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DEFENTAC DF-54

DEFENTAC DF-54 Gun Light Laser Combo User Manual

For Glock 42, Glock 43, Glock 43X, Glock 48 (No Rail or MOS Models)

1. Introduction

Thank you for choosing the DEFENTAC DF-54 Gun Light Laser Combo. This device integrates a 600-lumen flashlight and a green laser sight, designed for specific Glock models without a rail or MOS system. This manual provides essential information for safe operation, installation, and maintenance of your device. Please read it thoroughly before use.

2. Safety Information

WARNING: Laser Radiation. Avoid direct eye exposure. Class IIIA Laser Product.

- Always ensure the firearm is unloaded and safe before installing, adjusting, or performing maintenance on the light/laser combo.
- Never point the laser beam at people or animals.
- Do not look directly into the laser beam or flashlight.
- Keep out of reach of children.
- Use only the provided charging cable.
- This product contains a non-replaceable lithium polymer battery. Do not attempt to open or modify the device.

3. Package Contents

Verify that all items are present in the package:

- DEFENTAC DF-54 Green Beam Light Combo (x1)
- Magnetic Charging Cable (x1)
- Allen Tools (x2)
- Spare Screws (x1)
- User Manual (x1)



Image: Contents of the DEFENTAC DF-54 package, showing the main unit, charging cable, two Allen keys, and a small bag of spare screws, alongside the user manual.

4. Product Overview and Features

The DEFENTAC DF-54 is a compact and durable light and laser combination unit.

4.1 Key Features:

- **Compatibility:** Exclusively designed for Glock 42, 43, 43X, and 48 models *without* a rail or MOS system. Not compatible with other pistols.
- **Light Output:** 600 Lumens LED flashlight.
- **Laser:** Green laser beam (Class IIIA, <5mW output).
- **Tactical Modes:** Constant On, Momentary On, and Strobe for both light and laser.
- **Rechargeable:** Magnetic USB rechargeable, allowing charging without removal from the firearm.
- **Controls:** Ambidextrous buttons for mode selection and an independent main power switch.

- **Adjustability:** Adjustable windage and elevation for laser zeroing.
- **Construction:** Made from Nylon reinforced fiber material (Polymer) for shock resistance and light weight.
- **Battery Life:** Approximately 60 minutes for flashlight only; 6 hours for green laser only.

4.2 Product Diagram:

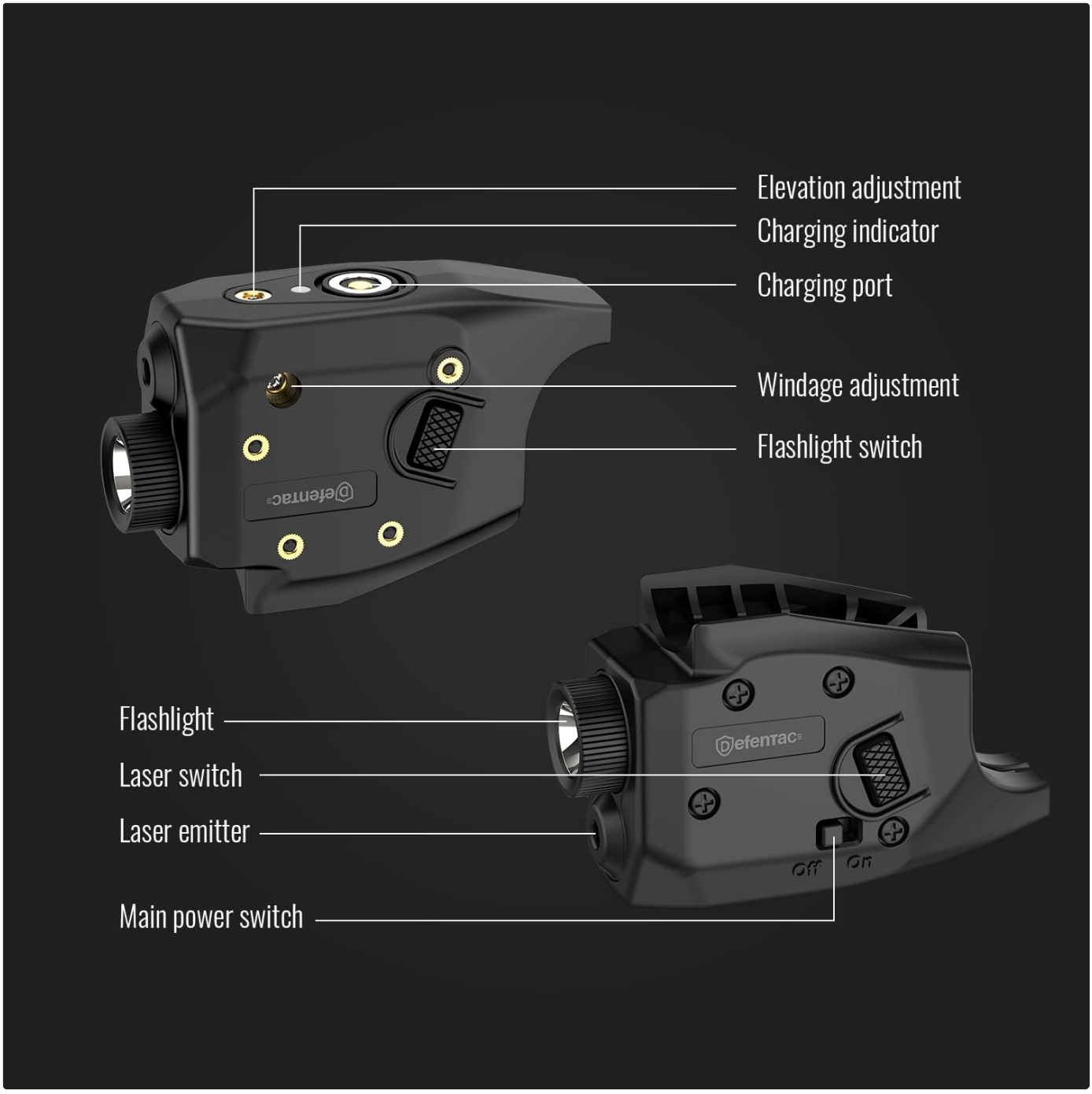


Image: Labeled diagram of the DEFENTAC DF-54 unit, highlighting key components such as the flashlight, laser emitter, main power switch, flashlight switch, windage and elevation adjustment screws, charging port, and charging indicator.

4.3 Compatibility Guide:

Image: A visual guide illustrating which Glock models are compatible (G42, G43, G43X, G48 without rail or MOS) and which are not (G43X Rail, G43X MOS, G48 Rail, G48 MOS) with the DEFENTAC DF-54.

5. Installation

Before installation, ensure your firearm is unloaded and safe. Follow these steps carefully:

1. Ensure the main power switch on the DF-54 is in the "OFF" position.
2. Align the DF-54 unit with the trigger guard of your compatible Glock model (G42, G43, G43X, G48 without rail or MOS).
3. Gently press the two halves of the DF-54 together around the trigger guard.
4. Insert the provided screws from the flashlight side of the unit. Use one of the included Allen tools to tighten the screws.
5. **Important:** Do not overtighten the screws. Tighten until snug to secure the unit firmly without causing damage.

Installation Video Guide:

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Video: A step-by-step guide demonstrating how to install the DEFENTAC DF-54 light and laser combo onto a compatible Glock pistol. This video shows the alignment and securing process.

Your browser does not support the video tag.

Video: A detailed demonstration focusing on the correct method for inserting and tightening the screws from the flashlight side during installation, emphasizing not to overtighten.

6. Operation

The DF-54 features ambidextrous control buttons and a main power switch.

6.1 Main Power Switch:

Located on the bottom of the unit, this switch controls the overall power to the device. Slide it to "ON" to enable the light and laser functions, and to "OFF" to disable them and conserve battery.

6.2 Mode Selection (Ambidextrous Buttons):

Once the main power switch is "ON", use the left or right control button to cycle through modes:

- **Single Press:** Activates Constant On mode for the last used setting (e.g., flashlight only, laser only, or both). Press again to turn off.
- **Press and Hold:** Activates Momentary On mode. The light/laser will stay on as long as the button is held down. Release to turn off.
- **Double Press:** Activates Strobe mode for the light and/or laser. Double press again to return to Constant On, or single press to turn off.

6.3 Switching Between Light, Laser, or Both:

To switch between flashlight only, laser only, or both, press and hold both ambidextrous buttons simultaneously for approximately 2 seconds. The unit will cycle through the combinations. Release the buttons when your desired combination is active.



Image: Visual representation of the three operational modes: green laser only, flashlight only, and both green laser and flashlight active simultaneously.

7. Laser Adjustment (Zeroing)

The green laser can be adjusted for windage and elevation to align with your firearm's point of impact.

1. **Elevation Adjustment:** Use one of the provided Allen tools to turn the screw located on the top of the unit. Turning clockwise or counter-clockwise will move the laser beam up or down.
2. **Windage Adjustment:** Use one of the provided Allen tools to turn the screw located on the side of the unit. Turning

clockwise or counter-clockwise will move the laser beam left or right.

3. **Important:** Make small, incremental adjustments. Adjust elevation and windage interactively. Do not force the screws in only one direction, as this may lock or damage the internal threads.
4. Perform adjustments at a safe shooting range, following all firearm safety rules, to zero the laser accurately.

8. Charging the Battery

The DEFENTAC DF-54 features a magnetic USB charging system.

1. Ensure the main power switch is in the "OFF" position before charging.
2. Connect the magnetic end of the charging cable to the charging port on the DF-54 unit. The magnetic connection will secure it in place.
3. Connect the USB-A end of the cable to a standard USB power source (e.g., wall adapter, computer USB port, power bank).
4. The charging indicator light will illuminate (typically red) during charging. It will change color (typically green or turn off) when fully charged.
5. Charging typically takes a few hours. The unit can be charged without being removed from the firearm, preserving zero settings.



Image: The DEFENTAC DF-54 unit connected to its magnetic charging cable, illustrating the charging process and the location of the charging indicator light.

Image: A detailed view of the magnetic charging port and the magnetic charging cable connecting to the DEFENTAC DF-54, emphasizing the convenience of not needing to remove the unit for charging.

9. Maintenance

- **Cleaning:** Use a soft, dry cloth to wipe down the unit. For stubborn dirt, a slightly damp cloth can be used, followed by immediate drying. Do not use harsh chemicals or abrasive cleaners.
- **Lens Care:** Gently clean the flashlight lens and laser emitter with a lens cleaning cloth or cotton swab. Avoid scratching the surfaces.
- **Storage:** Store the unit in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the main power switch is "OFF" during storage.
- **Battery:** The internal battery is non-replaceable. For optimal battery life, avoid fully discharging the unit frequently.

Recharge when the indicator suggests low power.

10. Troubleshooting

Problem	Possible Cause	Solution
Unit does not turn on.	Main power switch is OFF. Battery is depleted.	Slide main power switch to ON. Charge the battery.
Light/Laser is dim or flickers.	Low battery.	Recharge the battery fully.
Laser cannot be zeroed.	Adjustment screws are at their limit or damaged.	Ensure adjustments are made interactively. If still unable to zero, contact customer support.
Unit feels loose on firearm.	Mounting screws are loose.	Gently tighten the mounting screws with the Allen tool. Do not overtighten.

11. Specifications

Model:	DF-54
Compatibility:	Glock 42, 43, 43X, 48 (No Rail or MOS)
Light Output:	600 Lumens
Laser Type:	Green Laser, Class IIIA, <5mW
Power Source:	Integrated Lithium Polymer Battery
Charging:	Magnetic USB Rechargeable
Runtime (Flashlight Only):	Approx. 60 minutes
Runtime (Laser Only):	Approx. 6 hours
Material:	Nylon Reinforced Fiber (Polymer)
Dimensions (L x W x H):	2.5" x 1.1" x 1.7"
Weight:	45 g
Water Resistance:	Waterproof (IPX4 rating implied by "Waterproof" in specs)



Image: The DEFENTAC DF-54 unit with its key dimensions (length, width, height) clearly marked, along with icons indicating flashlight brightness, beam distance, run time, and waterproof rating.

12. Warranty and Support

The DEFENTAC DF-54 Gun Light Laser Combo comes with a**1-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.
For warranty claims, technical support, or any questions regarding your product, please contact DEFENTAC customer service through the retailer where the product was purchased or visit the official DEFENTAC website for contact information.
Please retain your proof of purchase for warranty service.

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Details

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

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