

Coast PX1

Coast PX1 565 Lumen Pure Beam Focusing LED Flashlight User Manual

1. PRODUCT OVERVIEW

The Coast PX1 Flashlight is a versatile lighting tool designed for various distances and work scenarios. It features the Pure Beam Optic with Twist Focus technology, allowing users to seamlessly transition between a broad flood beam and a concentrated spot beam. Constructed from durable aluminum, the PX1 is impact and weather resistant, ensuring reliable performance in challenging conditions. This manual provides detailed instructions for the proper setup, operation, and maintenance of your PX1 flashlight.



The Coast PX1 flashlight, featuring a black aluminum body, red accents, and an adjustable pocket clip.

2. KEY FEATURES

- **Pure Beam Focusing Optic with Twist Focus:** Easily switch between a wide flood beam and a focused spot beam.
- **Multiple Light Output Modes:** Offers 565 lumens (high), 230 lumens (medium), and 125 lumens (low) for varied lighting needs.
- **Durable Construction:** Impact resistant, weather resistant (IP54 storm proof), and features a virtually unbreakable LED.
- **Adjustable Pocket Clip:** Reversible clip for secure attachment to pockets, belts, or hat brims.

- **Dual Power Compatibility:** Operates with 3 AAA alkaline batteries (included) or compatible rechargeable batteries.

3. SETUP

3.1 Battery Installation

1. Unscrew the tail cap of the flashlight by turning it counter-clockwise.
2. Insert the three AAA alkaline batteries into the included battery carrier, ensuring correct polarity (+/-) as indicated on the carrier.
3. Place the loaded battery carrier into the flashlight body.
4. Screw the tail cap back on by turning it clockwise until it is securely tightened. Ensure it is adequately tightened for proper electrical contact and water resistance.

INCLUDED
PX1, 3 X AAA



The components included with the PX1 flashlight: the flashlight itself, a battery carrier, and three AAA alkaline batteries.

4. OPERATION

4.1 Power On/Off and Light Modes

The PX1 flashlight features a Quick-Cycle Power Switch located on the tail cap. To operate:

- Press the switch once to turn the flashlight on to its highest setting (565 lumens).
- Quickly press the switch again to cycle to the medium setting (230 lumens).
- Press the switch a third time to cycle to the low setting (125 lumens).
- Press the switch a fourth time to turn the flashlight off.
- If the flashlight remains on any setting for more than 2 seconds, the next press will turn it off.

QUICK-CYCLE™ POWER SWITCH

SWITCH BETWEEN 3 LIGHT MODES



The tail cap of the PX1 flashlight, highlighting the Quick-Cycle Power Switch used to cycle through the three light modes.

4.2 Twist Focus (Pure Beam Optic)

The PX1 utilizes a Pure Beam Focusing Optic with a Twist Focus mechanism to adjust the beam pattern.

- To switch to a **Flood Beam**, twist the head of the flashlight counter-clockwise. This mode provides a wide, evenly distributed circle of light, ideal for illuminating a large area without dark spots.
- To switch to a **Spot Beam**, twist the head of the flashlight clockwise. This mode concentrates the light into a tight beam, reaching far downrange with a transitional halo for peripheral viewing.

TWIST FOCUS™ LENS

TWO BEAMS IN ONE LIGHT



The front of the PX1 flashlight showing the twist focus mechanism, allowing adjustment between flood and spot beams.

I FOCUSING BEAM SYSTEM

FOCUSING BEAM SYSTEM

PURE BEAM™

Flood



BULLS-EYE™

Spot



An illustration demonstrating the Pure Beam Focusing System, which provides both a wide flood beam and a concentrated Bulls-Eye spot beam.

4.3 Adjustable Pocket Clip

The PX1 includes a reversible pocket clip for convenient carrying and hands-free use. The clip can be adjusted to secure the flashlight in a pocket, on a belt, or attached to the brim of a hat.

I POCKET CLIP



A detailed view of the PX1's adjustable pocket clip, designed for secure attachment to pockets or gear.

HAT CLIP



The PX1 flashlight attached to a baseball cap, demonstrating the versatility of its adjustable clip for hands-free use.

5. MAINTENANCE

- **Cleaning:** Wipe the flashlight body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace AAA batteries when the light output diminishes significantly. Always use fresh batteries of the same type.
- **Storage:** If storing the flashlight for an extended period, remove the batteries to prevent leakage and potential damage.
- **O-Rings:** Periodically inspect the O-rings for wear and tear. Lubricate with silicone grease if necessary to maintain water resistance.

6. TROUBLESHOOTING

6.1 Light Not Turning On

- **Check Batteries:** Ensure batteries are correctly inserted with proper polarity and are not depleted. Replace if necessary.
- **Tail Cap Connection:** Verify that the tail cap is fully tightened. A loose tail cap can prevent electrical contact.

- **Clean Contacts:** Inspect battery contacts and clean them if there is any corrosion or dirt.

6.2 Dim or Flickering Light

- **Battery Level:** Batteries may be low. Replace with fresh AAA batteries.
- **Loose Connections:** Ensure the tail cap and head assembly are securely tightened.

7. SPECIFICATIONS

Feature	Detail
Model Number	20865
Light Output (High)	565 Lumens
Light Output (Medium)	230 Lumens
Light Output (Low)	125 Lumens
Beam Distance (High)	107 meters
Beam Distance (Low)	30 meters
Runtime (High)	3.5 hours
Runtime (Low)	28 hours
Power Source	3 x AAA Alkaline batteries (included) or rechargeable batteries
Material	Aluminum
Water Resistance Level	IP54 (Water Repellent)
Product Dimensions	4.5"D x 1"W x 1"H
Item Weight	4.2 ounces (0.12 Kilograms)

PRODUCT SPECS

CERTIFIED TO ANSI STANDARDS



FL 1 STANDARD	MEDIUM	HIGH	LOW
	230 LUMENS	565 LUMENS	125 LUMENS
	76m	117m	56m
	9h 30min	3h 30min	17h

A table detailing the performance specifications of the PX1 flashlight, including light output (lumens), beam distance, and runtime for high, medium, and low settings, certified to ANSI FL1 standards.



5.6 in

The PX1 flashlight held in a hand, illustrating its compact size with a length of 5.6 inches.

DURABLE CONSTRUCTION

IP54 STORM PROOF



The PX1 flashlight with water droplets, showcasing its durable, storm-proof construction with an IP54

rating.

DUAL POWER™



ALKALINE



Widely available



Quick & easy option



Backup for conditions without electricity

RECHARGEABLE



Green & energy efficient



More power



Cost effective for frequent use

A diagram explaining the Dual Power feature, allowing the PX1 to operate with either widely available alkaline batteries or cost-effective rechargeable batteries.

8. WARRANTY AND SUPPORT

The Coast PX1 Flashlight is backed by 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.

For more information, visit the [Coast Store](#).

Related Documents - PX1



[COAST G450 Flashlight: User Manual, Features, and Warranty Information](#)

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.



[COAST FL70 Headlamp: Durable LED Lighting with Pure Beam™ and Twist Focus™](#)

Explore the features and construction of the COAST FL70 headlamp. This durable LED light offers Pure Beam™ optics, Twist Focus™ technology, and a comfortable, secure fit for various applications. Learn about its power options, warranty, and construction.



[COAST FL85 Headlamp: Powerful, Durable LED Lighting with Pure Beam™ Optic](#)

Explore the features, operation, and warranty of the COAST FL85 headlamp. Learn about its Pure Beam™ Optic, Twist Focus™, and dual power options for reliable illumination.



[COAST FL86 Headlamp User Manual and Product Information](#)

Detailed instructions and specifications for the COAST FL86 Headlamp, including operation, beam adjustment, power options, and warranty information. Covers features like Pure Beam™ optic, Twist Focus™ technology, and Ultra-Strap™ with quick-release buckle.



[COAST PS700 LED Flashlight: Instructions, Features, and Warranty](#)

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.



[COAST FL75R LED Headlamp - Powerful, Rechargeable, and Versatile](#)

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.