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K KASONIC CT-505

K KASONIC CT-505 LED Rechargeable Flashlight User Manual

Model: CT-505

1. Introduction

The K KASONIC CT-505 LED Rechargeable Flashlight is a versatile and durable illumination tool designed for various applications, including outdoor activities, emergency situations, and general household use. It features a high-power LED, multiple lighting modes, a telescopic zoom function, and a built-in rechargeable battery with power bank capability.



Image 1.1: K KASONIC CT-505 LED Rechargeable Flashlight with key features.

2. Safety Information

- **Eye Safety:** Do not look directly into the LED light or shine it directly into the eyes of people or animals. The high intensity light can cause temporary vision impairment or permanent eye damage.
- **Battery Safety:** Use only the specified rechargeable battery. Do not attempt to disassemble, puncture, or short-circuit the battery. Keep batteries away from heat sources and open flames.
- **Charging:** Use the provided Type-C charging cable. Do not use damaged cables or chargers. Ensure the charging port cover is securely closed when not charging to maintain water resistance.
- **Heat:** The flashlight may become warm during prolonged use, especially on high mode. This is normal. Avoid touching the head of the flashlight for extended periods when hot.
- **Water Resistance:** The flashlight has an IPX4 water resistance rating, meaning it is protected against splashing water from any direction. It is not designed for submersion in water.
- **Window Breaker:** The flashlight features a window breaker. Use this feature only in emergency situations. Exercise caution

to avoid injury.



Image 2.1: Flashlight demonstrating its window breaker feature.

3. Package Contents

Verify that all items are present in the package:

- K KASONIC CT-505 LED Rechargeable Flashlight
- Rechargeable Lithium-Ion Battery (pre-installed with insulator tab)
- USB Type-C Charging Cable
- Lanyard

4. Product Overview

The K KASONIC CT-505 flashlight is constructed from aviation-grade aluminum alloy, ensuring durability. It features a P70 LED

chip for powerful illumination.

Key Components:

- **LED Head:** Contains the P70 LED and the adjustable zoom mechanism.
- **Power Button:** Controls power and light modes.
- **Battery Level Indicators:** Four blue LED lights indicating battery charge status.
- **Type-C Charging Port:** For recharging the internal battery.
- **USB-A Output Port:** Functions as a power bank to charge other devices.
- **Tail Cap:** Secures the battery compartment.

5. Setup

5.1 Battery Installation

Before first use, the plastic insulator gasket must be removed from the battery compartment.

1. Unscrew the tail cap of the flashlight by turning it counter-clockwise.
2. Remove the plastic insulator gasket located at the end of the battery.
3. Insert the battery with the positive (+) terminal facing inwards towards the LED head and the negative (-) terminal facing outwards towards the tail cap.
4. Screw the tail cap back on clockwise until secure.



Image 5.1: Steps for battery installation and insulator tab removal.

6. Operating Instructions

6.1 Power On/Off and Mode Selection

- **To Turn On:** Press the power button once. The flashlight will turn on in High mode.
- **To Change Modes:** While the flashlight is on, press the power button repeatedly to cycle through the modes: High → Medium → Strobe.
- **To Turn Off:** Long press the power button for 3 seconds in any mode.



Image 6.1: Visual representation of the three lighting modes.

6.2 Telescopic Zoom Function

The flashlight features an adjustable head for focusing the beam.

- **Spotlight:** Extend the head of the flashlight forward to narrow the beam for long-distance illumination.
- **Floodlight:** Retract the head of the flashlight backward to widen the beam for broad area illumination.



Image 6.2: Demonstrating the telescopic zoom for floodlight and spotlight.

7. Charging

7.1 Recharging the Flashlight

The K KASONIC CT-505 flashlight is equipped with a Type-C charging port.

1. Locate the Type-C charging port on the side of the flashlight, usually protected by a rubber cover.
2. Open the rubber cover.
3. Connect the provided USB Type-C cable to the flashlight's charging port and the other end to a USB power source (e.g., wall adapter, computer, power bank).
4. The battery level indicator lights will illuminate to show charging progress. Each light represents approximately 25% of the battery level.
5. When fully charged (approximately 2-3 hours), all four LED indicator lights will be solid and then automatically turn off to prevent overcharging.

6. After charging, securely close the rubber cover to maintain water resistance.

7.2 Power Bank Function

The flashlight can also serve as a power bank to charge other devices in emergencies.

1. Locate the USB-A output port (typically next to the Type-C input port).
2. Connect your device's charging cable to the USB-A output port on the flashlight.
3. The flashlight will begin charging your device.



Image 7.1: Flashlight acting as a power bank and displaying battery level indicators.

8. Maintenance

- **Cleaning:** Wipe the flashlight body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the flashlight in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period, charge the battery periodically to maintain its health.

- **Battery Care:** If the flashlight will not be used for a long time, it is recommended to remove the battery to prevent potential leakage or damage.

9. Troubleshooting

Problem	Possible Cause	Solution
Flashlight does not turn on.	Battery is dead or not installed correctly. Insulator tab not removed.	Charge the battery. Ensure the battery is inserted with correct polarity and the insulator tab is removed.
Flashlight does not charge.	Charging cable or adapter is faulty. Charging port is dirty.	Try a different USB Type-C cable and power adapter. Clean the charging port gently.
Light output is dim.	Low battery level. Lens is dirty.	Recharge the battery. Clean the flashlight lens.
Power button is unresponsive.	Internal malfunction.	Contact customer support for assistance.

10. Specifications

Feature	Detail
Model Number	CT-505
Light Source	P70 LED
Brightness	Up to 1000 Lumens
Beam Distance	Up to 4,921 feet (approx. 1500 meters)
Light Modes	High, Medium, Strobe
Zoom Function	Telescopic (Spotlight to Floodlight)
Battery Type	Rechargeable Lithium-Ion (18650)
Charging Port	USB Type-C
Charging Time	2-3 hours
Runtime	Up to 18 hours (on low mode)
Power Bank Output	USB-A
Material	Aviation Grade Aluminum Alloy
Water Resistance	IPX4 (Moisture Resistant)
Dimensions	Approx. 20D x 20W x 20H millimeters (6 inches long)
Weight	Approx. 280g (8.54 oz)

11. Warranty and Support

The K KASONIC CT-505 LED Rechargeable Flashlight comes with a **2-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

What the Warranty Does Not Cover:

- Damage caused by misuse, abuse, accident, or neglect.
- Unauthorized repairs or modifications.
- Normal wear and tear.

Customer Support:

For warranty claims, technical assistance, or any questions regarding your K KASONIC CT-505 flashlight, please contact our customer support team. Refer to your purchase documentation for specific contact details or visit the official K KASONIC website.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question