

LOOP GEAR LOOPDOT

LOOP GEAR LOOPDOT EDC Flashlight User Manual

Model: LOOPDOT

1. INTRODUCTION

The LOOP GEAR LOOPDOT is a compact, rechargeable Everyday Carry (EDC) flashlight featuring a vivid RGB pixel display and integrated mini-games. It offers both a powerful spotlight and a high CRI floodlight, with adjustable brightness and intuitive controls. This manual provides essential information for the safe and effective use of your LOOPDOT flashlight.

2. WHAT'S IN THE BOX

- LOOPDOT EDC Flashlight
- Protective DotCase
- USB-C Charging Cable (not explicitly listed but implied by USB-C rechargeability)
- User Manual (this document)

3. PRODUCT OVERVIEW

The LOOPDOT combines illumination with interactive features. Key components include:

- **Spotlight:** Provides a focused beam up to 400 lumens.
- **Floodlight:** Offers a wide, natural light with 90+ CRI.
- **RGB Pixel Display:** For interactive games and ambient light effects.
- **Tactile Gear Dial:** For stepless dimming and mode selection.
- **USB-C Port:** For convenient recharging.
- **Protective DotCase:** Included for daily protection and portability.



Image: The LOOPDOT flashlight, showcasing its compact design and the included protective DotCase.

4. SETUP

4.1 Initial Charging

Before first use, fully charge your LOOPDOT flashlight. Connect the provided USB-C cable to the flashlight's charging port and plug the other end into a compatible USB power source (e.g., computer, wall adapter). The pixel display may indicate charging status.

4.2 Attaching the DotCase

The DotCase provides protection for your LOOPDOT. Simply slide the flashlight into the case until it is securely seated. The case is designed for easy insertion and removal.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Press and hold the main button (or refer to specific product instructions if a dedicated power button is present) to turn the flashlight on or off.

5.2 Switching Light Modes (Spotlight/Floodlight)

The LOOPDOT features an intuitive shake-to-switch function. Gently shake the device to toggle between spotlight and floodlight modes.

Satisfying Twist, Stepless Dimming

One dial. Dim, fidget, enjoy.



Image: Demonstrates the shake gesture to switch between spotlight and floodlight modes.

5.3 Adjusting Brightness (Stepless Dimming)

Rotate the tactile gear dial to adjust the brightness of both spotlight and floodlight modes. The stepless dimming allows for precise control from moonlight (0.1 lm) to turbo (400 lm spotlight / 270 lm floodlight).



Smooth Twist, Stepless Dimming

From gentle bedside glow to night-ready beam, twist to adjust brightness freely – your way.

Image: A close-up view of the LOOPDOT's dial, illustrating the stepless dimming feature.

5.4 Mini Games and Pixel Display

The LOOPDOT includes 11 built-in pixel games and various ambient pixel light effects. Navigate through game and display modes using the dial and button combinations (refer to on-screen prompts or quick start guide for specific controls).

- **Interactive Games:** Enjoy games like Dice, Catch-the-Gems, and Rock-Paper-Scissors.
- **Ambient Pixel Lights:** Utilize various RGB light patterns, including Red-Blue Flash Alert, Red Flash Alert, and Red-White Flash Alert.



Image: The LOOPDOT's pixel display showing different mini-game interfaces and colorful light patterns.

6. MAINTENANCE

6.1 Cleaning

Wipe the flashlight and DotCase with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials that could damage the finish or display.

6.2 Storage

Store the LOOPDOT in a cool, dry place, away from direct sunlight and extreme temperatures. For long-term storage, ensure the battery is partially charged (around 50%) to prolong its lifespan.

6.3 Water Resistance

The LOOPDOT has an IPX6 waterproof rating, meaning it is protected against powerful water jets. It is not designed for submersion. Ensure the USB-C port cover is properly sealed before exposure to water.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Flashlight does not turn on.	Low battery.	Charge the device using the USB-C cable.
Cannot switch between spotlight/floodlight.	Incorrect shaking motion or temporary software glitch.	Ensure a clear, gentle shake. Try restarting the device.
Display is unresponsive or frozen.	Software error.	Perform a soft reset by holding the power button for an extended period (e.g., 10-15 seconds) until it restarts.
Brightness adjustment is not smooth.	Dial obstruction or sensor issue.	Ensure the dial is clean and free of debris.

8. SPECIFICATIONS

Feature	Detail
Model	LOOPDOT
Material	Aerospace-grade Aluminum
Light Source Type	LED
Max White Brightness (Spotlight)	400 Lumens
Max White Brightness (Floodlight)	270 Lumens
Color Rendering Index (CRI)	90+ (Floodlight)
Max Beam Distance	100 meters (Spotlight)
Battery Capacity	600mAh
Charging Port	USB-C
Water Resistance Level	IPX6
Product Dimensions	2.36"D x 1.81"W x 0.78"H (60mm x 46mm x 19.8mm)
Item Weight	6.6 ounces (approximately 40g for Aluminum Edition)
Included Components	DotCase

Lighting Parameters	SPOTLIGHT				
	Brightness	TURBO	HIGH	LOW	Moonlight
		400-150 lm	150 lm	1 lm	0.1 lm
	Runtime	30s+1.5h	1.6h	23h	75h
	Max.Light Intensity	2500cd			
	Max.Beam Distance	100m			
	FLOODLIGHT				
	Brightness	TURBO	HIGH	LOW	Moonlight
		270-100 lm	100 lm	1 lm	0.1 lm
	Runtime	30s+1.5h	1.6h	23h	75h
Max.Light Intensity	100cd				
Max.Beam Distance	20m				
Impact Resistance	1m				
Waterproof Rating	IPX6				
Battery Capacity	600mAh				
Charging Power	(MAX) 2.5W (5V/500mA)				
Dimensions	60*27.5*18.4mm/2.36*1.08*0.72in				
Weight	Aluminium Edition 40g; Titanium Edition 51g (flashlight unit)				

Image: A comprehensive table detailing the LOOPDOT's lighting parameters (brightness, runtime, max intensity, beam distance for spotlight and floodlight) and other specifications like impact resistance, waterproof rating, battery capacity, charging power, dimensions, and weight.

9. WARRANTY & SUPPORT

9.1 Warranty Information

LOOP GEAR products are typically covered by a limited warranty against defects in materials and workmanship. Please refer to the warranty card included with your product or visit the official LOOP GEAR website for detailed warranty terms and conditions.

9.2 Customer Support

For technical assistance, troubleshooting not covered in this manual, or warranty claims, please contact LOOP GEAR customer support through their official website or the contact information provided with your purchase. Have your product model and purchase date ready when contacting support.