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Ledlenser 502559

Ledlenser TFX Arcturus 6500 Tactical Flashlight User Manual

Model: 502559

1. INTRODUCTION

The Ledlenser TFX Arcturus 6500 is a high-performance tactical flashlight engineered for demanding situations. It delivers ultra-bright white light and offers direct access to red, green, or blue light. Designed for law enforcement, security, rescue, survival, and outdoor use, this flashlight combines robust construction with advanced functionality, including a multi-color strobe and extreme water protection.

2. PACKAGE CONTENTS

Verify that all the following items are included in your package:

- TFX Arcturus 6500 Flashlight
- Pouch
- Lanyard
- USB Cable
- Battery (3 x 18650 Li-ion)

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your TFX Arcturus 6500 flashlight.



Figure 1: Full view of the TFX Arcturus 6500 Tactical Flashlight, showcasing its robust aluminum body and reflector head.



Figure 2: Close-up of the flashlight's control panel, featuring the silent double front switch and the four-LED battery and charge status indicator.

4. SETUP

4.1 Battery Installation

1. Unscrew the tail cap of the flashlight by turning it counter-clockwise.
2. Insert the three 18650 Li-ion batteries into the battery compartment, ensuring correct polarity (positive (+) end towards the head of the flashlight).
3. Screw the tail cap back on clockwise until it is securely tightened.

4.2 Initial Charging

Before first use, fully charge the flashlight's batteries.

1. Locate the USB charging port, typically protected by a rubber cover.
2. Connect the provided USB cable to the flashlight and to a suitable USB power source (e.g., wall adapter, computer USB port).
3. The four LEDs on the control panel will indicate the charging status. All four LEDs illuminated steadily indicate a full charge.
4. Once fully charged, disconnect the USB cable and ensure the rubber cover is properly sealed to maintain water resistance.

4.3 Lanyard Attachment

Attach the lanyard to the designated loop on the tail cap for secure handling and to prevent accidental drops.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off and Brightness Modes

The TFX Arcturus 6500 features a silent double front switch for intuitive control.

- **To Turn On/Off:** Press and hold the main power button (larger button) for approximately 1 second.
- **To Cycle Brightness (White Light):** With the flashlight on, short press the main power button to cycle through the three brightness levels (High, Medium, Low).
- **Burst Function:** From any mode, double-press the main power button for a momentary burst of maximum output. Release to return to the previous mode.

5.2 Color Light Modes (Red, Green, Blue)

The smaller, secondary button on the control panel allows direct access to color light modes.

- **To Activate Color Light:** With the flashlight off, press and hold the secondary button. The flashlight will turn on in the last used color mode.
- **To Cycle Colors:** With the color light on, short press the secondary button to cycle through Red, Green, and Blue.
- **To Turn Off Color Light:** Press and hold the secondary button again, or press the main power button.

5.3 Multi-Color Strobe

The multi-color strobe function allows the flashlight to flash in all four available colors (white, red, green, blue).

- **To Activate Multi-Color Strobe:** With the flashlight on (in any white or color mode), double-press the secondary button.
- **To Deactivate Multi-Color Strobe:** Short press either the main power button or the secondary button.

5.4 Intelligent Memory Function

The flashlight remembers the last used white light brightness level and color light mode. When turned on, it will revert to the previously selected setting.

5.5 Lock Function

To prevent accidental activation during transport or storage, the flashlight features a lock function.

- **To Activate Lock:** With the flashlight off, press and hold both the main power button and the secondary button simultaneously for approximately 3 seconds until the indicator LEDs flash.
- **To Deactivate Lock:** Repeat the activation process. The indicator LEDs will flash to confirm unlock.

5.6 Battery and Charge Status Display

The four LEDs on the control panel provide real-time battery status and charging progress.

- **Battery Status:** When the flashlight is on, the LEDs indicate the remaining battery capacity. Four LEDs mean full, one LED means low battery.
- **Charging Status:** During charging, the LEDs will progressively illuminate to show charging progress.

6. MAINTENANCE

6.1 Cleaning

- Wipe the flashlight body with a soft, damp cloth. Avoid abrasive cleaners.
- Clean the lens with a lens cleaning cloth to maintain optimal light output.
- Periodically clean the threads of the tail cap and apply a thin layer of silicone grease to maintain water resistance and smooth operation.

6.2 Battery Care

- Always use the recommended 18650 Li-ion batteries.
- Charge batteries regularly, even if the flashlight is not in frequent use, to prolong battery life.
- Store the flashlight in a cool, dry place. For long-term storage, remove the batteries.

6.3 Water Resistance (IPX8)

The TFX Arcturus 6500 is rated IPX8, meaning it is protected against continuous immersion in water under conditions specified by the manufacturer. Ensure all caps and covers are securely closed before exposing the flashlight to water.

7. TROUBLESHOOTING

If you encounter issues with your flashlight, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Flashlight does not turn on.	Low or depleted battery. Incorrect battery installation. Lock function activated.	Charge the battery. Check battery polarity. Deactivate lock function.

Problem	Possible Cause	Solution
Light output is dim.	Low battery. Dirty lens.	Charge the battery. Clean the lens.
Flashlight flickers.	Loose tail cap. Dirty battery contacts.	Tighten tail cap. Clean battery contacts with a clean cloth.
Charging does not start.	Faulty USB cable or power source. Charging port obstruction.	Try a different USB cable or power source. Check charging port for debris.

8. SPECIFICATIONS

Detailed technical specifications for the TFX Arcturus 6500 Tactical Flashlight.

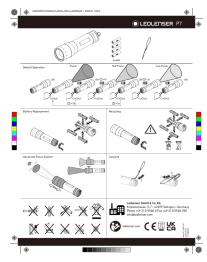
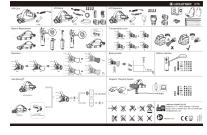
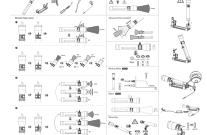
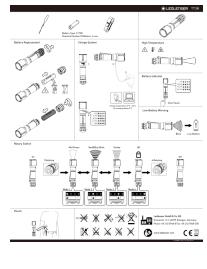
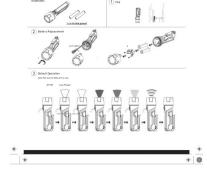
Feature	Detail
Model Number	502559
Brightness	Up to 6500 Lumens
Light Source Type	LED (White, Red, Green, Blue)
Power Source	Battery Powered
Battery Type	3 x 18650 Lithium Ion (included)
Voltage	3.6 Volts
Material	Aluminium
Water Resistance Level	IPX8
Item Weight	512 Grams
Item Dimensions (LxWxH)	15.1 x 4.7 x 6 Centimeters
Special Features	Cordless, RGB tri-color light function, Three-segment brightness + burst function, Silent double front switch, Multi-color strobe, Intelligent memory, Lock function, Roll protection, Glass pane

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the documentation provided with your purchase or visit the official Ledlenser website. Keep your proof of purchase for warranty claims.

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Related Documents - 502559

	<p><u>LEDLENSER P7 Flashlight User Manual and Operating Guide</u></p> <p>Comprehensive guide to the LEDLENSER P7 flashlight, covering default operation, battery replacement, advanced focus system, lanyard attachment, and recycling information.</p>
	<p><u>Ledlenser H7R Series Headlamp User Guide and Features</u></p> <p>Comprehensive guide to the Ledlenser H7R Core, H7R Work, and H7R Signature headlamps, detailing battery replacement, operation modes, app connectivity, magnetic charging, advanced features like boost and focus adjustment, and accessory mounting options for various activities.</p>
	<p><u>Ledlenser P5R Core and P5R Work Flashlight User Guide</u></p> <p>Comprehensive guide to operating and customizing the Ledlenser P5R Core and P5R Work LED flashlights, covering basic functions, battery replacement, advanced features, and light mode customization.</p>
	<p><u>Ledlenser P17R Core Flashlight User Manual and Guide</u></p> <p>Comprehensive guide to the Ledlenser P17R Core flashlight, covering default operation, advanced features like the Advanced Focus System and Backup Mode, customizing functions, and charging. Includes detailed instructions and safety information.</p>
	<p><u>Ledlenser TT3R Flashlight User Guide and Features</u></p> <p>Explore the features and operation of the Ledlenser TT3R flashlight, including battery replacement, charging, various light modes, and important warnings. This guide provides essential information for users.</p>
	<p><u>LEDLENSER KIDBEAM4 User Manual and Operation Guide</u></p> <p>Concise guide to operating the LEDLENSER KIDBEAM4 flashlight, including battery replacement and light mode selection. Learn how to use your KIDBEAM4 effectively.</p>

