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> [Coast](#) /

> Coast PX1R Rechargeable Focusing LED Flashlight User Manual

Coast PX1R

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Model: PX1R

INTRODUCTION

The Coast PX1R is a versatile rechargeable LED flashlight designed for various lighting needs. It features a Pure Beam Focusing Optic with a twist focus system, allowing seamless transitions between a wide flood beam and a focused spot beam. The Flex Charge Dual Power system provides flexibility, enabling the use of either the included rechargeable Lithium-Ion battery or standard AAA alkaline batteries. This manual provides essential information for the safe and effective use of your PX1R flashlight.



Image: The Coast PX1R flashlight, showcasing its compact design and textured grip.

PRODUCT OVERVIEW

Familiarize yourself with the main components and features of your PX1R flashlight.

PX1R



IP54 RATED CONSTRUCTION	LIGHT MODES



Image: Diagram highlighting key features of the PX1R flashlight, including Pure Beam Focus, Twist Focus, Pocket Clip, Rechargeable Dual-Power, Zithion-X Rechargeable Battery or 3 x AAA, IP54 Rated Construction, Light Modes, and Quick Cycle Switch.

- **Pure Beam Focusing Optic:** Provides both a broad flood beam and a sharp spot beam.
- **Twist Focus System:** Allows for easy adjustment between flood and spot beams.
- **Flex Charge Dual Power:** Operates with either a rechargeable Lithium-Ion battery or 3 AAA alkaline batteries.
- **Quick Cycle Switch:** For cycling through light modes.
- **Reversible Pocket Clip:** For secure carrying or attachment.
- **Durable Construction:** Impact and weather resistant (IP54 rated).

SETUP

Battery Installation

The PX1R flashlight supports two battery options: the included Zithion-X rechargeable Lithium-Ion battery pack or 3 AAA alkaline batteries using the provided cartridge.

1. Unscrew the tail cap of the flashlight.
2. **For Rechargeable Battery:** Insert the Zithion-X rechargeable battery pack with the positive (+) end facing towards the head of the flashlight.
3. **For AAA Alkaline Batteries:** Place 3 AAA batteries into the alkaline battery cartridge, ensuring correct polarity. Insert the cartridge into the flashlight with the positive (+) end facing towards the head.
4. Screw the tail cap back on securely.



Image: Graphic illustrating the Flex Charge System, showing the rechargeable battery and the alkaline battery cartridge.

OPERATION

Power On/Off and Mode Selection

The PX1R features a Quick Cycle Switch located on the tail cap for easy control.

- To turn the flashlight **ON**, press the tail cap switch once.
- To cycle through the light modes (High, Medium, Low), press the switch repeatedly while the light is on.
- To turn the flashlight **OFF**, press and hold the switch for approximately 1 second, or cycle past the last mode.



Image: Close-up of the PX1R's tail cap, indicating the Quick Cycle Power Switch.

Focusing the Beam (Pure Beam Focusing Optic)

The PX1R utilizes a twist focus system to adjust the beam from a wide flood to a narrow spot.

- To achieve a wide **Ultra View Flood Beam**, twist the head of the flashlight counter-clockwise until it reaches its widest setting. This beam provides a large, evenly lit circle without dark spots.
- To achieve a focused **Bulls-Eye Spot Beam**, twist the head of the flashlight clockwise until it reaches its narrowest setting. This beam projects light far downrange with a surrounding transition halo for a wider viewing area.

Your browser does not support the video tag.

Video: Demonstration of the Pure Beam Focusing Optic, showing the transition between flood and spot beams.



Image: Graphic illustrating the Pure Beam Focus, showing the difference between a wide flood and a tight spot beam.

CHARGING (FLEX CHARGE SYSTEM)

The Flex Charge System allows for convenient recharging of the Zithion-X battery.

- **Charging In-Light:** Connect the micro USB charging cable to the flashlight's charging port (located under a protective collar near the tail cap). Connect the other end to a USB power source (AC adapter, DC adapter, or computer USB port). The indicator light will show charging status.
- **Charging Out-of-Light:** Remove the Zithion-X battery pack from the flashlight. Connect the micro USB charging cable directly to the port on the battery pack. Connect the other end to a USB power source.

Your browser does not support the video tag.

Video: Demonstration of the Coast PX1R's charging capabilities, showing both in-light and out-of-light charging methods.

MAINTENANCE

- **Cleaning:** Wipe the flashlight body with a soft, damp cloth. Do not use abrasive cleaners or solvents. Keep the lens clean for optimal light output.
- **Battery Care:** If using alkaline batteries, remove them if the flashlight will not be used for an extended period to prevent leakage. For the rechargeable battery, charge it regularly to maintain its lifespan.
- **Storage:** Store the flashlight in a cool, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Flashlight does not turn on.	Dead batteries or incorrect battery installation.	Check battery polarity. Recharge the Lithium-Ion battery or replace AAA alkaline batteries.
Light output is dim.	Low battery charge or dirty lens.	Recharge or replace batteries. Clean the lens with a soft cloth.
Beam does not focus properly.	Obstruction in the focusing mechanism.	Ensure the twist focus mechanism is free of debris.

SPECIFICATIONS

Feature	Detail
Light Output (Max)	1000 Lumens (Note: Product description states 460 lumens, but specifications list 1000 lumens. Using 1000 as max.)
Beam Distance (Max)	155 meters (508 ft)
Runtime (Max)	24 hours
Power Source	Rechargeable Lithium-Ion (Zithion-X) or 3 x AAA Alkaline batteries
Water Resistance	IP54 (Weather Resistant)
Material	Aluminum
Weight	4.16 ounces
Dimensions (L x W x H)	1.1"L x 1.1"W x 5"H



Image: Graphic detailing some specifications of the PX1R flashlight.

WARRANTY AND SUPPORT

The Coast PX1R flashlight comes with a **Lifetime Warranty** against defects in materials and workmanship. For warranty claims or technical support, please refer to the official Coast website or contact their customer service directly.

For further assistance, visit: www.coastportland.com