



Rechargeable LED Bright Flashlight

ZA-452

USERS MANUAL

Thank you for purchasing this Zartek flashlight. This flashlight has been engineered and manufactured to give you years of dependable operation. Please take a few moments to read through the manual to get full usage from this innovative product.

SPECIFICATIONS:

- Ultra Bright CREE XPG R2 LED Globe 220 Lumen
- Magnifying Lens for Uniform Light
- Focus Beam Flood to Spot
- Aluminium Casing with Belt Clip
- Clear, Red, Green Interchangeable Lenses
- Store lenses in Back Cap
- Rechargeable via Mains or Vehicle
- Dimensions:
 - Length 187 mm
 - Head diameter 33mm
 - Shaft diameter 28mm
- Weight with Battery: 222g
- Shockproof & Splashproof IP65
- 1 Year Limited Warranty

Specifications tested & claimed by manufacturer.



HIGH BRIGHT BEAM

Avoid direct eye exposure or serious eye injury could result.
To prevent damage to eyesight, never look into light when it is on.
Do not shine in any face.
This item is not a toy. Keep out of reach of children

Charging:

The Zartek ZA-452 flashlight is portable and rechargeable yet extremely bright with a long operating time. Directly plug in the mains or vehicle adaptor into the side socket to charge.

Only recharge using supplied adaptors with output of 4.2V.

A red LED on the adaptor indicates charging, green LED indicates fully charged.

Charging will only begin if the torch button is in an ON mode.

Plug the charger into the side charging socket when the torch is OFF. Press the button at the back of the torch to start recharging.

Recharging is easy and safe as the battery cannot be overcharged. The charger will stop charging once full.

- **Charging time 3-4 hours**
- **Direct plug-in charging with indicator**
- **Li-ion rechargeable battery**
- **Over 500 recharge cycles possible**

This flashlight has a Li-ion battery pack. To protect the battery from discharge during shipping, a round plastic insulator film is inserted inside the battery compartment between the battery and the torches back cap. Remember to remove the insulator piece before first time use.

Although the unit arrives partially charged from the factory, it must be fully charged for 4 hours before first use. This initial charge pre-conditions the battery for full capacity. Failure to charge may shorten the life span of the battery. Once the light gets dim, recharge the battery immediately as it could get damaged if left very flat.

Always make sure to replace the rubber socket cover after charging to keep the flashlight splash proof.



WARNING!

- Fully charge the flashlight before storing for long periods. Keep recharging every few months or the battery may go faulty.
- Do not recharge this flashlight with any other adaptors other than those supplied with the unit.
- Do not dispose of the battery in a fire or ordinary waste.
- Do not operate the flashlight in high temperature, hazardous or explosive environments.
- Do not subject the flashlight to strong impacts.
- Do not disassemble or modify the flashlight as it contains protective devices which, if damaged, may cause the battery to heat or ignite.
- Do not leave the flashlight in direct sunlight or hot spaces for extended periods.
- Never short circuit, reverse polarity, disassemble, damage or heat the battery packs over 100°C. If an exploded Li-ion battery does ignite, it will burn more violently if it comes into contact with water or moisture. Never put water on a burning Li-ion battery only use a fire extinguisher.
- This flashlight is rain and splash proof only but not submersible. If the light gets submersed in water, immediately dry the flashlight and do not use for a few days. Water damage is usually irreparable.

Operation:

Press the button multiple times to toggle between lighting modes.

3 Modes of Operation:

High Beam (3.5 hours)

Low Beam (24 hours)

Strobe (6 hours)

Memory Function when OFF for 5 seconds

Beam distance: 220 meters

Memory function enables the torch to turn on in the last mode used. **The mode will only be memorised if the torch is OFF for more than 5 seconds.** If the torch is OFF for less than 5 seconds the mode will be changed. To change quickly between modes, soft press the button.

The ZA452 has a magnifying lens for uniform light dispersion and the beam can be adjusted from flood to spot by shifting the head. A spot beam will reach further and a flood beam will be wider.

There are 2 colour lenses, red and green, stored in the back cap. Unscrew the front ring on the torch head and place either lens on top of the clear lens to change colour. Screw back the front ring to secure.

Red Lense is used for signalling & non-invasive animal viewing

Green Lense is used for map & non-disruptive viewing

The Zartek ZA-452 flashlight has a slim design with easy recharging function essential for security applications. This powerful torch is also durable and ideal for outdoor, mining, industrial and general use. LED globes are shockproof and never need replacing. The aluminium casing is shockproof & splash proof (IP65).

Maintenance:

All batteries lose charge over time. It is recommended that the flashlight should be fully recharged every 2-3 months when not in use.

If the unit gets dirty, gently clean the outer surface of the flashlight with a soft cloth moistened with a mild solution of water and detergent.

Store in a cool, dry place.

Warranty:

This product is warranted by Zartek against manufacturing defects in materials and workmanship under normal use for a 12 month period from date of purchase via our authorized appointed dealers.

For further information or any queries, please email us: info@zartek.co.za