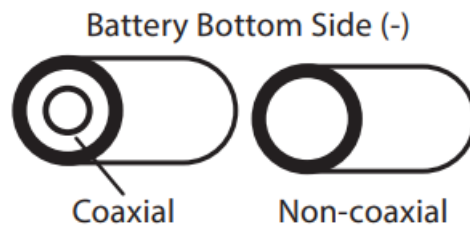
Charging the Rechargeable Tek-Light

- The Tek-Light uses a magnetic charging head to recharge the included battery.
- To recharge the battery, plug the USB charging cable into a power source and attach the magnetic head to the magnetic base of the Tek-Light.
- The indicator displays blue when connected to a power source, turns red when charging, and back to blue when fully charged. Max charging time is about 2 hours.
- It is recommended to regularly charge the Tek-Light after months of storage to maintain optimal battery performance.



Battery Replacement

Unscrew the battery cap, remove battery, insert the new battery with the anode side (+) towards the inner side, then screw the battery cap back on. It is recommended to use a coaxial rechargeable Li-ion 16340 3.7V battery. Battery Bottom Side (-) **NOTE:** If non-coaxial battery is used, the included charger will not charge the battery and will need to be charge per battery manufacturer's guidelines.

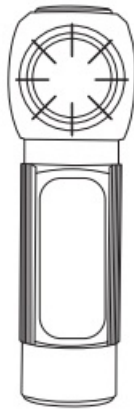


WARNING: Avoid charging non-rechargeable batteries.

Output Selection

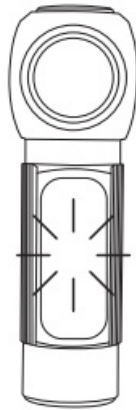
With the Trek-Light switched off, press the Power button to turn on and cycle through each light mode, 1-6.

Flashlight Modes

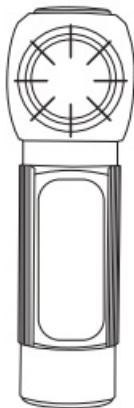


OFF
Press 1 - High Mode
Press 2 - Low Mode

Floodlight Modes

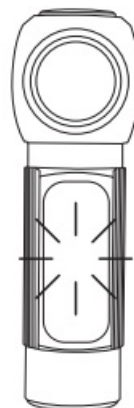


Flashlight SOS White



Double Press

Floodlight SOS Red



Long Press

Specifications

| | Flashlight | | Floodlight | | |
|-------------------|---|----------------|---------------|--------------|----------------|
| | High | Low | High | Low | Red |
| Lumens | 500 | 100 | 250 | 55 | 30 |
| Runtime | 1.5 hr | 3-4 hrs | 3 hrs | 5 hrs | 5 hrs |
| Distance | 100 m 325 ft | 40 m 131 ft | 18 m 59 ft | 8 m 26 ft | 6 m 19.6 ft |
| Impact Resistance | 1 meter | | | | |
| Weatherproof | IPX4; splash resistant | | | | |
| Size | Length: 3.5" (89mm) Width: 1" (24mm) Height 1" (24mm) | | | | |
| Battery | Rechargeable Li-ion 16340 3.7V | | | | |
| Charge Time | 2 hours | | | | |

Warranty

Limited 1 Year Warranty once registered within 60 days of purchase from Explore Scientific, LLC. Visit explorescientificusa.com/productregistration or scan the QR code to register your product online and familiarize yourself with the applicable warranty coverage.



Documents / Resources

| | |
|--|---|
| | ALPEN OPTICS AP-800 LED Rechargeable Tek-Light [pdf] User Manual AP-800 LED Rechargeable Tek-Light, AP-800, LED Rechargeable Tek-Light |
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References

- [Explore Scientific Eyepieces, Telescopes, Microscopes & STEM Supply](#)