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Fenix E30R

Fenix E30R 1600 Lumen Rechargeable Compact EDC Flashlight User Manual

Model: E30R

INTRODUCTION

The Fenix E30R is a high-performance, compact, and rechargeable everyday carry (EDC) flashlight designed for reliability and ease of use. It delivers a maximum output of 1600 lumens and features a magnetic charging system, a side switch for intuitive operation, and a power indicator. This manual provides detailed instructions for the proper setup, operation, maintenance, and troubleshooting of your Fenix E30R flashlight.



Image: The Fenix E30R flashlight, showcasing its compact and durable design.

PRODUCT OVERVIEW

The Fenix E30R flashlight is engineered for durability and convenience. Its anodized aluminum body ensures impact resistance and efficient heat dissipation. Key features include:

- **Powerful Output:** Up to 1600 lumens with a beam distance of over 650 feet.
- **Compact Size:** Under four inches in length, ideal for pocket carry.
- **Magnetic Charging:** Quick and convenient recharging via a magnetic USB cable.
- **Side Switch Operation:** Single-button control for all functions.
- **Power Indicator:** Integrated LED to display remaining battery level.
- **Durable Construction:** Type III anodized aluminum body, impact-resistant, and corrosion-resistant.
- **IP68 Rated Protection:** Submersible to 2 meters for 30 minutes, protected against dust and foreign objects.



Image: A close-up of the Fenix E30R, highlighting its compact form factor and the side switch.

SETUP

Before initial use, ensure the battery is properly installed and charged.

Battery Installation

1. Unscrew the tail cap of the flashlight.
2. Insert the included Fenix ARB-L18-3400 18650 Lithium-Ion battery with the positive (+) terminal facing towards the head of the flashlight.
3. Screw the tail cap back on securely.



Image: The Fenix E30R flashlight with its internal battery visible, illustrating proper battery orientation.

OPERATING INSTRUCTIONS

The Fenix E30R features a single side switch for all operations.

Turning On/Off

- **To Turn On:** Press and hold the side switch for 0.5 seconds.
- **To Turn Off:** Press and hold the side switch for 0.5 seconds.

Mode Switching

- With the light on, single-click the side switch to cycle through Eco, Low, Medium, High, and Turbo modes.

Strobe Function

- With the light on, press and hold the side switch for 1.2 seconds to activate Strobe mode.
- Single-click the side switch to return to the previously used general mode.

Lock/Unlock Function

- **To Lock:** With the light off, double-click the side switch within 0.5 seconds. The light will flash twice to indicate it is locked.
- **To Unlock:** Double-click the side switch within 0.5 seconds. The light will activate in Eco mode.



Image: A hand demonstrating the operation of the Fenix E30R's side switch.

CHARGING

The Fenix E30R features convenient magnetic charging.

1. Connect the magnetic charging cable to a standard USB power source (e.g., power bank, wall charger, car charger).
2. Attach the magnetic end of the charging cable to the charging port on the flashlight. The magnetic connection will snap into place.
3. The charging indicator on the flashlight will show the charging status. A red light indicates charging, and a green light indicates a full charge.
4. Charging typically takes around 3 hours for a full charge.

Note: Do not attempt to charge CR123A batteries through the E30R's magnetic charging port.

Battery Level Indication

The LED indicator below the side switch displays the battery status for 3 seconds when the light is turned on:

- **Green Light:** 100% - 85%
- **Flashing Green Light:** 85% - 50%
- **Red Light:** 50% - 25%
- **Flashing Red Light:** 25% - 1%



Image: The Fenix E30R flashlight connected to its magnetic charging cable.



Image: A close-up of the Fenix E30R's side switch with the battery indicator light.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Fenix E30R flashlight.

- **Cleaning:** Periodically clean the threads and O-rings with a clean cloth. Lubricate the O-rings with silicone grease to maintain water resistance.
- **Battery Care:** Remove the battery if the flashlight will not be used for an extended period to prevent leakage. Store batteries in a cool, dry place.
- **Contact Points:** Clean the electrical contact points of the flashlight and battery regularly to ensure proper operation.
- **Water Resistance:** The E30R is IP68 rated, meaning it is protected against dust and can be submerged in water up to 2 meters for 30 minutes. Ensure the tail cap is fully tightened before exposing to water.



Image: The Fenix E30R flashlight operating while partially submerged in water, highlighting its IP68 rating.

TROUBLESHOOTING

If your Fenix E30R flashlight is not functioning correctly, consider the following:

- **Light Not Turning On:** Check if the battery is inserted correctly with the positive terminal facing the head. Ensure the tail cap is fully tightened. The flashlight might be in lock mode; double-click the side switch to unlock.
- **Dim Output or Flashing:** The battery level may be low. Recharge the battery fully. Clean the battery contact points and the flashlight's internal contacts.
- **Light Gets Warm on High/Turbo Mode:** This is normal for high-output flashlights. The E30R has intelligent overheat protection that will automatically downshift the brightness level to prevent overheating. This is a safety feature and not a malfunction.
- **Magnetic Charging Not Working:** Ensure the magnetic cable is securely attached and the USB power source is active. Clean the magnetic charging port on the flashlight and the cable contacts.

If issues persist, contact Fenix customer support for further assistance.

SPECIFICATIONS

Detailed technical specifications for the Fenix E30R flashlight.

Feature	Specification
Brand	Fenix

Feature	Specification
Model	E30R
Max Output	1600 Lumens
Max Beam Distance	203 meters (666 feet)
Light Source Type	LED
Power Source	Battery Powered (1 Lithium Ion battery required)
Battery Cell Composition	Lithium Ion
Material	Anodized Aluminum
Color	Black
Product Dimensions	3.9"D x 1"W x 1"H
Item Weight	1.8 Ounces (excluding battery)
Water Resistance Level	IP68 (Water Resistant, submersible to 2 meters for 30 minutes)
Special Feature	Durable, Magnetic Quick Charging, Power Indicator



Image: A table summarizing the key specifications and performance data of the Fenix E30R.

SAFETY INFORMATION

Please read and follow these safety guidelines to prevent injury or damage to the flashlight:

- Do not shine the flashlight directly into eyes. The powerful beam can cause temporary vision impairment or permanent eye damage.
- Keep out of reach of children.
- Do not disassemble the sealed head of the flashlight, as this may damage the light and void the warranty.
- Avoid exposing the flashlight to extreme temperatures or open flames.
- Use only recommended batteries and charging cables. Improper use can lead to fire, explosion, or personal injury.
- If the flashlight is stored for a long period or transported, remove the battery to prevent accidental activation.

WARRANTY AND SUPPORT

The Fenix E30R flashlight comes with a 5-year warranty covering defects in materials and workmanship. This warranty does not cover damage caused by misuse, unauthorized modifications, or normal wear and tear.

For warranty claims, technical support, or additional product information, please visit the official Fenix website or contact your authorized Fenix dealer.