

Banral K-2303-B

Banral Rechargeable Magnetic Flashlight K-2303-B User Manual

Model: K-2303-B

1. INTRODUCTION

Thank you for choosing the Banral Rechargeable Magnetic Flashlight K-2303-B. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new flashlight. Please read it thoroughly before use and retain it for future reference.

2. KEY FEATURES

- Super Bright & Long Beam: Equipped with an upgraded long beam LED chip for concentrated and far-reaching light.
- Magnetic Base & COB Sidelight: Features a strong magnetic tail for hands-free use and COB sidelights for wide-area illumination.
- Emergency Power Bank Function: Can be used to charge mobile devices via its USB output port.
- Type-C Fast Charging: Fully charges in approximately 4 hours using the included Type-C cable.
- Long-Lasting Battery: 5000mAh battery provides up to 12 hours of use in low mode.
- 8 Lighting Modes: Includes High, Low, Strobe, SOS, COB High, COB Low, COB Red Light, and COB Red Light SOS.
- Zoomable Focus: Adjustable focus from wide-area floodlight to long beam spotlight.
- Durable Construction: Made from aircraft-grade aluminum alloy, offering excellent hardness, wear resistance, and drop resistance (up to 3 meters).
- IPX5 Waterproof: Designed to withstand splashes and rain.

3. PACKAGE CONTENTS

Ensure all items are present upon unboxing:

- 2 x Banral Rechargeable Magnetic Flashlights
- 2 x Type-C USB Charging Cables
- 2 x Rechargeable Batteries (5000mAh)

- 2 x AAA Battery Holders (for optional AAA battery use, AAA batteries not included)
- 2 x Battery Tubes
- 1 x User Manual
- 1 x Flashlight Leather Box



Image: Illustration of the Banral flashlight package contents.

4. SETUP

4.1 Battery Installation

The flashlight supports two types of batteries: the included 5000mAh rechargeable battery or 3x AAA batteries (not included) using the provided AAA battery holder.

1. Unscrew the tail cap of the flashlight.
2. Insert the 5000mAh rechargeable battery with the positive (+) end facing towards the flashlight head. If using AAA batteries, place them into the AAA battery holder, then insert the holder into the flashlight with the positive (+) end of the holder facing the flashlight head.
3. Screw the tail cap back on securely.



Image: Step-by-step guide for battery installation.

Your browser does not support the video tag.

Video: Demonstrates the battery installation process and various light modes.

4.2 Charging the Flashlight

The flashlight features a Type-C charging port for convenient and fast charging.

1. Locate the rubber cover on the side of the flashlight.
2. Lift the cover to reveal the Type-C input port.
3. Connect the included Type-C USB cable to the flashlight and to a compatible USB power source (e.g., wall adapter, computer, power bank).
4. The blue power indicator lights will illuminate to show charging progress. All four lights indicate a full charge.



Image: Close-up of the Type-C charging port and power indicator lights.

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Video: Demonstrates the charging process and power bank function.

4.3 Power Bank Functionality

Your Banral flashlight can serve as an emergency power bank to charge other devices.

1. Lift the rubber cover to access the USB output port.
2. Connect your device's charging cable to the USB output port on the flashlight.
3. The flashlight will begin charging your device.

4 COB Sidelight Modes

Double Click the Switch Button to Enter COB Mode.



Image: The flashlight charging a mobile phone, highlighting its power bank feature.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off and Mode Selection

The flashlight features 8 lighting modes, divided into main light and COB sidelight modes.

- **Main Light Modes:** Press the power button once to cycle through High, Low, Strobe, and SOS modes.
- **COB Sidelight Modes:** Double-click the power button to activate the COB sidelight. Press once to cycle through COB High, COB Low, COB Red Light, and COB Red Light SOS modes.
- **Turn Off:** To turn off the flashlight from any mode, long-press the power button for 3 seconds.



Image: Visual guide to the 8 lighting modes and the one-key turn-off function.

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Video: Demonstrates the various lighting modes and features of the flashlight.

5.2 Zoom Function

Adjust the beam focus by extending or retracting the flashlight head.

- **Zoom In (Floodlight):** Push the flashlight head forward to widen the beam for large-area illumination.
- **Zoom Out (Spotlight):** Pull the flashlight head backward to narrow the beam for long-distance spotlighting.



Image: Explanation of the zoomable design for floodlight and spotlight functions.

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Video: Shows the flashlight's zoom functionality and different light modes.

5.3 Magnetic Base

The strong magnetic base allows for hands-free operation by attaching the flashlight to metal surfaces.



Image: The flashlight's magnetic base in use, providing hands-free lighting.

6. MAINTENANCE

- **Cleaning:** Wipe the flashlight with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Water Resistance:** The flashlight is IPX5 waterproof, meaning it is protected against low-pressure water jets from any direction. It is not designed for prolonged submersion. Ensure the charging port cover is securely closed to maintain water resistance.
- **Storage:** Store the flashlight in a cool, dry place away from direct sunlight and extreme temperatures. If storing for extended periods, remove the battery.
- **Battery Care:** Recharge the battery regularly, even if not in use, to prolong its lifespan. Avoid fully discharging the battery.



Image: The flashlight demonstrating its IPX5 water resistance.



Image: The flashlight demonstrating its drop resistance from 3 meters.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Flashlight does not turn on.	Battery is low or depleted. Battery installed incorrectly. Loose connections.	Charge the battery. Reinstall the battery with correct polarity. Ensure tail cap is tightened and battery tube is secure.
Light output is dim.	Low battery charge.	Recharge the battery.
Flashlight not charging.	Charging cable or adapter faulty. Charging port obstructed.	Try a different Type-C cable and USB adapter. Check the charging port for debris and clean if necessary.
Power bank function not working.	Flashlight battery is low. Device cable faulty.	Ensure flashlight is sufficiently charged. Try a different charging cable for your device.

8. SPECIFICATIONS

Feature	Detail
Model Number	K-2303-B
Brand	Banral
Light Source Type	LED (Main Light), COB (Sidelight)
Brightness	800 Lumens (Maximum)
Power Source	Battery Powered
Battery Type	5000mAh Lithium-Ion Polymer (included), or 3x AAA (not included)
Charging Port	Type-C USB Input
Output Port	USB Output (for power bank function)
Charging Time	Approx. 4 hours
Runtime (Low Mode)	Up to 12 hours
Material	Aircraft-grade Aluminum Alloy
Water Resistance	IPX5 (Waterproof)
Drop Resistance	3 Meters
Dimensions	1.7"D x 1.3"W x 6.9"H
Item Weight	1.43 pounds (0.65 Kilograms)

9. WARRANTY AND SUPPORT

Banral offers a 12-month free replacement warranty for products to ensure customer satisfaction. For any questions, concerns, or support needs, please contact Banral customer service through the retailer's platform or the official Banral store.

Visit the [Banral Store](#) for more information.

