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Klarus FlatTac X1 Tactical Flashlight User Manual

Model: X1

1. PRODUCT OVERVIEW

The Klarus FlatTac X1 is an ultra-slim, high-performance tactical flashlight designed for everyday carry (EDC) and tactical applications. It features a powerful SST-70 LED, an intuitive dual-switch interface, and an OLED display for real-time information. Its compact and durable design makes it suitable for various outdoor and emergency situations.

Longer-lasting 4200 Lumen Peak Output

Featuring a High/Turbo first philosophy

Ideal for Law Enforcement, Private Security, Search and Rescue,
Self-Defense

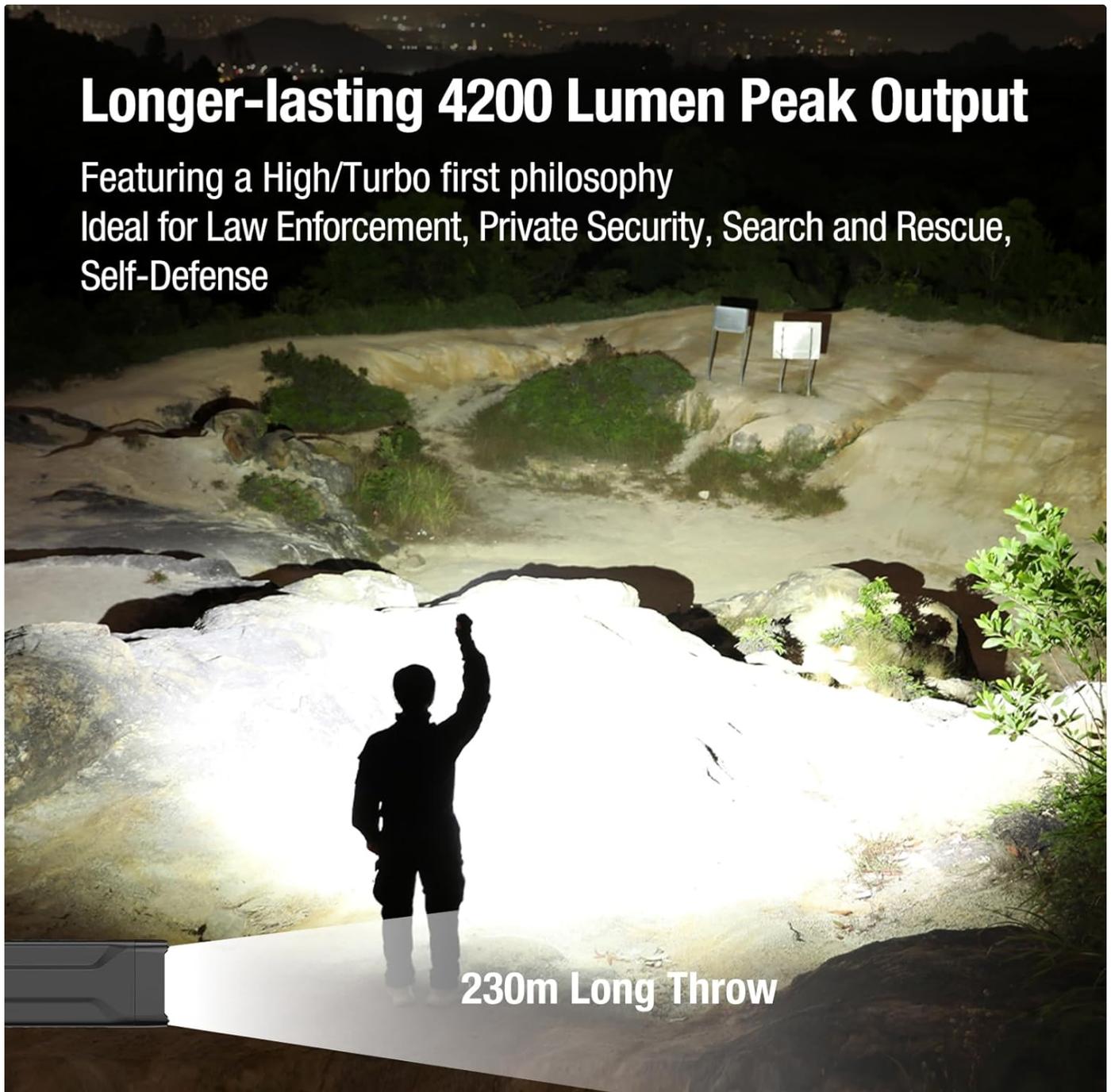


Image 1: The Klarus FlatTac X1 Tactical Flashlight, showcasing its sleek, flat design and dual-LED head.

Key Features:

- **Ultra-Bright Output:** Up to 4200 lumens with a 230-meter beam distance.
- **Slim & Compact Design:** Measures 0.57 inches thick and weighs 4.41 ounces, with an integrated pocket clip.
- **Tactical Dual Switch:** Provides quick access to various modes, including Turbo, High, Moonlight, Strobe, and SOS.
- **OLED Display:** Shows real-time battery level, brightness mode, and lock status.
- **USB-C Rechargeable:** Fast charging, fully charges in 2 hours, offering up to 48 hours of runtime.
- **Optimized Heat Sink:** Aerospace-grade aluminum construction with temperature control for efficient heat dissipation.
- **Proximity Sensor:** Automatically reduces brightness when close to obstructions to prevent overheating.
- **Durable Build:** IPX6 waterproof and impact-resistant, featuring ceramic beads for emergency glass breaking.

2. SETUP AND FIRST USE

2.1 Package Contents

Verify that all items are present in the package:

- Klarus FlatTac X1 Flashlight
- USB-C Charging Cable
- User Manual



Image 2: Contents of the Klarus FlatTac X1 package, including the flashlight, USB-C cable, and manual.

2.2 Initial Charging

Before first use, fully charge the flashlight. The Klarus FlatTac X1 features a built-in 2150mAh battery and supports USB-C fast charging.

1. Locate the USB-C charging port on the side of the flashlight.
2. Connect the provided USB-C cable to the flashlight and a compatible USB power source (e.g., wall adapter, computer USB port).
3. The OLED display will show a charging indicator. Charging typically takes approximately 2 hours.
4. Once fully charged, the display will indicate a full battery. Disconnect the charging cable.

Instant Access to 5 Critical Modes



Image 3: Close-up of the USB-C charging port on the Klarus FlatTac X1.

3. OPERATING INSTRUCTIONS

The FlatTac X1 features a tactical dual-switch design for intuitive control.

Intelligent OLED Display

Key information available at a glance



Image 4: The tactical dual-switch interface of the Klarus FlatTac X1, showing the main and auxiliary switches.

3.1 Switch Functions

• Main Switch (Black):

- Momentary-on Moonlight: Press and hold.
- One-Click Last Brightness: Single click to turn on to the last used brightness mode.
- Adjust Brightness: While on, single click to cycle through brightness levels (Moonlight → Low → Medium → High).
- Long-Press Off: Press and hold to turn off.

• Auxiliary Switch (Red):

- Momentary-on Turbo: Press and hold.
- One-Click Strobe: Single click to activate Strobe mode.
- Double-Click SOS: Double click to activate SOS mode.

3.2 Mode Operation

The FlatTac X1 offers 5 vital modes:

- **Moonlight:** Lowest brightness for discreet illumination.
- **Low:** Suitable for general close-range tasks.
- **Medium:** Balanced brightness for various uses.
- **High:** Strong illumination for broader areas.
- **Turbo:** Maximum brightness (4200 lumens) for powerful, long-range lighting.
- **Strobe:** Disorienting flash for self-defense or signaling.
- **SOS:** International distress signal.

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Video 1: Demonstration of the Klarus FlatTac X1's various lighting modes and tactical features. This video highlights the flashlight's performance in different scenarios.

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Video 2: A closer look at the super bright output and tactical capabilities of the Klarus FlatTac X1 flashlight, showcasing its effectiveness in low-light conditions.

3.3 Lockout Function

To prevent accidental activation and conserve battery, use the lockout function:

- **To Lock:** Triple-tap the Auxiliary (Red) Switch. The OLED display will show a lock icon.
- **To Unlock:** Triple-tap the Auxiliary (Red) Switch again. The lock icon will disappear.



Image 5: The Klarus FlatTac X1 in lockout mode, indicated by a lock icon on the OLED display.

3.4 OLED Display Information

The intelligent OLED display provides critical information at a glance:

- **Battery Level:** Shows remaining battery charge.
- **Brightness Mode:** Indicates the current lumen output (e.g., Moonlight, Low, Medium, High, Turbo).
- **Lock Status:** Displays a lock icon when the flashlight is in lockout mode.
- **Charging Indicator:** Appears when the flashlight is connected for charging.
- **Proximity Warning:** Displays "NEAR !" when the proximity sensor detects an obstruction, indicating reduced brightness.

Lightweight, Ultra-Thin

Weight: 125g, comparable to two eggs

Thickness: 14.5mm, comparable to Disposable Lighter



Image 6: The OLED display on the Klarus FlatTac X1, showing battery level, current lumen output, and other status indicators.

4. MAINTENANCE

4.1 General Care

- Clean the flashlight body with a soft, damp cloth. Avoid abrasive materials.
- Keep the USB-C port cover securely closed when not charging to maintain water resistance.
- Store the flashlight in a cool, dry place when not in use for extended periods.

4.2 Battery Care

- Recharge the battery regularly, even if not frequently used, to prolong its lifespan.
- Avoid fully depleting the battery before recharging.

4.3 Water Resistance

The FlatTac X1 has an IPX6 waterproof rating, meaning it is protected against powerful water jets. It is not designed for submersion.

Triple-Tap Lockout

Lock/Unlock by triple-tapping the Auxiliary



Image 7: The Klarus FlatTac X1 shown with water droplets, illustrating its IPX6 water resistance.

5. TROUBLESHOOTING

If you encounter issues with your Klarus FlatTac X1, refer to the following common problems and solutions:

- **Flashlight does not turn on:**

- Check battery level on the OLED display. Recharge if low.
- Ensure the flashlight is not in lockout mode. Triple-tap the Auxiliary Switch to unlock.

- **Flashlight does not charge:**

- 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.

- **Brightness decreases unexpectedly:**

- The proximity sensor may have detected an obstruction. Move the flashlight away from nearby objects.
- The flashlight may be overheating. Allow it to cool down.
- Battery level may be low. Recharge the flashlight.

If the issue persists, please contact Klarus customer support for further assistance.

6. SPECIFICATIONS

Detailed specifications for the Klarus FlatTac X1 Tactical Flashlight:

Feature	Specification
Model	X1
Light Source	SST-70 LED
Maximum Output	4200 Lumens
Beam Distance	230 meters
Battery	Built-in 2150mAh Lithium Ion
Charging Port	USB-C
Charging Time	Approx. 2 hours
Max Runtime	Up to 48 hours (Moonlight mode)
Water Resistance	IPX6
Impact Resistance	1 meter
Material	Aerospace-grade Aluminum
Dimensions	0.58"D x 1.26"W x 0.57"H
Weight	7.8 ounces (approx. 125g)

7. WARRANTY AND SUPPORT

Klarus products are manufactured to high-quality standards. For warranty information and customer support, please refer to the official Klarus website or contact your authorized dealer.

Manufacturer: KLARUS

For direct support, you may contact Klarus@ Direct.

