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DEFENTAC DF-1063

DEFENTAC DF-1063 Green Laser Sight Instruction Manual

Introduction

This manual provides detailed instructions for the proper installation, operation, and maintenance of your DEFENTAC DF-1063 Green Laser Sight. Please read this manual thoroughly before using the product to ensure safe and effective operation. The DF-1063 is designed for use with firearms equipped with a 21MM width rail that includes a cross slot.



Image: The DEFENTAC DF-1063 Green Laser Sight, a compact and low-profile device.

Safety Information

WARNING: Laser radiation. Avoid direct eye exposure. This device emits Class IIIA laser radiation with an output of less than 5mW. Improper use can result in eye injury.

- Never look directly into the laser beam.
- Do not point the laser at aircraft or vehicles.
- Ensure the laser is off or covered when not in use.
- Keep out of reach of children.
- Always follow local laws and regulations regarding laser devices and firearms.

What's in the Box

Verify that all items are present upon unboxing:

- Green Laser Sight (1 unit)
- Charging Cable (1 unit)
- Adjustment Tools (2 units)

- User Manual (1 unit)

Setup

Mounting the Laser Sight

The DF-1063 Green Laser Sight is compatible with firearms featuring a 21MM width rail with a cross slot. It features a patented adjustable rail system for maximum location adjustment.

1. Ensure the firearm is unloaded and safe before beginning installation.
2. Align the laser sight's rail clamp with the firearm's accessory rail.
3. Slide the laser sight onto the rail.
4. Tighten the mounting screw using the provided adjustment tool until secure. Do not overtighten.
5. Adjust the position of the laser sight forward or backward on the rail as needed for optimal fit and balance.

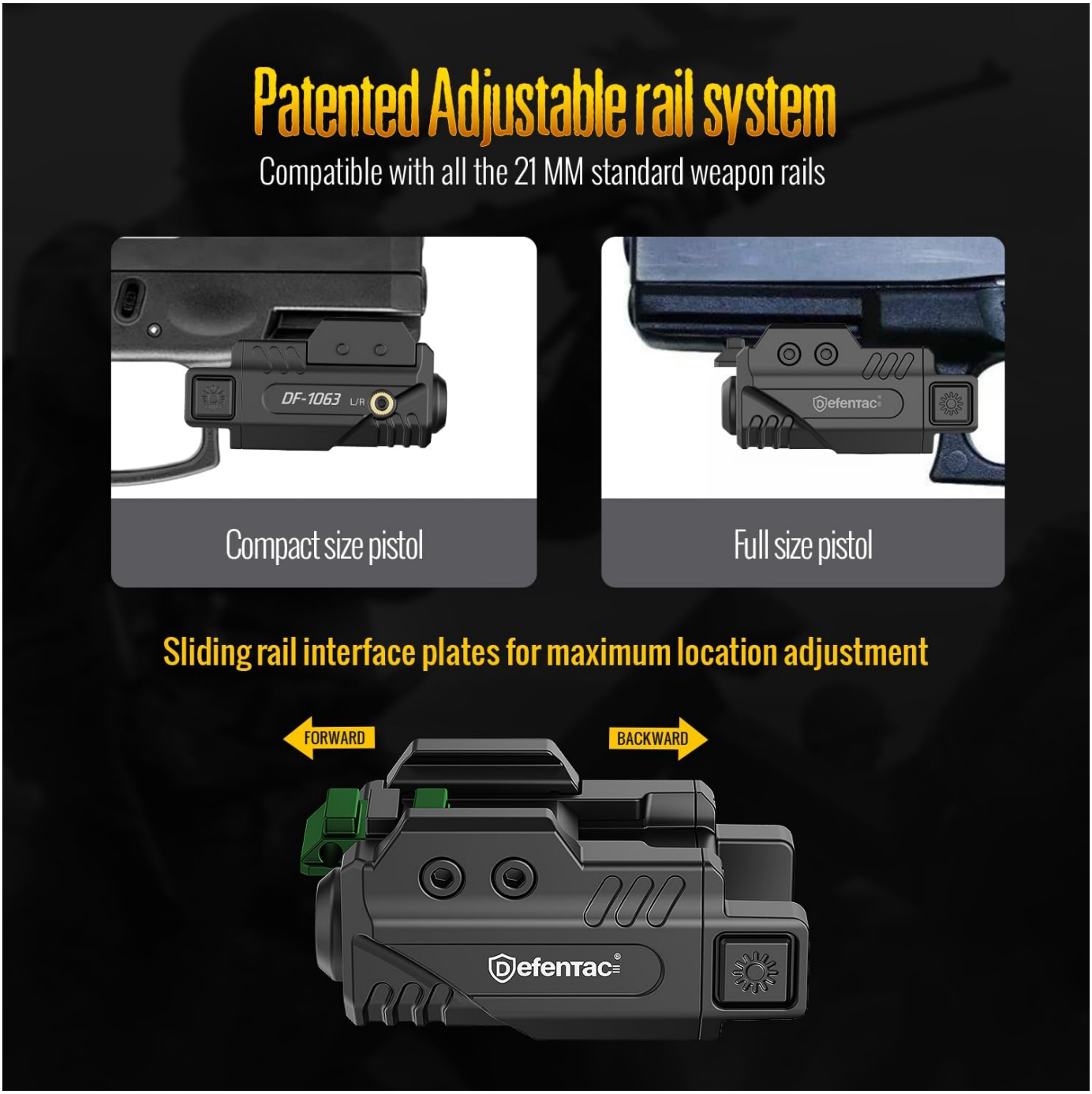


Image: Illustration of the patented adjustable rail system, showing compatibility with compact and full-size pistols and how to adjust the laser sight's position on the rail.



Image: Visual guide indicating compatible and incompatible pistol rail types. It shows that pistols with no rail, no cross slot, or non-standard 21mm Picatinny rails are not compatible, while Picatinny rails with one-slot, multi-slots, or on a rifle are compatible.



Image: Step-by-step diagram illustrating the easy mounting process of the laser sight onto a firearm rail.

Charging the Battery

The DF-1063 features a rechargeable battery with magnetic charging capability.

1. Connect the provided magnetic charging cable to a USB power source (e.g., car charger, USB charger, laptop, power bank).
2. Attach the magnetic end of the cable to the charging port on the laser sight.
3. A full charge typically takes approximately 1.5 hours and provides about 3-4 hours of maximum running time.



Image: The laser sight connected to its magnetic charging cable, with examples of compatible USB power sources like car chargers, wall adapters, laptops, and power banks.

Operating Instructions

Activating the Laser

The laser sight features ambidextrous switches for easy activation by both left and right-handed users.

- Press either the left or right switch to turn the laser ON.
- Press the switch again to turn the laser OFF.

Your browser does not support the video tag.

Video: A demonstration of the DEFENTAC laser sight, highlighting its low profile, compact size, and ambidextrous activation switches for red, blue, and green laser models.

Adjusting Elevation and Windage

To zero the laser, adjust the elevation and windage screws using the provided adjustment tools.

- **Elevation Adjustment:** Turn the top screw to adjust the laser beam vertically.
- **Windage Adjustment:** Turn the side screw to adjust the laser beam horizontally.
- **Important:** Adjust elevation and windage slowly and interactively. Adjusting only one direction excessively may lock or damage the threads.
- Maximum Elevation Adjustment: Approximately 2 target circles.
- Maximum Windage Adjustment: Approximately 1.5 target circles.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the laser sight. Do not use abrasive cleaners or solvents.
- **Storage:** Store the laser sight in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** Recharge the battery regularly, even if not in frequent use, to maintain battery health. Avoid fully discharging the battery for extended periods.
- The device is IPX6 water-resistant, meaning it can withstand powerful water jets, but it is not designed for submersion.

Troubleshooting

Problem	Possible Cause	Solution
Laser does not turn on	Low battery; Device not properly mounted; Malfunction	Charge the battery; Re-mount the device securely; Contact customer support
Laser beam is dim or flickers	Low battery; Dirty laser emitter	Charge the battery; Clean the laser emitter with a soft cloth
Laser cannot be zeroed	Adjustment screws at their limit; Improper mounting; Damaged threads	Ensure proper mounting; Adjust screws interactively and slowly; Contact customer support if threads are damaged
Laser sight feels loose on rail	Mounting screw not tightened; Incorrect rail type	Tighten mounting screw; Verify firearm has a compatible 21MM rail with cross slot

Specifications

Feature	Detail
Brand	DEFENTAC
Model Name	DF-1063
Color	Green Laser
Laser Class	Class IIIA, <5mW
Product Dimensions	2.15"L x 1.1"W x 1"H

Feature	Detail
Item Weight	48.5 Grams
Material	Aluminum
Mounting Type	Picatinny Mount (21MM rail with cross slot)
Compatible Devices	Handgun, Rifle, Shotgun (with compatible rail)
Rechargeable	Yes, Magnetic USB Charging
Runtime	Approx. 3-4 hours (max)
Water Resistance	IPX6
Max Throw	200-2000 m



Image: Detailed view of the DEFENTAC DF-1063 Green Laser Sight, showing its dimensions (0.85 in height, 2.1 in length) and key

features such as max throw, runtime, water resistance (IPX6), drop test rating (1.8m), weight (32g), and magnetic USB charging.

Warranty and Support

Warranty Information

This DEFENTAC DF-1063 Green Laser Sight comes with a 1-year warranty from the date of purchase. The warranty covers manufacturing defects and material flaws under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.

Customer Support

For technical assistance, warranty claims, or any questions regarding your DEFENTAC product, please contact our customer support team. Refer to the contact information provided with your purchase or visit the official DEFENTAC website for support details.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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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.

Submit question

Answered questions about this manual

Which way does the 1913 rail block face on the DEFENTAC DF-1063 Green Laser Sight; does the notch face forward or towards the rear?

The provided manual for the DEFENTAC DF-1063 Green Laser Sight does not specify the orientation of a "1913 rail block" or mention a "notch" in relation to its mounting. The manual states that the...

Read full answer

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