DEFENTAC DF-9031-SJ

DEFENTAC 1600 Lumens Green Laser Light Combo User Manual

Model: DF-9031-SJ

Introduction

This manual provides detailed instructions for the DEFENTAC 1600 Lumens Green Laser Light Combo. It covers setup, operation, maintenance, and troubleshooting to ensure optimal performance and safe use of your device. This 2-in-1 mounted green combo features a powerful 1600 lumens flashlight and a bright green laser, compatible with M-Lok and Picatinny rails, and includes a built-in pressure switch for convenient operation.

Packing List

Please verify that all items listed below are included in your package:

- 1 x 1600 Lumens Flashlight with Green Beam
- 1 x Charging Cable
- 2 x 3MM Spacers
- 1 x Adjust Tool
- 1 x User Manual
- 2 x Clamps (for mounting)



Figure 1: Contents of the product package, showing the flashlight laser combo, charging cable, 3mm spacers, adjust tool, and user manual.

Setup

Mounting Options

The DEFENTAC laser light combo offers versatile mounting options, compatible directly with both M-Lok and Picatinny rails without the need for additional adapters. The design supports 45 or 90-degree installation positions, ensuring a low profile that will not obstruct your scopes.

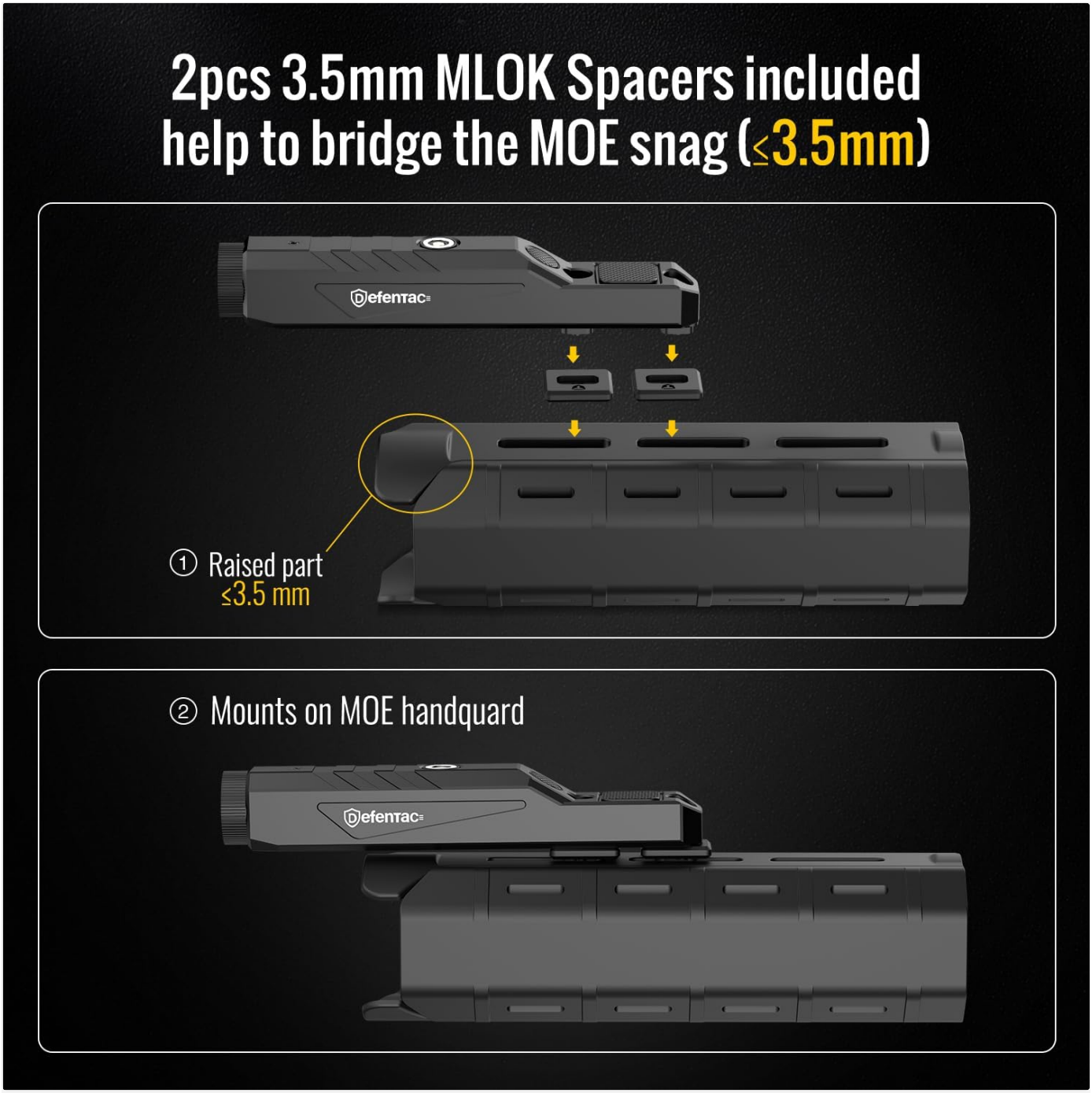


Figure 2: Illustration of using 3.5mm M-LOK spacers to ensure proper fit on MOE handguards, bridging potential snags.



Figure 3: The device can be mounted at 45 or 90-degree angles for optimal user preference and minimal obstruction.

Installation Steps

1. Identify the desired mounting position on your M-Lok or Picatinny rail.
2. Align the device's mounting clamps with the rail slots.
3. Use the provided adjust tool to securely fasten the screws, ensuring a tight fit.

4. If using an MOE handguard with a raised part, utilize the included 3MM spacers to bridge any snags and ensure a flush mount.

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Video 1: Demonstrates the unboxing, features, and mounting options for the DEFENTAC 1600 Lumens Laser Light Combo, including how to attach it to M-Lok/Picatinny rails and use the magnetic charging.

Operating Instructions

Power On/Off and Mode Selection

The device features a built-in pressure pad switch for easy activation and mode cycling. It supports three distinct modes: Steady, Momentary, and Strobe.

- **Steady Mode:** Single press the laser/flashlight switch to activate the steady mode for continuous light or laser.
- **Momentary Mode:** Single or double press the switch and hold it. The light/laser will remain active as long as the switch is held down and will turn off upon release.
- **Strobe Mode:** Double press the switch quickly to activate the strobe mode for the flashlight or laser.



Figure 4: The tactical touch pad allows for easy switching between steady, momentary, and strobe modes for both the light and laser functions.

Battery Level Indicator

The device is equipped with a tri-colored power level indicator to keep you informed about the remaining battery life:

- **Red:** Less than 30% battery remaining.
- **Yellow:** 30%-70% battery remaining.
- **Green:** 70%-100% battery remaining.



Figure 5: The power indicator lights up in red, yellow, or green to show the current battery level.

Maintenance

Charging

The DEFENTAC laser light combo features magnetic charging for convenience. It can be easily recharged while still mounted using the included magnetic charging cable.

- Connect the magnetic charging cable to the charging port on the device.
- Connect the USB end of the cable to a compatible power source (e.g., car charger, USB wall adapter, laptop).
- The power indicator will show charging status and turn green when fully charged.



Figure 6: Magnetic charging allows for convenient power replenishment from various USB sources.

Cleaning and Storage

- Wipe the device with a soft, dry cloth to remove dust and debris.
- Avoid using abrasive cleaners or solvents that could damage the finish or internal components.
- Store the device in a cool, dry place away from direct sunlight and extreme temperatures.

Troubleshooting

Problem	Possible Cause	Solution
Device does not turn on.	Low battery; incorrect switch operation.	Charge the device using the magnetic charging cable. Ensure the switch is pressed correctly for steady or momentary mode.
Laser or light is dim.	Low battery.	Recharge the device. Check the power level indicator.

Problem	Possible Cause	Solution
Device does not mount securely.	Improper installation; incorrect rail type; missing spacers.	Ensure screws are tightened. Verify compatibility with M-Lok/Picatinny. Use 3MM spacers if mounting on MOE handguards.
Laser does not hold zero.	Loose mounting; excessive recoil.	Ensure the device is securely mounted and all screws are tightened. Re-zero the laser as needed.

Specifications

- **Model:** DF-9031-SJ
- **Light Source Type:** LED
- **White Brightness:** 1600 Lumens
- **Laser Output:** <5mW, Class IIIA Green Laser
- **Tactical Flashlight Beam Distance:** 240 meters
- **Green Laser Beam Distance:** Approximately 200 meters (day), 2000 meters (night)
- **Material:** Aluminum, Polymer
- **Mounting Type:** M-Lok/Picatinny Rail Compatible
- **Power Source:** Battery Powered (1 Lithium Polymer battery included)
- **Battery Runtime:**
  - Flashlight only: Approximately 75 minutes
  - Flashlight and Laser: Approximately 60 minutes
  - Green Beam only: Approximately 20 hours
- **Charging:** Magnetic Charging
- **Water Resistance Level:** Waterproof (IPX6)
- **Shockproof:** Yes
- **Dimensions:** 5.3"D x 0.86"W x 0.87"H
- **Item Weight:** 2.56 Ounces



Figure 7: Key specifications and physical attributes of the DEFENTAC laser light combo.

Warranty & Support

The DEFENTAC 1600 Lumens Green Laser Light Combo comes with a limited warranty. For detailed warranty information, please refer to the warranty card included in your package or contact DEFENTAC customer support. If you encounter any issues or have questions regarding your product, please contact our customer support team:

- **Email:** [Insert Customer Support Email Here]
- **Phone:** [Insert Customer Support Phone Number Here]
- **Website:** Visit the DEFENTAC Store on Amazon

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