

USER INSTRUCTION GUIDE FOR 215-LED RECHARGEABLE LANTERN WITH LOW VOLTAGE INDICATOR LED CIRCUIT

Operating Instructions

1. Congratulations on your purchase of this Model 215-LED Lantern. The 215-LED is one of Star's newest and most technologically advanced lanterns. We are now utilizing LED's, which are "solid state". This means that there is no filament in the bulb to burn out or become damaged by shock and vibration. The result is a bulb that lasts over 6 times as long as a standard incandescent bulb.
2. Please read **all** of the following instructions before operating your new Starlite 215-LED. This instruction sheet applies *only* to the Model 215-LED.
3. The Starlite 215-LED consists of the lantern itself with a low battery voltage indicator.
4. The lantern battery should be fully charged before each use.
5. The lantern can be operated in either the flashing or steady mode through the use of a three-way rocker switch located on the head of the lantern.

Switch Operation

When the lantern is turned off and upright, pushing the rocker switch to the left will turn the lantern on in a steady-burn mode. Pressing the switch to the right will turn the light on in a flashing mode. Power is only applied to the low voltage indicator when the lantern is in one of its two on positions, therefore; if the battery voltage is low and power is turned off, the red low voltage LED will NOT be illuminated.

Low Battery Warning Indicator Operation And Recharging

1. A rechargeable battery (Star part number: 8100RC or 8100RCLWT) in a good charge condition will light an LED cluster in the steady mode for up to 65 hours, or in the flashing mode for up to 110 hours. **WARNING:** Discharging the battery beyond a normal discharge point can damage the battery to the point where it may not be able to be recharged.
2. Near the end of the normal battery discharge cycle, a red warning LED will illuminate inside the head assembly. This feature alerts the operator that the battery is near the end of its useable charge cycle. The red LED light indicates that the lantern can still be used but the battery has approximately 1 (one) hour of use left before it reaches **dangerously low levels**.
3. Turning the lantern off whenever possible during this time will conserve the remaining capacity of the battery.

WARNING: Deeply discharging the battery beyond the specified discharge point can damage the battery to a condition where it may no longer be able to be recharged.

4. The battery should be recharged after each use. Be sure to place the handle in the sideways locked position when removing the battery, so as not to catch the switch on the handle shroud. To recharge the 8100RC battery use either our CT-101 single battery charger, or our CT-105 five battery gang charger. To recharge the 8100RCLWT (NiMH) battery, use the CT-301 or CT305. Please follow the instructions with these products for proper recharging procedures.
CAUTION: ONLY CHARGE THE BATTERIES WITH THE APPROPRIATE CHARGER. USING THE WRONG CHARGER CAN DAMAGE THE BATTERIES AND WILL REDUCE ITS LIFE.

1. **DO NOT** use any other external charger, other than the Star CT-101/105 charger (or the Star CT-301/305 charger for NiMH batteries), as other chargers may damage your batteries.
2. **DO NOT** leave any battery in a discharged state for any extended period of time as this will shorten the life of the battery. The battery should always be recharged shortly after use.
3. **DO NOT** use incomplete charged batteries. Leave sufficient time for the battery to fully charge. Incomplete charging cycles will result in shortened battery life.
4. **DO NOT** leave the battery in the lantern for long periods of time (months) without periodically recharging the battery. The self-discharge of the battery can result in a deep discharge, shortening the capacity of the battery. This also applies to batteries stored outside of the lantern for long periods of time as well. They too should be periodically recharged.

ONE YEAR LIMITED WARRANTY

The manufacturer warrants each new strobe light or revolving/flashing light against factory defects in material and workmanship for one year after the date of purchase. The owner will be responsible for returning to the Service Center any defective item(s) with the transportation costs prepaid. The manufacturer will, without charge, repair or replace at its option, lights or light part(s) which its inspection determines to be defective. Repair or replacement item(s) will be returned to the purchaser with transportation costs prepaid from the service point. A copy of the purchaser's receipt must be returned with the defective item(s) in order to qualify for the warranty coverage. Exclusions from this warranty are FLASH TUBES/BULB(S) as well as the finish. This warranty shall not apply to any light which has been altered, such that in the manufacturer's judgment the performance or reliability has been affected or damage has resulted from abnormal use or service.

There are no warranties expressed or implied (including any warranty of merchantability or fitness), which extend this warranty period. The loss of use of the product, loss of time, inconvenience, commercial loss or consequential damages, including costs of labor, are not covered. The manufacturer reserves the right to change the design of the product without assuming any obligation to modify any product previously manufactured.

This warranty gives you specific legal rights. You might also have additional rights which may vary from state to state. Some states do not allow limitations on how long an implied warranty lasts. Some states do not allow the exclusion or limitation of incidental or consequential damages. Therefore, the above limitation(s) or exclusion(s) may not apply to you.

If you have any questions concerning this or any other Star product, please contact our **Customer Service Department** at (585) 226-6978.

If a product must be returned for any reason, please contact our Customer Service Department to obtain a Returned Goods Authorization number (RGA #) before you ship the product to Star. Please write the RGA # clearly on the package near the mailing label.



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