



MAGLITE[®] ML150LR[™]/ML150LRS[™]
THE PROFESSIONAL FLASHLIGHT[®]

LED Rechargeable Flashlight System
Système de Torche Rechargeable LED
Sistema de linterna LED recargable



For Your Safety Please Read

Read all safety instructions in this manual before attempting to use the ML150LR™/ML150LRS™ LED Rechargeable Flashlight System. Keep this manual for future reference. It contains important information about safe operation and maintenance of the product.

SAFETY INSTRUCTIONS:

The safety instructions in this manual have been classified according to the seriousness of the risk, as follows:

⚠WARNING:

“Warning” indicates a hazardous situation that, if not avoided, could result in death or serious injury.

⚠CAUTION:

“Caution” indicates a hazardous situation that, if not avoided, could result in minor or moderate injury.

⚠NOTICE:

“Notice” indicates information considered important that relates to avoiding risk of damage to the flashlight or flashlight system itself and/or to other property.

⚠WARNINGS:

- The ML150LR™/ML150LRS™ flashlight is a high-intensity lighting device that is safe during normal operating use in which it is used to project light at a distance and the lens is not obstructed or blocked. It is not intended for use in hazardous environments, such as explosive environments, where only devices with appropriate hazardous certifications (such as “intrinsically safe” and/or “explosion-proof”) should be used. If the device is left on when the lens is obstructed or blocked, such misuse may create a potentially dangerous heat build-up, which could possibly result in fire, depending upon the environment in which the device is being misused.

- This flashlight is a high-intensity lighting device capable of causing eye damage to the user or others. Avoid shining the flashlight directly into anyone’s eyes.

- As is the case with any battery, never allow it to short circuit and do not expose the battery of this device to fire or excessive heat, as this could cause the battery to leak, rupture or explode.

- The charging cradle is not waterproof and should only be used in dry indoor locations. Exposing the device’s charging system to liquids could cause shorting and possible fire and/or electric shock.

- Never try to disassemble, repair or alter the AC adapter, plug or charging cradle. Shorting and possible fire and/or electric shock could result. Contact a Mag Authorized Warranty Service Center for repairs.

⚠CAUTION:

- The flashlight is not designed to operate with the face cap off and the LED exposed. If contacted directly, the exposed LED could become hot enough to burn skin, or to melt or scorch some heat-sensitive materials, e.g., plastics, rubber, cloth fabrics, etc.

- Any battery may leak harmful chemicals which may damage eyes, skin, clothing, or the inside of the flashlight. To avoid risk of injury, never disassemble a battery pack, and do not let any material leaked from a battery come in contact with eyes or skin. In the event of contact with eyes or skin, wash the affected area immediately and obtain prompt medical attention.

⚠NOTICE:

To reduce the risk of harm to your flashlight:

- Locate power cord away from foot traffic and other causes of abrasion or stress.

- Never pull on the power cord when unplugging the AC adapter. Grasp the plug directly.

- Do not use non-rechargeable batteries in your Rechargeable Flashlight System. Use only a MAG® rechargeable battery pack (ML150LR™ Model No. 485-000-034), (ML150LRS™ Model No. 485-000-075).
- For prolonged storage, remove the battery pack and store it separately in a non-conductive wrapping, such as a plastic bag.
- Carefully follow steps listed under “Inspection and Maintenance” in this manual.
- Always use genuine ML150LR™/ML150LRS™ replacement parts and accessories. Never connect the flashlight to any auxiliary product that has not been approved by Mag Instrument, Inc. Doing so may damage the product and void your warranty.
- Discontinue use immediately if you notice changes in the battery such as swelling, discoloration or leakage.
- Recharge the Battery at temperatures between 32°F and 140°F (0°C to 60°C), as charging outside this range can potentially reduce battery capacity.

PROTECTION OF CHILDREN

- This product is not a toy, and is not intended or recommended for use by children.
- Keep the flashlight, all accessories and components out of the reach of small children – especially small parts that might present a choking hazard to children.

BATTERY DISPOSAL

- Cover the metal terminals with insulating tape before disposal, to prevent accidental short-circuiting.
- Never dispose of a battery pack by throwing it into a fire. Battery explosion could result.

- Never discard a used battery pack with ordinary solid wastes, since it contains toxic substances.
- The sealed Lithium Iron Phosphate (LiFePO₄) battery stick supplied with your flashlight must be recycled or disposed of properly. Contact your local solid waste authority for proper recycling or disposal information.

Mag Instrument, Inc. is a proud participant in the RBRC (Rechargeable Battery Recycling Corporation). By recycling LiFePO₄ rechargeable batteries, you are helping to keep LiFePO₄ batteries out of the solid waste stream. When you throw away a LiFePO₄ battery, it eventually ends up in a landfill or municipal incinerator. By recycling your used LiFePO₄ batteries through Mag Instrument's Battery Recycling Program, you are helping to create a cleaner and safer environment for generations to come. For more information about the RBRC visit www.rbrc.com



MAGLITE™ ML150LR/ML150LRS™

LED Rechargeable Flashlight System
Système de Torche Rechargeable LED
Sistema de Linterna Recargable LED

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Mag Instrument is a Founding Partner of the National Law Enforcement Officers Memorial Fund and The National Law Enforcement Museum.

Learn more about The Campaign for the National Law Enforcement Museum at www.maglite.com

Getting Started

Taking a few moments to read this manual and familiarizing yourself with the ML150LR™/ML150LRS™ LED Rechargeable Flashlight System will help to insure years of superior service and satisfaction.

Not all of the following 8 items are included with every Rechargeable Flashlight System shipped, as some package contents may vary. To confirm which of the 8 items are included with your System, consult the package in which the System was sold.

- | | | |
|--|---------------------------------|---------------------------------------|
| 1. Flashlight | 4. 120 Volt Converter (US) | 7. 240 Volt Converter (UK) |
| 2. Charging Cradle | 5. 12 Volt Adapter (Automobile) | 8. 12 Volt Straight Wire (Automobile) |
| 3. Rechargeable Battery (LiFePO ₄) | 6. 230 Volt Converter (Euro) | |



This manual covers both ML150LR™ & ML150LRS™ flashlights. Images shown are the ML150LR™.



1. Face Cap - The removable face cap, which is threaded onto the head, is O-ring sealed and retains the polycarbonate lens and the precision-engineered reflector that is the heart of the optical system.

2. Head - The head houses the reflector and the LED module. The flashlight's Quick-Adjustable Beam operates by rotating the head. About ¼ turn of the head causes the beam to vary between a wide floodlight setting and a narrow spotlight setting (Fig. 1). To remove the head, first remove the face cap and reflector; the head is then free to slide down the barrel. This maneuver provides access to the O-ring seal that is seated in a groove on the outside of the barrel, near the head end, and seals the head-barrel assembly against grit and moisture.

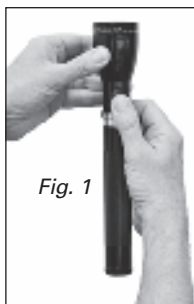


Fig. 1

3. Switch - Sealed, flush-with-the-barrel electronic switch provides access to five different functions – Full Power, Low Power, Strobe (12x/sec), Eco, and Momentary On/Off.

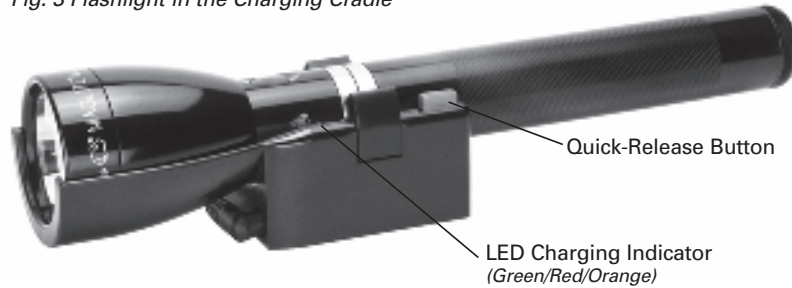
4. Serial Number - Your flashlight's unique serial number is permanently engraved on the barrel for ease of identification and registration. Please note your serial number for future reference:_____.

5. Tail Cap - The tail cap is threaded onto the barrel and retains the Lithium Iron Phosphate (LiFePO₄) rechargeable battery. The tail cap/barrel junction is sealed by a lip seal that prevents entry of moisture and grit, while allowing the venting of any gas that may be generated within the flashlight. The tail cap can be removed to inspect/replace the battery and to maintain/replace the lip seal.

Section 2 *The Charging Cradle*

Constructed of engineering grade thermoplastics, this Charging Cradle unit has many features. Input can be from 12–14 volts (automotive installations) or 120-240 volts AC, when used with a converter for charging indoors.

Fig. 3 Flashlight in the Charging Cradle



To remove the flashlight from the charging cradle: Grasp the flashlight, press the quick-release button (Fig. 4A) and lift up (Fig. 4B).

To return the flashlight to the charging cradle: Place the front end of the light into the front end of Charging Cradle, lower the flashlight until it clicks into place (Fig. 5).

Once it is mounted to a wall or in a vehicle, you'll find that the technique for removing and returning the flashlight to the Charging Cradle works with one motion.

The quick-release button requires very little force to remove and return the flashlight to the charging cradle.

Fig. 4A



Fig. 4B



Fig. 5



A Typical Installation

1. Locate and mount the cradle using appropriate screws and anchors for the location and material.

2. Attach end of DC power cord or AC converter to charging cradle by inserting round plug into power connection port in the side of the charging cradle (Fig. 6, 7 & 10).

⚠ NOTICE: Never pull on the power cord when unplugging the AC adapter. Grasp the plug directly.

⚠ CAUTION: Make sure cable cannot be pinched. If cable is pinched it can cause immediate short and wires can get hot, melt plastic, and create a fire hazard.

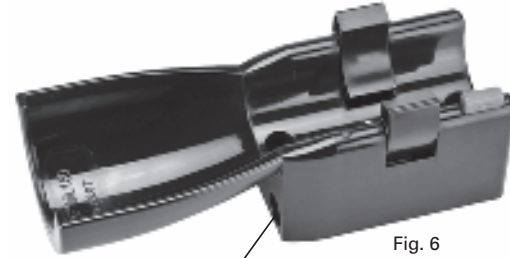


Fig. 6

Power connection port

Direct Wire-Vehicle Installation 12-14 Volt Only (Not for 24-Volt Systems)

A 6' power accessory cord is available to facilitate the direct-wiring of the rechargeable system (Fig. 7). MAG Instrument recommends using an ignition-switched circuit (fused for 10 or 15 AMPS). This is most often the radio or accessory fuse. The Positive (+) lead (red) is connected to the fuse output, and the Ground (-) lead (black) wire should be attached to a metal part of the chassis, which serves as a battery ground return.

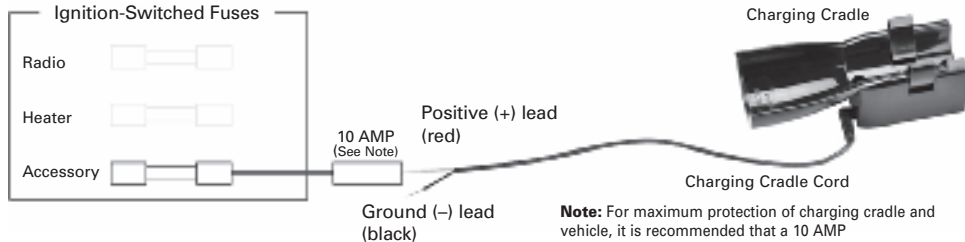


Fig. 7

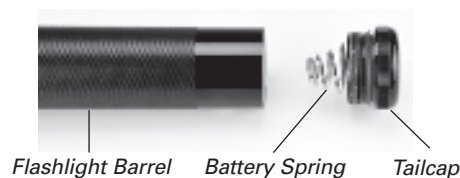
Note: For maximum protection of charging cradle and vehicle, it is recommended that a 10 AMP Slow Blow fuse is installed in the Positive (+) lead (red).

Your Battery's First Charge Is Important!

To assure the freshness of your battery and to avoid any operational problems in shipping, it has been packaged in an UNCHARGED state. For optimum operation of your flashlight, it should be charged a full 6 hours ... before using for the first time.

Battery Installation

If the battery was shipped outside of the flashlight: After you have removed the flashlight from the Charging Cradle unscrew the tail cap (Fig. 8) and insert battery pack (Fig. 9) into the barrel. The positive (+) end—this is the end with a button—goes into the barrel first. Now screw on the tail cap and make sure it's tight.
NOTE: Large end of the battery spring must be snapped into the tailcap.



First Charge Procedure

1. Connect charging cradle to the AC converter or DC accessory cord (Fig. 10).
2. Plug into wall receptacle (AC) or DC power source cord.
3. Make sure charging cradle indicator LED is GREEN (see next page for explanation of LED indicator colors).
4. Make sure flashlight tailcap is tight.
5. Place flashlight into charging cradle.

⚠ WARNING: As is the case with any battery, never allow it to short circuit and do not expose the battery of this device to fire or excessive heat, as this could cause the battery to leak, rupture or explode.

⚠ NOTICE: For prolonged storage, remove the battery pack and store it separately in a non-conductive wrapping, such as a plastic bag. Cover the metal terminals with insulating tape before disposal, to prevent accidental short-circuiting.



After the first (6-hour) charge, the total time to fully charge a fully discharged battery is approximately (ML150LR™-2.5 hours) (ML150LRS™-1.5 hours).

The charging cradle is provided with an LED that indicates battery charge status by blinking and changing color (Fig. 11), as seen in the accompanying chart.

Charger Mode Definitions:

- **Charging:** Battery charge level is below 80% and will fast charge for up to 6 hours (maximum charge time for a deeply discharged battery). Typical charge time is (ML150LR™-2.5 hours) (ML150LRS™-1.5 hours).
- **Top Off/Maintenance:** Battery charge level is at (or above) 80% and will be slow charged to top off
- **Idle:** Battery charge level is at 100% and charging has stopped or there is no light in the cradle
- **Fault:** Charger input/output Voltage is below the minimum threshold for normal operation, a short-circuit is detected, or a component failure has occurred.

ML150LR™/ML150LRS™ - CHARGING CRADLE FUNCTIONS		
Battery State	Charger Mode	LED Indicator
0 - 80%	Charging	Orange
> 80%	Top Off/Maintenance	Blinking Green
100% - No Light	Idle	Green
Unknown	Fault	Blinking Red

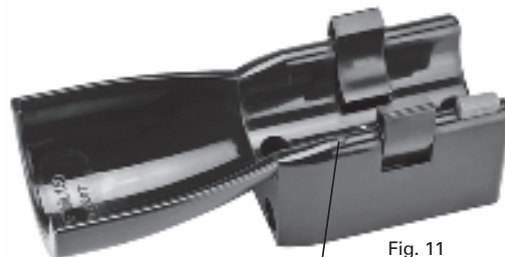


Fig. 11





LED indicator

Switch Operation

Your Flashlight's Function Sets and the Functions Within Each Set

The ML150LR™/ML150LRS™ LED flashlight includes powerful new electronics, providing five different functions to choose from. Because not all functions are equally important to all users, the ML150LR™/ML150LRS™ LED flashlight offers an array of **USER-CONFIGURABLE FUNCTION SETS** that **LET YOU PERSONALIZE** the settings for **QUICKEST ACCESS** to the **FUNCTIONS YOU USE MOST**. The four available Function Sets are shown in the below Function Sets Chart.

Function Sets Chart

Function Set				
	1 GENERAL (Default)	2 OUTDOOR	3 LAW ENFORCEMENT	4 TACTICAL
1 CLICK	Full Power	Full Power	Momentary	Momentary
2 CLICKS	Low Power	Low Power	Full Power	Full Power
3 CLICKS	Eco	Strobe	Eco	Strobe

The five different functions are: – Full Power, Low Power, Strobe (flashes 12 times per second), Eco and Momentary On/Off (stays on only while the switch button is held down). Not all of these functions are equally important to every user. That is why these functions are organized into four different function sets – so that you can personalize your flashlight to suit your needs, configuring it for quickest access to the functions that best match your preference.

How To Choose A Function Within a Set - “Quick Click”

The available function sets, and the functions within each one, are shown in the Function Sets Chart.

As it comes out of the package, your ML150LR™/ML150LRS™ LED flashlight is set to the “General (Default)” function set (**Function Set #1** in the chart). If you require only those three functions (Full Power, Low Power and Eco), then you never have to change it. You can select a function within that set by the “Quick Click” method: Turn the flashlight on with one Quick Click and it is on at Full Power. Turn it off, then turn it on with two Quick Clicks (about as fast as you would say “Click Click”) and it turns on at the Low Power function. Turn it off, then turn it on with three Quick Clicks (about as fast as you would say “Click Click Click”) and you have the Eco function.

Selecting a function within any of the other function sets works the same way – starting with the flashlight off, invoke the desired function by applying 1, 2 or 3 “Quick Clicks”, as the chart shows. For example, if you are in “Outdoor” function set (**Function Set #2**) and you want to select the Strobe function, begin with the flashlight off, apply three Quick Clicks, and your flashlight will strobe.

How To Go From One Function Set To Another

Your ML150LR™/ML150LRS™ LED flashlight’s “General (Default)” setting is **Function Set #1**. If you want to keep that setting you don’t have to do anything. **Function Set #1** will always be in effect unless it is changed. If you want to choose a different function set, follow these steps:

METHOD 1

1. Unscrew the tail cap, backing it out of the barrel far enough that the flashlight will not turn on. (Note: This may require the tailcap to be removed from the barrel entirely).
2. Pause for 2 seconds.
3. Press the switch button and **keep holding it down**.
4. **While still holding down the switch button**, screw the tail cap back in until it is tight.
5. **Keep holding down the switch button**. Within about 4 seconds the flashlight will start to blink.
6. The number of blinks indicates the new selected Function Set.
7. To choose a new Function Set, release the switch button after the corresponding number of blinks (releasing after 1 blink chooses **Function Set #1**; releasing after 2 blinks chooses **Function Set #2**; release after 3 blinks for **Function Set #3**, and release after 4 blinks to choose **Function Set #4**.) Your choice of a Function Set remains in effect until you change it by repeating the above process. (See our Demo video at www.maglite.com)



METHOD 2 - STEP 1

- Click the light into HIGH mode and hold the button down for five seconds.
- NOTE: If the light is currently configured for Function Set 1 or 2, then the user will begin from the OFF mode, click once and hold. If the light is currently configured for Function Set 3 or 4, then the user will begin from OFF mode, click twice and hold.
- After five seconds, the light will turn off for .25 seconds and then back on again indicating that the light is now unlocked. The Function Set can be changed at turn-off and without loosening the tail cap (traditional method).
 - Release the button at any time.

STEP 2

- Click and hold the button down for five seconds.
- After five seconds the light will turn OFF, continue holding the button.
- After three seconds the light will begin to blink in successive patterns which represent a particular Function Set, from this point everything is the same as the traditional method.

NOTE: One blink, is Function Set 1 (GENERAL), release the button to save this set into memory.

Two blinks, Function Set 2 (OUTDOOR), release the button to save this set into memory.

Three blinks, Function Set 3 (LAW ENFORCEMENT), release the button to save this set into memory.

Four blinks, Function Set 4 (TACTICAL), release the button to save this set into memory.

⚠ NOTICE: To avoid deeply discharging the rechargeable LiFePO₄ battery, always turn the flashlight off when the flashlight beam starts to dim. A dim beam is an indication that the battery needs to be recharged.

Spot-to-Flood Beam

The quick focusing spot-to-flood beam operates with a simple quarter turn of the flashlight head assembly.

Frequently Asked Questions

Q. How long can I leave the flashlight in the Charging Cradle (on charge) without using?

A. Indefinitely. Your charging cradle is suitable for permanent stowage of the flashlight. Because the cradle automatically shuts off when it detects that the flashlight has taken a full charge, you don't ever have to worry about overcharging the flashlight. If the flashlight sits idle in the cradle for a long enough time to lose a little of its charge, the cradle detects that, too, and applies a "top off/maintenance" charge. But again, it will stop charging when the charge is back up to 100%. The cradle will never overcharge the flashlight.

Q. If dust occurs inside my reflector, how do I clean it without damage to the reflector?

A. Do not touch reflector. Use a camel hair brush lightly or blow with a compressed air duster as used on computers and electronics. Use the same care that you would give a precision camera lens.

Q. How do I get a fingerprint off my reflector?

A. Use a camera lens cleaner and a lint-free cloth.

If you have questions or need assistance, please call our warranty/repair facility at (800) 283-5562, in the U.S.A. only, or (909) 947-1006 outside the U.S.A.

Problem

Cause/Correction

Flashlight:

Does not light

1. Make sure battery is installed, with positive (+) end toward head of flashlight.
2. Make sure large end of battery spring is snapped into tailcap.
3. Tighten tail cap – make sure unplated area of tail cap and barrel are clean. See fig. 12

Battery charged?

1. Check battery charge: Place flashlight in recharger/cradle. Make sure LED lights up (see page 8). Charge for 15 minutes ... check for light. If it lights (even momentarily) charge it, if not, replace it (battery).

Switch sticks

1. Return flashlight to Mag Instrument (see warranty).

Works intermittently

1. Check for damage to battery casing.
2. Foreign particles inside barrel.

Poor or no spot

1. Damaged LED.

Recharger/Cradle:

LED indicator does not light.

1. Tighten tail cap.
2. Check plug connection to converter.
3. Check plug to power source.
4. Make sure large end of battery spring is snapped into tailcap.

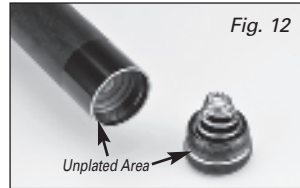


Fig. 12

Inspection and Maintenance

Battery Pack – See Warnings Section for more information. Periodically (approximately every month) remove the battery pack from the flashlight and visually inspect for signs of gas or chemical leakage. Indications of leakage are discoloration of the plastic sleeve or white fuzzy material near the top (positive button) of each cell. Another indication would be a bulging deformation of the bottom (negative flat end) of the cell can. If these signs are observed the battery pack should be removed from service to prevent chemical damage to the inside of the flashlight. **See One Year Battery Pack Warranty for more information concerning warranty coverage.**

Fully Charged Battery Storage – If you do not use your flashlight for long periods of time (four months or more) we suggest you remove the battery pack from the flashlight to prevent chemical damage (acid leaks). **Electrical Contacts** – The bare

Specifications and Accessories

Flashlight

- Tempered aluminum alloy body
- Finish: hard, type III, aircraft anodized (inside and out)
- Length: ML150LR™-10-11/16" (271.45 mm) / ML150LRS™-8-1/4" (210 mm)
- Weight, with battery pack: ML150LR™-15.5 oz. (439 grams) / ML150LRS™-11.2 oz. (317.51 grams)
- Head diameter: 1-15/16" (49.12 mm)
- Barrel diameter: 1-3/16" (30.15 mm)
- Permanently engraved serial number for registration and identification
- O-ring sealed throughout
- 6.4V-ML150LR™ / 3.2V-ML150LRS™ lithium iron phosphate (LiFePO₄) rechargeable battery pack
- Polycarbonate Lens
- Micro-polished reflector
- Diamond knurl design
- Adjustable beam from spot to flood with about 1/4 turn of head
- Corrosion resistant metal springs throughout

Charging Cradle

- Accepts 12–14 volts DC (not for use with 24-volt systems)

- Solid-state charging circuit
- Charge rate: 2500 mA
- Reverse voltage protected (prevents damage if battery is inserted backwards)
- Multi-color LED charge indicator

Converter

- 120-240 volts AC 50/60Hz
- Output 12 volts DC
- Double insulated

(bright) metal surfaces between the tailcap and barrel must be cleaned periodically to ensure a good electrical contact. Also keep the tailcap spring clean. **O-ring Seals and Screw Threads** – To keep seals from drying out and the threads operating smoothly, apply several drops of clean petroleum oil or jelly to these surfaces two or three times a year. **Anodized Exterior Finish** – The protective finish on the flashlight is very durable; however, constant exposure to sunlight, water, chemicals, gases, etc., will dull, discolor and eventually destroy the protective finish. Care should be taken to avoid any harsh environment.

12 Volt Adapter (Automobile)

Plug the DC power cord's adapter into the 12–14 volt cigarette lighter receptacle of the vehicle. DO NOT leave adapter plugged in for any extended period while the engine is "off" to avoid draining vehicle battery.

⚠ WARNING: This adapter is designed for 12-14 volt systems only. Do not use it to connect to a 24 volt circuit, as doing so can create excessive heat, possibly cause a fire, and damage electrical components.

120-240 Volt Converter (Indoor)

After mounting the charging cradle in a proper location, plug the converter into an appropriate 120-240 volt wall receptacle.

Note: Total usable wire length is 6 feet.



LIMITED WARRANTY (LIFETIME IN NORTH AMERICA; TEN YEARS ELSEWHERE): Mag Instrument, Inc., 2001 South Hellman Ave., Ontario, California, USA 91761, warrants to the first retail purchaser of this ML150LR™/ML150LRS™ flashlight that it is free from defects in parts and workmanship. In North America, this warranty lasts for the life of that purchaser. In the rest of the world, it lasts for ten years from the date of first retail purchase. During warranty coverage, Mag or an authorized Mag Warranty Service Center will repair the flashlight or, at its option, replace a defective flashlight or component. (Mag does not warrant the future availability of any particular colors, markings or decorations, and may replace a custom flashlight with a standard flashlight.) Proof of purchase is required for warranty service. This warranty is in lieu of all other warranties and conditions express or implied. It does not, however, affect the statutory rights of a consumer. Under EU law (where applicable), the seller of new flashlights is liable for any lack of conformity that becomes apparent within two years from delivery of the flashlight; national laws of specific jurisdictions, including EU Member States, may give the consumer additional rights.

EXCLUSIONS: This warranty does not cover any of the following: 1. The rechargeable battery unless the claim is made within one year after the documented date of first retail purchase; 2. Any accessory (including for example the recharging apparatus) unless the claim is made within one year after the documented date of first retail purchase; 3. Any electronic component (including for example the LED and electronics involved in switching, controlling or regulating the LED) unless the claim is made within one year after the documented date of first retail purchase; or 4. Damage to or failure of the flashlight or any component or accessory thereof, at any time, due to alteration, misuse, or lack of maintenance.

Notwithstanding any statutory rights applicable in any jurisdiction in the event of failure by Mag to fulfill this warranty, MAG DISCLAIMS ANY RESPONSIBILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some jurisdictions (countries, provinces, and states) do not allow exclusion or limitation of implied warranties, incidental or consequential damages and/or limitations on transferability, so the above limitations and exclusions may not apply to you.

HOW AND WHEN TO MAKE A WARRANTY CLAIM: To avoid expense and delay for warranty work that might be unnecessary, we strongly recommend that you first consult the “Troubleshooting” steps found in your product manual or on Mag’s website www.maglite.com. If these do not resolve the problem, we recommend that you call our Warranty/Repair department at the number found in your manual and on Mag’s website, to see if the problem can be resolved by phone. If not, and if a warranty repair/replacement is necessary, then for warranty return of a flashlight purchased in the USA or Canada, send the flashlight, battery or accessory in question, along with proof of first retail purchase (postage or shipping prepaid) to Mag Instrument, 2001 South Hellman Avenue, Ontario, California, USA 91761, Attention: Warranty/Repair Department. For instructions on warranty return of a flashlight purchased elsewhere than the USA or Canada, consult the retailer where the flashlight was purchased, or visit Mag’s website www.maglite.com, click on “Support,” select the country of purchase, and find the name of an authorized Mag Warranty Service Center to which to send the flashlight, battery or accessory in question, with proof of first retail purchase (postage or shipping prepaid). For your protection and to expedite handling, we recommend that all returns be insured and shipped by a carrier that can track or trace the package. This warranty gives you specific legal rights, and you may have other rights which vary from country to country, province to province, and state to state. Where any term of this warranty is prohibited by the law of any jurisdiction, such term shall there be null and void, but the remainder of this warranty shall remain in full force and effect.

THESE STATEMENTS DO NOT AFFECT THE STATUTORY RIGHTS OF A CONSUMER.

To obtain a copy of this warranty, please send an email with your request to warranty@magmail.com; or send a written request by mail to Mag at the Mag Warranty/Repair Department address noted above. In either case, please be sure to specify the model (e.g., ML150LR) and serial number of your flashlight.

ML150LR™/ML150LRS™ LED Rechargeable Flashlight System

- Lifetime Tough® Anodized Aluminum Construction
- Fast Focusing – Spot to Flood with about ¼ turn of the head
- Multi-Mode Electronic Switch enables “Quick Click” access to:
 - High Power Mode
 - Low Power Mode
 - Eco Mode
 - Momentary Mode
 - Strobe Mode
- **PERSONALIZE for QUICK ACCESS to your PREFERRED FUNCTIONS.**
- **USER-CONFIGURABLE for CIVILIAN, MILITARY or LAW ENFORCEMENT Duty.**
- Limited Warranty (Lifetime in North America; Ten Years Elsewhere)

Système de Torche Rechargeable ML150LR™/ML150LRS™ LED

- Construction en aluminium anodisé Lifetime Tough®
- Mise au point rapide – Réglage du faisceau d'un mode diffus à un mode étroit par rotation de la tête d'environ ¼ de tour
- Le commutateur électronique Multi-mode permet l'accès « Quick Click » au :
 - Mode pleine puissance
 - Mode faible intensité
 - Mode économique
 - Mode momentané
 - Mode stroboscope
- **PERSONNALISER pour un ACCÈS RAPIDE à vos RÉGLAGES DE PRÉFÉRENCE.**
- **CONFIGURABLE PAR LES UTILISEURS pour, entre autres, des fonctions CIVILES, MILITAIRES ou POLICIÈRES**
- Garantie limitée (garantie à vie en Amérique du Nord, dix ans dans le reste du monde)

Sistema de Linterna Recargable ML150LR™/ML150LRS™ LED

- Construcción en Aluminio Anodizado Lifetime Tough®
- Haz de luz de alta intensidad, que se ajusta con solo un cuarto de vuelta de cabeza
- El interruptor electrónico multifunción permite acceder a través del «Clic rápido» a:
 - Modo Alta Potencia
 - Modo Baja Potencia
 - Modo Eco
 - Modo Momentáneo
 - Modo Estroboscópico
- **PERSONALIZABLE para un RAPIDO ACCESO a sus FUNCIONES PREFERIDAS.**
- **CONFIGURABLE por USUARIOS CIVILES, MILITARES o POLICIALES.**
- Garantía limitada (vitalicia en Norteamérica; de 10 años en el resto de países)



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The ML150LR™ and ML150LRS™ LED flashlights are covered by U.S. Patent Nos. 7,125,140; 7,566,148; 8,210,710; 8,240,874; 8,366,290; 8,462,209; 8,960,949; 9,060,407; 9,255,656; 9,435,523; 9,453,625; 9,488,361; 9,494,285; 9,494,308; 9,549,454; 9,644,806; 9,671,102; 9,759,414; and 9,801,256. The charging cradle is covered by U.S. Patent No. 9,812,880. The LED module is covered by U.S. Patent No. D623,847.

Flashlight designed and manufactured in U.S.A.; flashlight includes some imported components; battery pack made in China; charging cradle assembled in U.S.A. or U.S. and imported parts; 12 volt power cord assembled in U.S.A. or imported parts; 120 volt AC converter made in China.

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