KH INDUSTRIES
The Permanent Name in Temporary Lighting & Power
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HazLoc Lantern™ OPERATING INSTRUCTIONS

Thank you for choosing KH Industries' HazLoc rechargeable lantern.

Please read this instruction manual before using your HazLoc Lantern.
It includes important operating and safety instructions.
Charge the HazLoc Lantern overnight before the first use.

The HazLoc Lanterns come in 3 basic systems:

GX3M-BG-16TA: Class I Division 1 INDUCTION rechargeable AC 100-240 volt and DC volt cigarette lighter power cord, and an induction charge rack. The HazLoc features a Nickel Metal Hydride (NiMH) battery. Optics are LED medium flood light.

GX3W-BG-16TA: Class I Division 1 INDUCTION rechargeable AC 100-240 volt and DC volt cigarette lighter power cord, and an induction charge rack. The HazLoc features a Nickel Metal Hydride (NiMH) battery. Optics are LED wide flood light.

GX3M-BGP-16TA: Class I Division 1 Power Failure INDUCTION rechargeable AC 100-240 volt and DC volt cigarette lighter power cord, and an induction charge rack. The HazLoc features a Nickel Metal Hydride (NiMH) battery.

THE POWER FAILURE UNITS PROVIDE EMERGENCY LIGHTING AUTOMATICALLY WHEN THE POWER FAILS.

SAFETY:

A. **BEFORE USING YOUR LANTERN AND CHARGER, READ ALL INSTRUCTIONS IN THIS MANUAL.**
B. **Caution:** To reduce risk of explosion, fire, and electrical shock or injury, **DO NOT** charge your HazLoc Lantern in a hazardous environment.
   ONLY CHARGE THE HAZLOC LANTERN IN NON-HAZARDOUS ENVIRONMENTS.
   DO NOT attempt to recharge your HazLoc Lantern in any charger other than the ones supplied by KH Industries.
   DO NOT attempt to charge any other product with your HazLoc Charge Rack.
C. **WARNING:** Never leave your HazLoc Lantern on with its lamp face against any surface, including skin, while the Lantern is turned on. The heat build-up may cause burns or fire.

D. Careful observation of the charge rack LEDs serves as an important warning of possible malfunction which may cause battery overcharging. The red LED should be on while the Lantern is in the Charge Rack and charging. When fully charged, the red LED turns off and the green LED turns on. The Lantern is ready for operation. If the red LED blinks, remove the Lantern from service.
For evaluation and repair, contact KH Industries for a Return Authorization Number at:
Phone: 716-312-0088
Email: repair@khindustries.com
In extremely rare circumstances, an overcharged battery may produce a flammable hydrogen gas. In the unlikely event that this gas should ignite, personal injury could result.

E. HazLoc Lanterns should not be turned on and off in the Charge Rack.

F. For any repair work, return the Lantern to KH Industries.

The HazLoc Lantern contains a Nickel Metal Hydride (NiMH) battery

A. Recycle the Lantern properly.

B. DO NOT INCINERATE THE LANTERN IT CAN EXPLODE IN A FIRE.

Charge Rack and Charging:

To release the Lantern from the rack, squeeze the on-off switch of the Lantern and lift the Lantern up and out of the Charge Rack. To charge the Lantern, simply place the Lantern into the Charge Rack. It automatically locks in place and starts charging.

CHARGE RACK MOUNTING:

The Charge Rack is mounted by first removing the two mounting screws at the top of the Charge Rack and sliding the metal mounting bracket off the charge rack, then using four screws or bolts attach the metal rack to the desired surface, then slide the Charge Rack on the metal mounting bracket and replace the two mounting screws un the top of the Charge Rack.

POWER SUPPLY:

1. Never directly wire any Charge Rack directly to any 120 volt AC power source. It is intended for 12-15 volt DC only.
2. Make sure that the installation is fused. Two amps per unit is recommended.

BATTERY REPLACEMENT:

The HazLoc Lantern's battery is NOT SELF SERVICABLE. Contact KH Industries to request a Return Authorization Number at 716-312-0088.

VEHICLE POWER REQUIREMENTS:

Maximum ampere draws from a completely discharged Lantern is two-Amps for the first 10 hours and 35 mA from then on. Nominal charging current is one Amp.

USAGE TEMPATURE:

-24C (11.2° F) to +44C (+111.2° F)