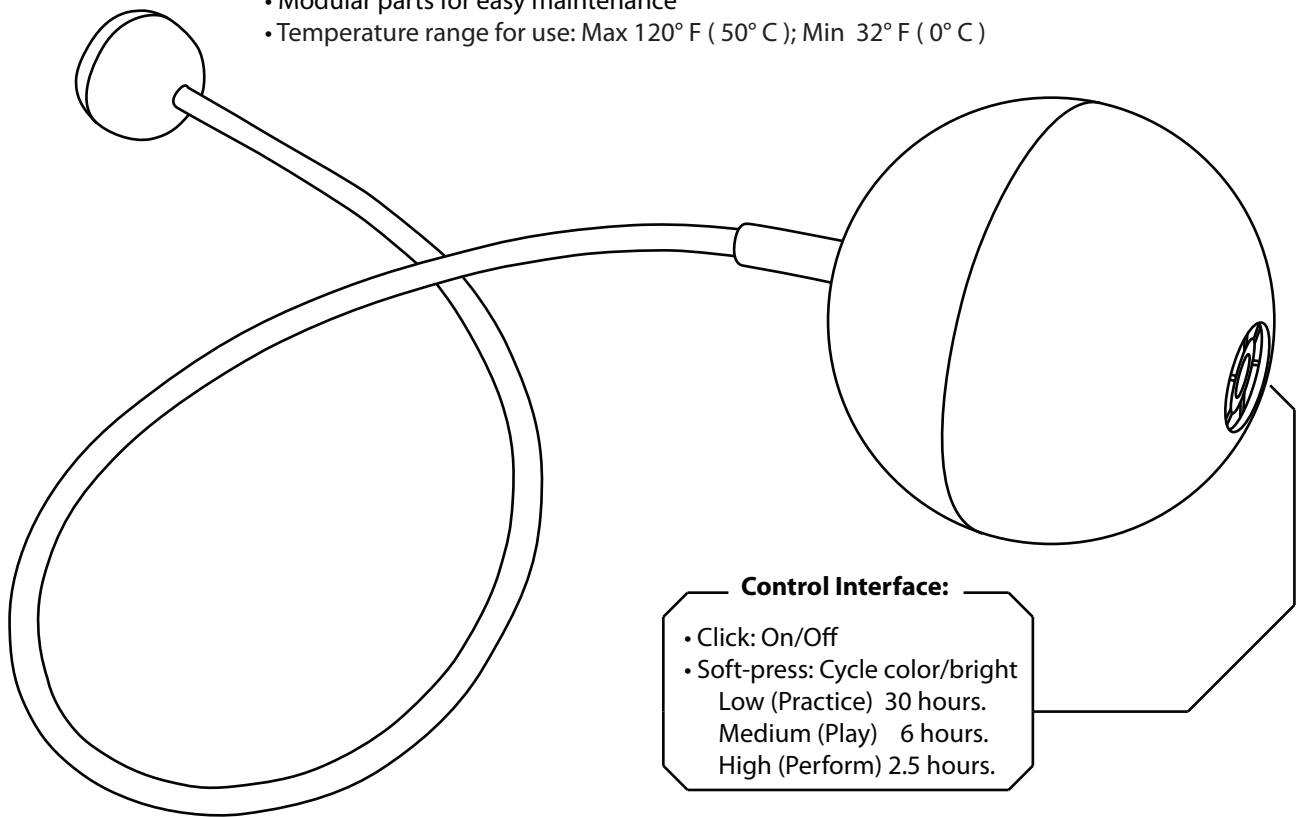


LanternSmith SpinOptic Poi/Hammers/Darts

Features & Specs:

- Ultra flexible & resilient 1/4" Dia. fiberoptic tether w/swivel mount to head
- Illuminated handles for tosses & contact manipulations
- 3 Brightness modes: Low (Practice) Medium (Play) High (Perform)
- Ultra-efficient LED - 165 lumens max output for 2.5 hours
- 11 bright color modes
- 90mm diameter spherical Umoja OR streamlined Ovo heads
- Head weight: ~180 grams (6.5 ounces)
- Water & shock-resistant electronics + high-strength aluminum body
- 3.7v - 850 mAh, removeable/rechargeable 18350 Li-Ion battery
- 2.5 - 30 hours continuous runtime (depending on mode)
- Modular parts for easy maintenance
- Temperature range for use: Max 120° F (50° C); Min 32° F (0° C)



Use Notes & Tips:

Keep a second set of batteries at the ready:

- Since the batteries are removeable, you can charge a drained set while using a second set to minimize downtime.
- SpinOptics are designed to discharge at full power in approximately the same time it takes to charge a set of batteries.

The power button is designed to prevent accidental presses:

- To click it On/Off may require more force than expected - firmly press the center of the button with the tip of your finger.

Take care to match the brightness setting on each head when powering up:

- Taking a moment to match brightness settings helps to avoid draining the battery in one head much sooner than the other(s)

For optimal battery care:

- Use until 0-25% charge, then recharge immediately.
- Prolonged storage in drained state may reduce the life of the battery.

Color & Brightness Menu Instructions

Powering the unit "ON" and "OFF" is achieved by "clicking" the button, like a flashlight:

- Try pressing the center of the button with the point of your finger until it clicks
(it's designed to be hard to turn on accidentally so you'll have to push pretty hard)

The menu is controlled by "soft-pressing" the button so it cycles the power, but doesn't "click" like a flashlight:

- Try pressing the button with the flat of your finger so that it doesn't "click" but still power-cycles - *this is how you control the menu*
- You can rapidly navigate the menu with the flat of your thumb without worrying about accidentally clicking it OFF

Everytime the LED module powers up, it flashes a 4-second color and brightness menu, then locks the system:

- The menu starts at powerup, flashes several times, then locks
- First, click the LED "ON" - then observe that it flashes several times over a few seconds, and then stops flashing
- Now soft-press the button once and observe that it flashes the same way again
- There are two groups of flashes:
 - The first is a group of between one and four flashes that displays battery voltage
 - The second single flash indicates the menu locking - the button won't change anything if you press it after this flash

Adjusting Color

Color is adjusted by soft-pressing the button BEFORE the first flash:

- Soft-press the button once, *then immediately soft-press it again* (before any flashes) to change color
- You can cycle quickly through the colors by repeatedly soft-pressing the button, you have to press *before* that first flash
- There are 11 colors that loop in a cycle through the rainbow: Yellow-Lime-Green-Teal-Skyblue-Blue-Purple-Pink-Red-Orange-White
- When you stop, the light will flash for a moment, then stop flashing, indicating that the mode has locked and the menu is closed
- If you press the button AFTER it locks, notice that NOTHING changes - you have to press the button once to unlock it and then press again to start changing colors.

Adjusting Brightness

Brightness is adjusted by soft-pressing the button AFTER the first flash and BEFORE the last flash:

- Soft-press the button once, *wait until you see the first flash, then immediately soft-press the button again to change brightness*
- There are three brightness levels: High (2.5 hours of battery); Medium (6 hours of battery); and Low (30 hours of battery)

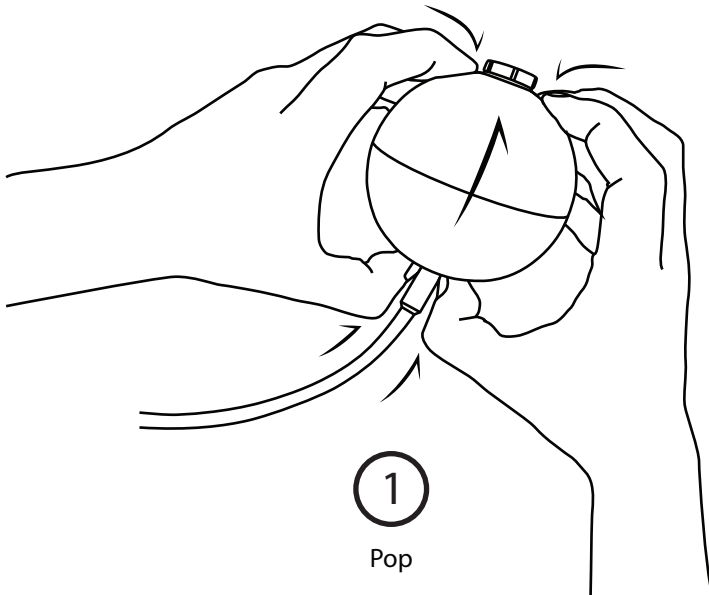
Checking Battery Voltage

By counting the flashes as the menu cycles, you can tell how charged the battery is:

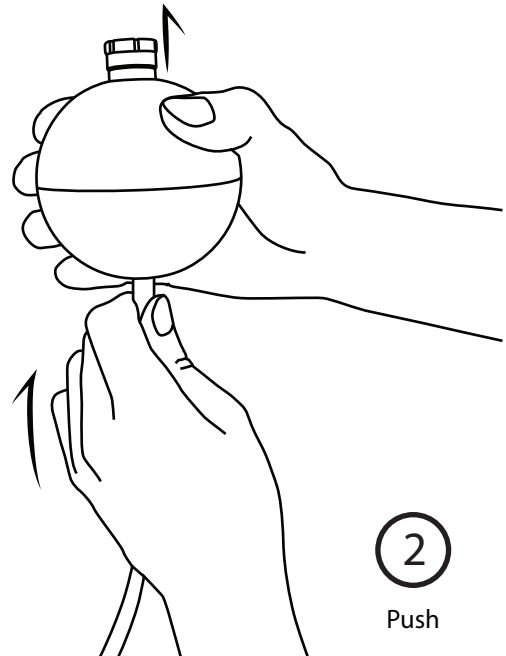
- When spinning at an event, it is nice to be able to verify that your battery will last as long as you need it to - just tap the button
- Soft-press the button once and take a moment to observe the flashes again
- Depending upon how charged your battery is, these flashes will change to reflect the charge %
- At full charge, there will be one flash, a pause, then the locking flash when the menu closes
- As the battery drains, there will be more and more flashes:
 - One flash before the lock = 75-100%
 - Two flashes before the lock = 50-75%
 - Three flashes before the lock = 25-50% (You might want to swap for fresh batteries here if you're doing a performance)
 - Four flashes before the lock = 0-25% (If you want your batteries to stay very healthy then you should recharge it now)
- **Auto-shutoff:**
 - If the battery dips below 0% - the light will flash ten times, then shut off, and you won't be able to turn it back on
 - You should recharge the battery as soon as possible if it gets to this point to help keep it healthy
 - If you store a battery that has discharged to this point for weeks without putting it in the charger, it could start to go bad
 - Replacement batteries are 3.7V 18350 Lithium Ions; commonly used in vaporizers and flashlights

Removing the LED Module for Access to Batteries/Maintenance:

- Press firmly with your thumbs into the base of the cable until the tailcap of the battery tube pops out of the base
- Note: The colder the head is, the more difficult this will be
When below 65° F / 15° C, warm up the head first.

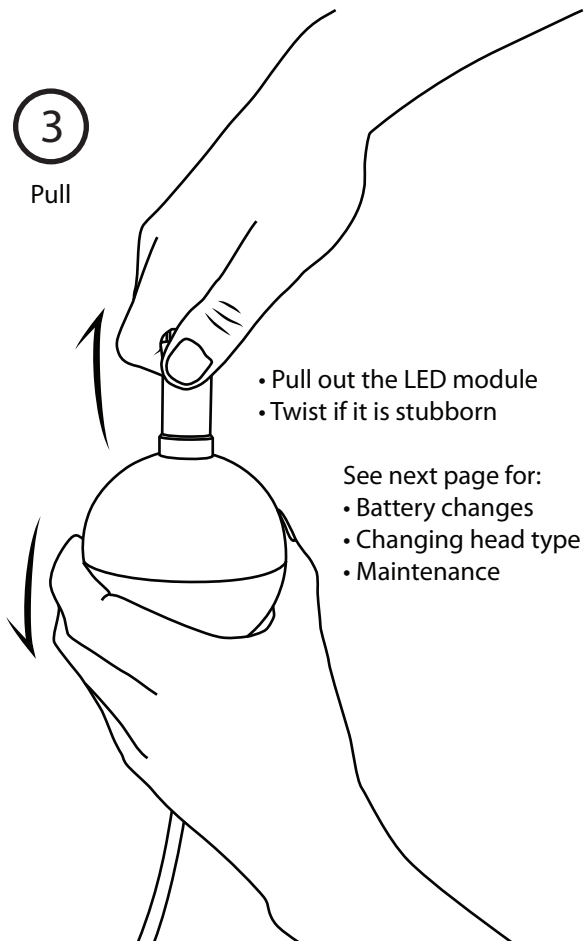


- Push the reinforced base of the cable into the head until enough of the battery tube is exposed to grasp



3

Pull

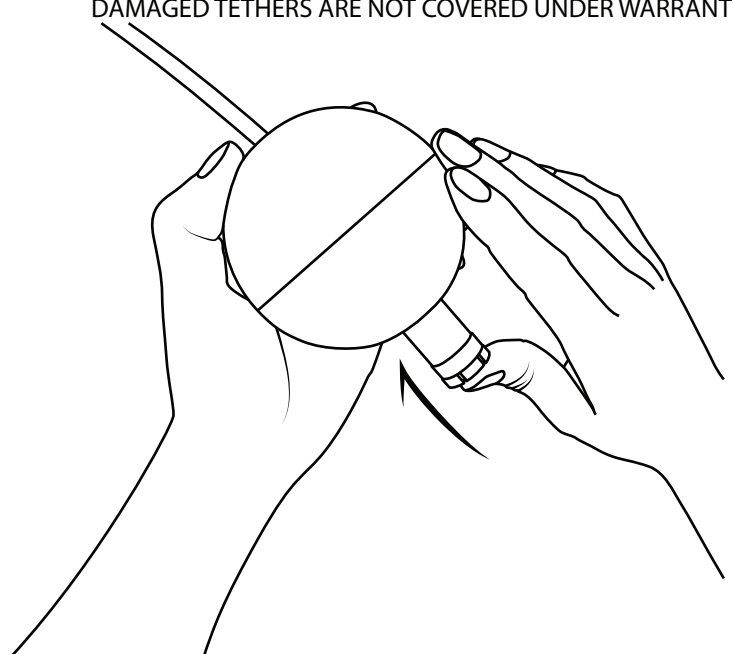


Reinstalling LED Module in the Head:

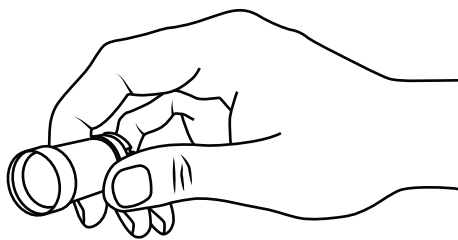
- PUSH the tailcap of the LED module until fully inside the head

NOTE: DO NOT PULL LED MODULE INTO HEAD BY CABLE!

Excessive force used to pull the module may stretch the tether.
DAMAGED TETHERS ARE NOT COVERED UNDER WARRANTY



Changing the Battery:

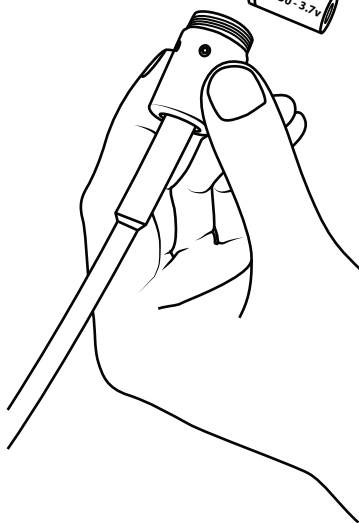


- Unscrew the clear cap from the battery tube

- Use only 3.7v button-top Li-ion 18350 batteries

- (-) goes in first

- The batteries are removable so that an extra set can be charged while you spin and so that you can spin at high brightness throughout a festival with minimal interruption.

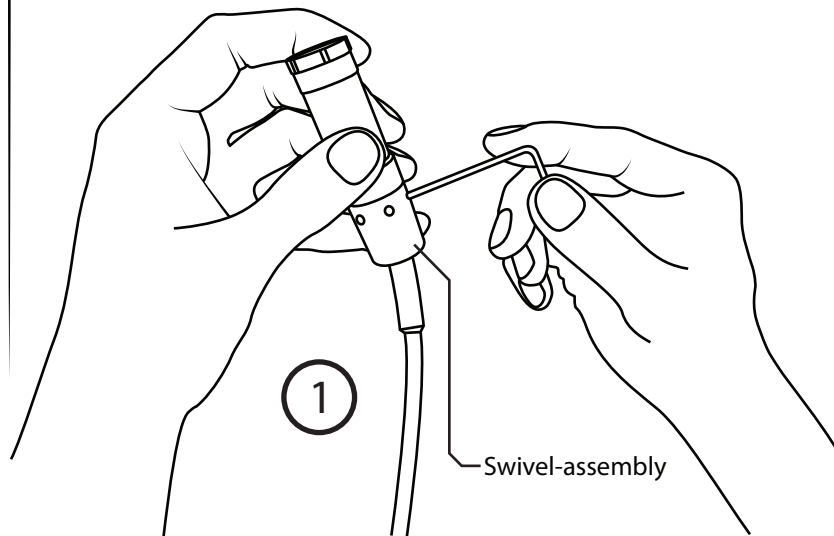


Maintenance Step 1:

- Remove the 4 screws holding the clear cap to the LED module
- Pull the plastic swivel-assembly off of the aluminum LED module
- Follow instructions below to for maintenance.

NOTE: The screws are very small - Be careful not to lose them

- Replacing screws: DO NOT OVERTIGHTEN - they may strip/break



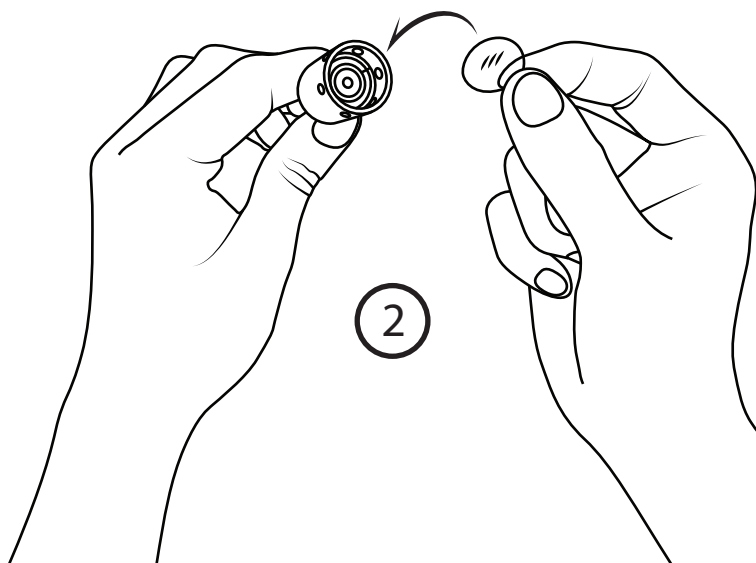
Maintenance Step 2 - Lens Protector:

Once the swivel-assembly has been removed (See above-right):

- Remove the clear lens protector and carefully save it.

NOTE:

- A LENS PROTECTOR MUST ALWAYS BE INSTALLED.



Maintenance Step 3

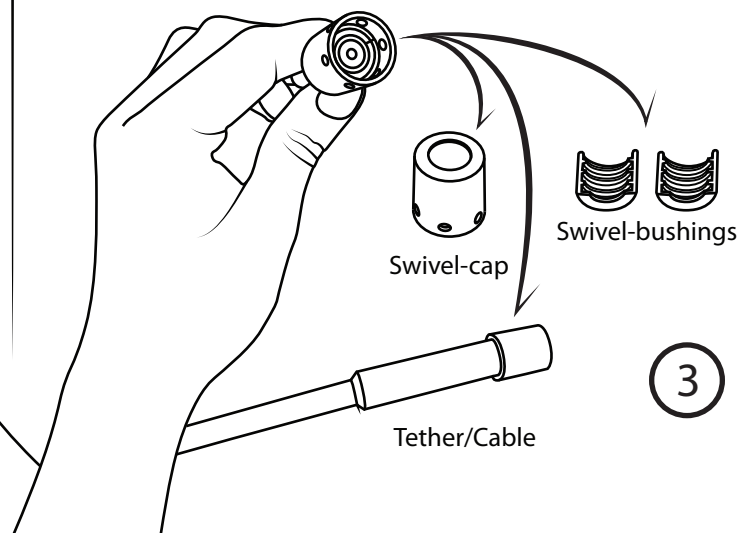
Changing Heads/Cables & Swivel Cleaning:

Once the swivel-assembly has been removed (See above-right):

- Slide the plastic cap back to reveal the swivel-bushings
- Remove the swivel-bushings from the cable
- Slide the plastic cap off of the cable
- Slide the head off of the cable

The swivel should be cleaned if it feels crunchy or tight:

- Dirt accumulation in the swivel will affect its function
- Use only water to clean dirt from the swivel assembly
- Q-tips are useful, too



Safety & Care:

Not a toy:

- This product is an instrument designed for use by individuals with a good working knowledge of their art

Repetitive stress injuries:

- Improper use of this product over long periods can result in repetitive stress injuries
- Be sure to consult professional instruction materials and teachers to develop/maintain healthy use habits

Maintain & care for the product:

- Inspect before use: Verify that there is no compromising damage to the product
- Keep the product clean and verify that it operates properly. Replace damaged or worn parts before use

No orbitals or high-stress tangles with SpinOptic cable:

- SpinOptic cable is very flexible and strong, but will deteriorate much faster when exposed to the extreme forces of orbitals
- We do not recommend orbitals with SpinOptic cable and will not honor warranty claims to tethers if there is visible damage

UV exposure - SpinOptics are designed for use in low-light conditions:

- This product has not been designed or tested for prolonged use and/or storage in direct sunlight
- Most plastics degrade/discolor when exposed to sunlight over long periods, this product is likely not an exception

Do not modify:

- This product is intended for use only in its original design and configuration. Modification may result in injury, death, or damage to property, and may render the product inoperable - it also voids the warranty

Li-ion batteries:

This product uses Li-ion batteries. They are very powerful - containing large amounts of energy in a small package

Care must be taken in handling, charging, and storage - improper use may result in a fire or explosion:

- Only use chargers specifically designed for Li-ion 18350 batteries and follow their instructions
- When charging: Isolate the charger from flammable objects/surfaces and do not leave unattended
- If you notice that the metal is too hot to touch while in use: DISCONTINUE USE IMMEDIATELY AND CONTACT LANTERNSMITH
- If a battery begins to show signs of unusual charging/discharging behavior: Discontinue its use and replace it
- If a battery shows signs of damage, hissing, or bulging: DISCONTINUE ITS USE AND PLACE IT IN A FIRE-SAFE LOCATION
- Store batteries in cool dry places. Do not leave them in hot cars etc
- Do not store batteries in places where they can short themselves out, such as a pocket with loose change and keys

Troubleshooting:

The LED flashes off and on at regular intervals:

The battery is getting low

- Half-press the power button to reset the low-voltage sensor
- If the LED begins to flash once more, then the battery needs to be recharged. It's best for the battery if you charge it right away

The LED flashes off and on randomly/the color changes randomly:

There is a battery connection issue

- Check to make sure the LED module is screwed closed and that the battery terminals are clean
- The TAILCAP can sometimes loosen and make the switch freak out. Use a rag and tighten it down pretty hard
- If the problem persists: The switch may be faulty - contact LanternSmith

The batteries don't hold a charge:

Li-ion batteries have a limited number of recharges before they need to be replaced. This battery has likely reached that limit

- Time for new batteries!

Note: Be sure to turn the product OFF between uses. To keep the battery from overdischarging

Can't get the LED module out to change batteries:

- If the head is cold, it can "grab" the LED module...leave the unit in a warm place to soften it up
- If it's really stubborn: Add a few drops of baby oil into the head and work it around a little

Terms and Conditions

1.) Governing Provisions:

In these Terms and Conditions of Sale ("conditions") "we," "us," and "our" means LanternSmith LLC, and "you" and "your" means the person, company or other entity that orders or buys a product from us, and in each case their respective successors and/or assignees. We are shipping the instrument(s) you ordered ("product(s)") subject to these Conditions. ALL ORDERS SHALL BE BINDING UPON YOU, AND SHALL ONLY CEASE TO BE BINDING UPON YOU IF AND WHEN EXPRESSLY REJECTED BY US. ONLY ACCEPTED ORDERS SHALL BE BINDING UPON US. WE MAY ACCEPT ORDERS EITHER BY EXPRESS WRITTEN ACCEPTANCE OR BY PERFORMANCE BY SHIPPING THE ORDERED PRODUCTS. AT OUR ELECTION. Our failure to object to provisions contained in any purchase order or other form or document from you shall not be construed as a waiver of these Conditions nor an acceptance of any such provision. These Conditions, including all writings incorporated herein by reference, any quotation issued to you by us, and those specific terms of an accepted order identifying the quantity and requested delivery dates of Products that are consistent with these Conditions, constitute the entire contract between us ("Contract"), and supersede all prior agreements and understandings between us, whether written or oral, relating to the subject matter hereof. We expressly disclaim and shall not be bound by any terms or conditions offered by any of our resellers. In the event of a conflict, a quotation takes precedence over these Conditions, and a written contract signed by both of us takes precedence over either. If one or more of these Conditions are held to be invalid, illegal, or unenforceable by a court of competent jurisdiction, the remaining Conditions shall be unimpaired.

2.) Inspection:

Upon your receipt of Product shipped hereunder, you shall inspect the Product and contact our Customer Services Department (by email to sales@lanternsmith.com) of any claims for shortages, defects or damages within 48 hours of delivery, then we will send you a replacement Product at no extra cost and a prepaid label for return of the defective Product. All such returns are subject to Section 3. If we determine, however, that the product was not inoperable, or if you do not ship the inoperable Product within 5 days of the date we send you a shipping label, then you agree to pay for all associated shipping costs. If you fail to notify us of shortages, defects or damages within the 48 hour time period, the Product shall conclusively be deemed to conform to these Conditions and to have been irrevocably accepted by you. Any problems encountered with your product after 48 hours of delivery must be resolved through our warranty process.

3.) Returns:

You may return a product for any reason within 30 days of delivery for a refund. Authorization for ALL returns must be approved by our Customer Services Department (by email to sales@lanternsmith.com) and a return authorization number (RMA) must be given to you prior to the return. All return shipments must be postmarked within 5 days of receipt of the RMA. You must include a copy of your sales receipt, your RMA number and a contact phone number with your return. Returns that do not include this information and that we cannot associate with a specific order will be disposed of within 60 days of receipt without refund or other liability.

4.) Refunds:

Except for Products damaged during shipment to you, Products authorized for return must arrive at our facility in exactly the same condition as they were received to be eligible for refund. For refunds, we will issue a refund for the amount you paid for the returned Product(s) minus a 10% restocking fee. Shipping charges will not be credited or refunded. No refund shall be processed if a past due balance is outstanding on your account. All accessories and paperwork must be included with your return. If we receive a Product for return with damage, missing items, or signs of use, we will either reject the return or charge a 30% to 50% restocking fee, in each case at our sole discretion.

5.) Warranty:

a.) We warrant that all Products shipped to you will be free of manufacturing defects or defects in materials or workmanship. The warranty period for LanternSmith LLC is three (3) years from the date of shipment. This excludes tether items and components, which have a warranty period of six (6) months from the date of shipment. This warranty does not extend to damages or defects that we determine, in our sole discretion, to result from (but not limited to) the following: Misuse, unreasonable use, neglect, playa dust contamination and alkaline-salt corrosion or other chemical attack, accident, normal wear and tear or other causes not arising from defects in materials and/or workmanship, or failure to use or store the Product in accordance with instructions furnished by us. This warranty does not cover accessories including batteries and battery charging devices. Products are warranted to the original purchaser only.

b.) During the applicable warranty period, if we determine that the Product fails to meet its warranty, we will repair the Product, or at our option replace it without charge. If your Product model has been discontinued it will be replaced with a comparable Product model. You are responsible for the shipping charges to send the defective Product back to our facility. We will pay the standard ground shipping cost to return the repaired or replaced Product unless you are an international customer. International customers who choose to return a Product for warranty repair or replacement are responsible for shipping charges to our facility as well as return shipping charges back to them, and authorize us to bill such charges to the credit card used to place the order. We are not responsible for any customs duties or fees associated with international returns.

c.) Our Product warranty will not be honored if you fail to provide a copy of the original Product sales receipt with your return.

d.) During the applicable warranty period, if you have unintentionally damaged your product or failed to keep proper documentation for our warranty (original receipt) you may be eligible for our Failed Warranty Policy. Under this policy you can send the Product back to our facility for a new replacement Product at a discounted price quoted by us. This price includes the new or repaired (at our discretion) replacement Product as well as a return shipping cost. Please contact our Customer Services Department (by email to sales@lanternsmith.com) for details on your model.

e.) **To obtain service under the terms of this warranty,** you must ship us your Product and a copy of your original sales receipt, all in accordance with Section 3. Write your RMA number on the outer packaging for faster processing. Please choose a shipping method with delivery confirmation. We are not responsible for returns not received or damaged due to improper packaging.

f.) THE WARRANTY WE MAKE IN THIS SECTION 4 IS EXCLUSIVE, AND WE MAKE NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR NON-INFRINGEMENT, OR THE ABSENCE OF LATENT OR OTHER DEFECTS, WHETHER OR NOT DISCOVERABLE. Our sole and exclusive liability and your exclusive remedy with respect to Products not meeting their warranty shall be as provided in this Section 5, although at our discretion we may provide a refund.

g.) We do not service other manufacturer warranties.

6.) Exclusion of Damages:

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT SHALL WE BE LIABLE UNDER ANY LEGAL THEORY OR FORM OF ACTION (INCLUDING BUT NOT LIMITED TO CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR WARRANTY OF ANY KIND) FOR ANY INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY DAMAGES (INCLUDING BUT NOT LIMITED TO INJURY, LOST PROFITS, OR COST OF SUBSTITUTE GOODS) ARISING OUT OF OR RELATED TO THE PRODUCTS OR DELIVERY, OR OTHERWISE RELATING TO THE CONTRACT, EVEN IF WE HAD NOTICE OF THE POSSIBILITY OF SUCH DAMAGES. IN NO EVENT SHALL OUR TOTAL LIABILITY FOR ANY AND ALL CLAIMS ARISING OUT OF OR RELATED TO THE PRODUCTS, DELIVERY, OR OTHERWISE RELATING TO THIS CONTRACT, EXCEED THE AMOUNTS PAID BY YOU FOR THE PRODUCT UNDER WHICH THE LIABILITY AROSE.

7.) Limitation of Liability:

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, BECAUSE SOME JURISDICTIONS LIMIT OR DO NOT ALLOW CERTAIN EXCLUSIONS OF LIMITATIONS OF WARRANTIES OR LIABILITY, SECTIONS 8 AND/OR 9 MAY NOT PARTIALLY OR ENTIRELY APPLY TO YOU. TO THE EXTENT THAT ANY SUCH LIMITATION OR EXCLUSION OF LIABILITY OR WARRANTY IS CIRCUMSCRIBED, IT SHALL BE LIMITED TO THE LEAST EXTENT POSSIBLE UNDER APPLICABLE LAW. THESE LIMITATIONS SHALL APPLY NOTWITHSTANDING ANY FAILURE OF ESSENTIAL PURPOSE OF ANY LIMITED REMEDY PROVIDED HEREIN.

8.) Technical Assistance:

All technical assistance and information we provide to you regarding the goods will be provided gratis, and you assume sole responsibility for results obtained in reliance thereon. We make no warranty regarding such technical assistance or information, and our warranties shall not be enlarged or affected by, and no obligation or liability shall arise out of our advice or assistance.

9.) Miscellaneous:

We shall not be liable for any loss, damage or penalty as a result of any delay in or failure to manufacture, deliver or otherwise perform hereunder due to any cause beyond our reasonable control. The Contract shall be governed by and construed in accordance with the laws of the state of New Hampshire, without giving effect to the principles of conflicts of laws, and any and all suits hereunder shall be brought and resolved solely and exclusively in, and the parties hereby irrevocably consent to the exclusive jurisdiction and proper venue of, the state and federal courts located in Concord, NH, USA., and waive any objections thereto based on any ground including improper venue or forum non-conveniens. Notwithstanding the foregoing, we may enforce judgments or seek injunctive relief for an infringement or threatened infringement of intellectual property rights in any court of competent jurisdiction. The United Nations Convention on Contracts for the International Sale of Goods shall not apply to this Contract. Our exercise of any option, or failure to exercise any rights hereunder shall not constitute a waiver of our rights to damages for breach of contract and shall not constitute a waiver of any subsequent failure, delay, or breach by you.