

Coast PX200R

COAST PX200R 2000 Lumen Rechargeable LED Flashlight User Manual

INTRODUCTION

The COAST PX200R is a high-performance rechargeable LED flashlight designed for various applications, from professional use to everyday carry. This manual provides essential information for its proper setup, operation, and maintenance, ensuring optimal performance and longevity.



Image: The COAST PX200R flashlight, showcasing its robust design and integrated pocket clip.

PRODUCT OVERVIEW

Key Features

- **Brightness:** Delivers up to 2,000 lumens for high-performance lighting.
- **Long Lasting:** Equipped with a 5000mAh rechargeable ZX955 battery, providing extended operation up to 150 hours in MoonGlow mode.
- **5 Light Modes:** Features Turbo, High, Medium, Low, and MoonGlow modes for adaptable lighting.
- **TWIST FOCUS:** Allows seamless transitions between PURE BEAM Flood beams and long-distance BULLS-EYE Spot beams.
- **Rechargeable:** USB-C rechargeable with a charge-level indicator for convenience.

- **Durable Construction:** Aluminum body with IP54-rated water and dust resistance.
- **2-Position Pocket Clip:** Provides versatile carrying options.



Image: A user holding the PX200R flashlight, highlighting its 2000 lumen output, 150-hour run time, and 200-meter beam distance.

Included Components

The COAST PX200R package includes the following items:

- COAST PX200R Flashlight
- USB-C to USB-C Charging Cable
- ZX955 Rechargeable Battery

INCLUDED



PX200R FLASHLIGHT



USB-C TO USB-C CHARGING CABLE



ZX955 RECHARGEABLE BATTERY

Image: The PX200R flashlight, USB-C charging cable, and ZX955 rechargeable battery, as supplied in the product package.

SETUP

Battery Installation

1. Unscrew the tail cap of the flashlight by turning it counter-clockwise.
2. Insert the ZX955 rechargeable battery with the positive (+) end facing towards the flashlight head.
3. Screw the tail cap back on clockwise until secure.

Charging the Battery

The PX200R features a built-in USB-C charging port. To charge the flashlight:

1. Locate the USB-C port cover on the flashlight body and open it.
2. Connect the provided USB-C cable to the flashlight's port and to a compatible USB power source (e.g., wall adapter, computer, power bank).
3. The charge indicator light will illuminate to show charging status.
4. Once fully charged, disconnect the cable and securely close the USB-C port cover to maintain water

and dust resistance.



Image: The PX200R flashlight being charged via its USB-C port, indicating its rechargeable capability.

Battery Level Indicator

The flashlight is equipped with a battery level indicator to show the current charge status:

- **Green Light:** Battery is charged.
- **Red Light:** Battery is low and requires charging.

BATTERY LIFE INDICATOR



Image: The battery life indicator on the PX200R, displaying green for a charged battery and red for a low battery.

OPERATING INSTRUCTIONS

Power On/Off and Light Modes

The PX200R features a single power button for controlling power and cycling through light modes:

1. **To Power On:** Press the power button once. The flashlight will typically turn on in the last used mode (or a default mode).
2. **To Cycle Modes:** While the flashlight is on, press the power button repeatedly to cycle through the available modes: Turbo, High, Medium, Low, MoonGlow.
3. **To Power Off:** Press and hold the power button for approximately 1 second, or if the flashlight has been on in a single mode for a few seconds, a single press will turn it off without cycling through other modes.



Image: The PX200R flashlight illuminating a dark environment, illustrating the different light modes available.

TWIST FOCUS System

The TWIST FOCUS system allows for quick adjustments between a broad flood beam and a concentrated spot beam:

- **PURE BEAM Flood:** Twist the flashlight head counter-clockwise to expand the beam for a wide, even circle of light, ideal for illuminating large areas.
- **BULLS-EYE Spot:** Twist the flashlight head clockwise to narrow the beam into a focused spot, providing a long-distance beam with a bright center and a soft halo.

FOCUSING BEAM SYSTEM



Image: A visual representation of the PX200R's TWIST FOCUS technology, demonstrating the shift from a wide flood beam to a focused spot beam.

Using the 2-Position Pocket Clip

The integrated 2-position pocket clip offers flexibility for carrying or hands-free use:

- Attach the flashlight to a pocket, belt, or backpack strap for secure transport.
- Clip the flashlight to the brim of a hat for hands-free illumination, effectively converting it into a headlamp.

2-POSITION CLIP



Image: A user demonstrating the 2-position clip by attaching the PX200R flashlight to a hat for hands-free operation.

MAINTENANCE

Cleaning

- Wipe the flashlight body with a soft, damp cloth to remove dirt and debris.
- Ensure the lens is clean for optimal light output. Use a lens cleaning cloth if necessary.
- Do not use abrasive cleaners or solvents, as these may damage the finish or internal components.

Storage

- Store the flashlight in a cool, dry place away from direct sunlight and extreme temperatures.
- For long-term storage, it is recommended to charge the battery to approximately 50% and recharge it every 3-6 months to maintain battery health.
- Ensure the USB-C port cover is securely closed to prevent dust and moisture ingress.

TROUBLESHOOTING

- **Flashlight not turning on:** Ensure the battery is correctly inserted and fully charged. Check for any loose connections.

- **Flashlight not charging:** Verify the USB-C cable is properly connected to both the flashlight and the power source. Try a different USB-C cable or power adapter. Ensure the charging port is clean and free of debris.
- **Dim light output:** The battery may be low; recharge the flashlight. Ensure the lens is clean.
- **Beam not focusing correctly:** Ensure the TWIST FOCUS head is clean and free of obstructions.

SPECIFICATIONS

The following specifications are certified to the ANSI FL1 Standard:

Feature	Specification
Manufacturer	Coast
Model Number	PX200R
Item Weight	9.9 ounces
Product Dimensions	5.71 x 1.2 x 1.2 inches
Material	Aluminum
Power Source	Battery Powered
Type of Bulb	LED
Special Features	Rechargeable
Battery Cell Type	Lithium Ion
Water & Dust Resistance	IP54 Rated

Performance Data (ANSI FL1 Standard)

PRODUCT SPECS

CERTIFIED TO ANSI FL1 STANDARD



FL 1 STANDARD	MEDIUM	HIGH	LOW	MOON GLOW	TURBO
	500 LUMENS	1000 LUMENS	105 LUMENS	17 LUMENS	2000 LUMENS
	105m	150m	45m	20m	200m
	12h	6h 30min	23h	150h	

Image: Detailed product specifications table for the PX200R, certified to ANSI FL1 Standard, showing performance across different light modes.

Mode	Lumens	Beam Distance	Run Time
Turbo	2000	200m	N/A (Burst)
High	1000	150m	6h 30min
Medium	500	105m	12h
Low	105	45m	23h
MoonGlow	17	20m	150h

WARRANTY AND SUPPORT






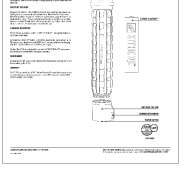




Warranty Information

The COAST PX200R is covered by the Coast Lifetime Warranty. For detailed information regarding warranty terms and conditions, please refer to the official Coast website or contact customer support.

Customer Support

For further assistance, technical support, or to inquire about replacement parts, please visit the official Coast website or contact their customer service department. Contact information can typically be found on the product packaging or the manufacturer's website.

Related Documents - PX200R

 	<p>COAST PS700 LED Flashlight: Instructions, Features, and Warranty</p> <p>User guide for the COAST PS700 LED flashlight, detailing its construction, PURE BEAM™ optic, TWIST FOCUS™ beam adjustment, side area lights, Dual Power™ system, battery information, and COAST's lifetime warranty. Includes operational instructions and safety precautions.</p>
 	<p>COAST FL75R LED Headlamp - Powerful, Rechargeable, and Versatile</p> <p>Detailed instructions and specifications for the COAST FL75R LED headlamp. Learn about its Pure Beam™ Optic, Twist Focus™ Technology, dual power system (rechargeable ZITHION-X™ battery and AAA alkaline), durable construction, and lifetime warranty. Ideal for professional and outdoor use.</p>
 	<p>COAST XP18R Pure Beam Flashlight Instructions and Features</p> <p>Detailed instructions for operating and maintaining the COAST XP18R Pure Beam Flashlight, including information on light modes, beam adjustment, battery charging, and warranty.</p>
 	<p>COAST G23 Flashlight User Manual and Instructions</p> <p>Comprehensive guide for the COAST G23 flashlight, covering usage, mounting, power options (alkaline and rechargeable), warranty information, and safety precautions. Features Quick Cycle™ technology and C.O.B. area lighting.</p>
 	<p>COAST G450 Flashlight: User Manual, Features, and Warranty Information</p> <p>Comprehensive guide for the COAST G450 flashlight, detailing its Pure Beam LED optic, Twist Focus beam control, power settings, battery replacement, cleaning, and lifetime warranty.</p>



[CF1000R Rechargeable Flashlight Instructions and Information](#)

Comprehensive guide to the COAST CF1000R rechargeable flashlight, including operation, charging, care, warranty, and FCC compliance information.