DEFENTAC B0D8YFVZPP

DEFENTAC Green/IR Laser and White/Infrared Flashlight Combo (4-in-1)

MODEL: B0D8YFVZPP - INSTRUCTION MANUAL

1. Introduction

This manual provides detailed instructions for the safe and effective use of your DEFENTAC Green/IR Laser and White/Infrared Flashlight Combo. Please read this manual thoroughly before operating the device and retain it for future reference.



Figure 1: DEFENTAC Green/IR Laser and White/Infrared Flashlight Combo. This image displays the device with its green visible laser and infrared light capabilities, alongside its M-LOK and Picatinny rail mounting options.

2. Safety Information

WARNING: This device contains a Class IIIa laser. Improper use can result in serious eye injury. Always follow these safety guidelines:

- **Never** look directly into the laser beam.
- **Never** point the laser at people or animals.
- **Never** point the laser at reflective surfaces.
- Ensure the device is turned off or in a safe mode when not in active use.
- Keep out of reach of children.
- The laser power output is less than 5mW.

3. Package Contents

Verify that all items are present in the package:

- DEFENTAC Green/IR Laser and White/Infrared Flashlight Combo Unit
- Remote Pressure Switch with Straight Wire
- Magnetic USB Charging Cable
- M-LOK Mounting Hardware
- Picatinny Mounting Hardware
- 2x 3.5mm M-LOK Spacers
- Instruction Manual

4. Product Overview and Components

Familiarize yourself with the various parts of your device:

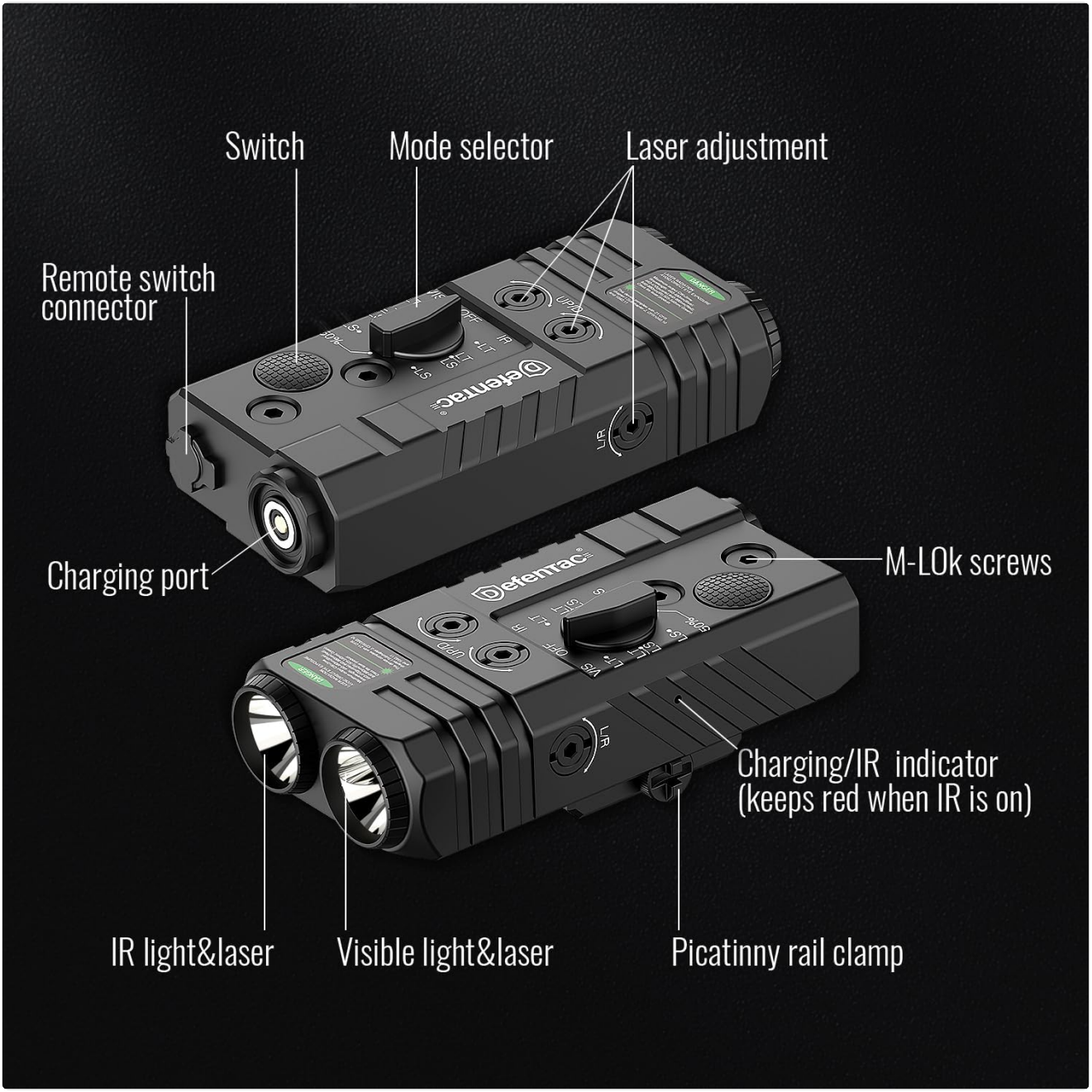


Figure 2: Component identification. This diagram labels key parts including the main switch, mode selector, laser adjustment screws, remote switch connector, charging port, M-LOK screws, charging/IR indicator, IR light/laser, visible light/laser, and Picatinny rail clamp.

1. **Switch:** Main power and mode activation button.
2. **Mode Selector:** Rotary switch to select visible or invisible light/laser functions.
3. **Laser Adjustment:** Screws for adjusting laser elevation (UP/D) and windage (L/R).
4. **Remote Switch Connector:** Port for connecting the remote pressure switch.
5. **Charging Port:** Magnetic charging interface.
6. **M-LOK Screws:** Fasteners for M-LOK rail attachment.
7. **Charging/IR Indicator:** LED light indicating charging status or IR activation (red when IR is on).
8. **IR Light & Laser:** Infrared light and laser emitters.
9. **Visible Light & Laser:** White flashlight and green visible laser emitters.
10. **Picatinny Rail Clamp:** Integrated clamp for Picatinny rail attachment.

5. Specifications

Key technical specifications of the DEFENTAC Combo:



Figure 3: Product dimensions and performance metrics. This image details the device's physical measurements and key specifications such as flashlight output, laser throw distance, waterproof rating, run time, and weight.

Feature	Specification
Material	6063 Aluminum Alloy
Visible Light Output	1450 Lumens
IR Light Output	3W
Laser Power Output	< 5mW (Class IIIa)
Laser Beam Distance (Day)	Approx. 200 meters
Laser Beam Distance (Night)	Approx. 2000 meters
Waterproof Rating	IPX6

Light Run Time	75-180 minutes
Laser Run Time	20-25 hours
Weight	175g

6. Setup and Installation

The DEFENTAC Combo supports both Picatinny and M-LOK rail systems without additional adapters.

6.1 Mounting on Picatinny Rail

- Loosen the Picatinny rail clamp screw.
- Align the device with the desired slot on your Picatinny rail.
- Tighten the clamp screw until the device is securely fastened.

6.2 Mounting on M-LOK Rail

- Align the M-LOK screws with the M-LOK slots on your rail.
- Insert the screws and rotate the device to engage the T-nuts.
- Tighten the M-LOK screws until the device is firmly attached.



Figure 4: Flexible mounting. This image illustrates how the device can be mounted on both M-LOK and Picatinny rail systems.

6.3 Using M-LOK Spacers

If your M-LOK handguard has a raised part (e.g., MOE handguard) that prevents flush mounting, use the included 3.5mm M-LOK spacers.

- Place the spacers between the device and the M-LOK rail to bridge gaps up to 3.5mm.
- Secure the device using the M-LOK screws through the spacers.



Figure 5: M-LOK spacer application. This image demonstrates how to use the included 3.5mm M-LOK spacers to ensure proper fitment on handguards with raised sections.

6.4 Attaching the Remote Pressure Switch

- Connect the remote pressure switch's plug into the remote switch connector on the device.
- Use the switch mounting module to attach the pressure switch to your rail, ensuring the wire is routed neatly.

7. Operation

The device features a 4-in-1 capability with a rotary mode selector for various functions.



Figure 6: Mode selection. This image shows the rotary mode selector and its settings for both invisible IR light/laser and visible white light/laser functions.

7.1 Function Selector

Rotate the Function Selector dial to choose your desired mode:

- **Left Side Settings (Visible Functions):**
  - Visible Laser only
  - Visible Light only
  - Visible Laser and Light combined
- **Right Side Settings (Invisible Functions):**
  - Invisible Laser only (IR Laser)
  - Invisible Light only (IR Light)
  - Invisible Laser and Light combined (IR Laser and IR Light)

7.2 Switch Button Functions

The main switch button (or remote pressure switch) controls activation:

- **ON / OFF:** Single-press the switch button to turn the selected flashlight / laser function ON or OFF.
- **Strobe:** Double-press the switch button quickly to activate strobe mode for the selected flashlight / laser function.
- **Momentary On:** Single or double press the switch button and hold it. The selected function will remain active as long as the button is held and will turn off upon release.

7.3 Laser Adjustment

Use a small flathead screwdriver or appropriate tool to adjust the laser:

- **UP/D:** Adjusts the laser's vertical alignment (elevation).
- **L/R:** Adjusts the laser's horizontal alignment (windage).

8. Charging

The DEFENTAC Combo features a rechargeable polymer battery with magnetic USB charging.



Figure 7: Magnetic charging. This image illustrates the magnetic charging port and compatible power sources such as car chargers, USB wall adapters, laptops, and power banks.

- Connect the magnetic end of the USB charging cable to the charging port on the device.
- Connect the other end of the USB cable to a compatible USB power source (e.g., USB wall adapter, computer USB port, power bank, car charger).
- The charging/IR indicator light will show the charging status.
- The magnetic charging design helps maintain water resistance.

9. Maintenance

Proper maintenance ensures the longevity and performance of your device.

- **Cleaning:** Use a soft, damp cloth to wipe the exterior of the device. Do not use abrasive cleaners or solvents. Ensure the lens and laser apertures are clean for optimal performance.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.

- **Battery Care:** For long-term storage, ensure the battery is partially charged (around 50%) to prevent deep discharge. Recharge periodically if stored for extended periods.
- The device features a shockproof aluminum housing and is water-resistant (IPX6), but avoid prolonged submersion.

10. Troubleshooting

If you encounter issues with your DEFENTAC Combo, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not turn on.	Low battery. Incorrect mode selection.	Charge the device fully. Ensure the mode selector is set to an active function (e.g., Visible Light, IR Laser).
Laser is not visible or weak.	Incorrect mode selection (IR laser selected instead of visible). Dirty laser aperture.	Rotate the mode selector to a visible laser setting. Clean the laser aperture with a soft cloth.
Flashlight is not working or dim.	Low battery. Incorrect mode selection.	Charge the device fully. Ensure the mode selector is set to a light function (e.g., Visible Light, IR Light).
Remote pressure switch not responding.	Loose connection. Damaged switch.	Ensure the remote switch is securely plugged into the device. Test the main switch button on the device. If the main switch works, the remote switch may be faulty.

11. Official Product Videos

No official product video URLs from the seller were provided in the product data for embedding in this manual.

12. Warranty and Support

Specific warranty details for the DEFENTAC Green/IR Laser and White/Infrared Flashlight Combo are typically provided at the point of purchase or can be found on the official DEFENTAC website. For technical support, troubleshooting assistance, or warranty claims, please contact DEFENTAC customer service through their official channels.

Visit the DEFENTAC Store on Amazon for more information.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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