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GOPLANT GP-V07

GOPLANT 2250 Lumens Weapon Laser Light Combo User Manual

Model: GP-V07

1. PRODUCT OVERVIEW

The GOPLANT 2250 Lumens Weapon Laser Light Combo (Model GP-V07) is a high-brightness LED tactical device designed for various applications including tactical gun usage, hunting, and shooting sports. It features a powerful flashlight and a green laser, offering multiple light modes and magnetic charging for convenience.



Key Features:

- **Brightness:** Over 2250 lumens of high brightness LED light.
- **Laser:** Integrated green laser with an irradiation distance of up to 500 meters.
- **Light Modes:** Three white light modes (strong light, low light, flicker) and green laser combination.
- **Charging:** Magnetic charging for ease of use and fast charging (fully charged in 1.5 hours).
- **Durability:** Constructed from aviation aluminum, passed 1.0m drop test and IPX7 waterproof test.
- **Compatibility:** Adjustable rail-mounted design suitable for most GL and Picatinny guide rails.

2. SETUP AND INSTALLATION

2.1 Rail Mounting

The GP-V07 is designed for easy installation on most pistol rails. Ensure your pistol's rail space is at least 2.55 inches (64mm) and the length from the rail to the tail is at least 2.34 inches (60mm) for optimal fit.

1. **Adjust Bayonet Size:** If necessary, adjust the bayonet size by removing the buckle.
2. **Slide Clamp Teeth:** Press the side and slide the clamp teeth to adjust the buckle position to fit your rail.
3. **Secure Mounting:** After the buckle is fastened, adjust the tightness by turning the screw. Ensure the unit is tightly secured to prevent movement during use.

Adjustable Rails

to Picatinny or GL Rails

Press the left side and slide the clamp teeth to adjust the buckle position.



Elastic Button

According to different guns,
Use One-way screwdriver adjust

Activity Switch

The gun is easy to install,
switch buckle



Image 2.1: Illustration of the adjustable rail mechanism and elastic button for secure mounting.

Product Size



Insufficient Space



No Rail

Image 2.2: Product dimensions and guidance on suitable pistol rail space for compatibility.

2.2 Laser Calibration

The laser can be easily adjusted for windage and elevation using the included Allen wrench. This allows for precise zeroing to adapt to different combat styles and environments.

- **Elevation (Up/Down):** Use the top adjustment screw to move the laser vertically.
- **Windage (Left/Right):** Use the side adjustment screw to move the laser horizontally.

Laser Calibration Method

↑↓ Up/Down



←→ Left/Right



Image 2.3: Visual guide for adjusting the laser's vertical and horizontal alignment.

3. OPERATING INSTRUCTIONS

3.1 Light Modes

The GP-V07 offers three white light modes and a green laser combination, controlled by the double-sided switch at the rear of the unit.

- **Strong Light:** Short press the switch once.
- **Flicker (Strobe):** Press the switch twice continuously.
- **Weak Light (Low Light):** Press the switch three times continuously.
- **Laser Only:** (Implied from "three white light modes and green laser combination" and image)
- **Flashlight & Laser Combo:** (Implied from "three white light modes and green laser combination" and image)

3 Light Comb Modes



Flashlight & Laser Comb



**Flashlight / Low Light /
Strobe Light**



Green Laser Only

Image 3.1: Depiction of the three main light modes: Flashlight & Laser Combo, Flashlight / Low Light / Strobe Light, and Green Laser Only.



Image 3.2: The GP-V07 Laser Light mounted on a pistol, demonstrating its 2250 Max Lumens and 200 Max Meters range.

3.2 Video Demonstration



Video 3.1: Official GOPLANT demonstration of the 2250 Lumens GP-V07 Weapon Laser Light Combo, showcasing its features and performance in various lighting conditions.

4. MAGNETIC CHARGING

The GP-V07 features an upgraded magnetic charging method, allowing for easy and fast charging without concern for positive or negative polarity. The magnetic charging line's female end is designed to be dust-proof and waterproof.

- **Charging Time:** Approximately 1.5 hours for a full charge.
- **Battery Life:** Provides approximately 45 minutes of runtime.
- **Convenience:** Can be charged anywhere at any time.

Magnetic Charging

Reduce the times of plugging and unplugging, realize fast charging



Magnetic
Charger



45 Minutes
Runtime



1100 mAh
Battery



Image 4.1: Diagram illustrating the magnetic charging connection point on the device and the magnetic charging cable.

5. MAINTENANCE

To ensure the longevity and optimal performance of your GOPLANT GP-V07, follow these maintenance guidelines:

- **Cleaning:** Wipe the unit with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- **Water Resistance:** The unit is IPX7 waterproof. While it can withstand immersion up to 1 meter for 30 minutes, it is recommended to dry it thoroughly after exposure to water.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Charging Port:** Keep the magnetic charging port clean and free of debris to ensure proper connection.



Image 5.1: The GP-V07 unit shown with water droplets, highlighting its waterproof capabilities.

6. TROUBLESHOOTING

If you encounter issues with your GP-V07, please refer to the following common troubleshooting steps:

- **Device Not Turning On:**
 - Ensure the battery is fully charged. Connect the magnetic charging cable and check the charging indicator.
 - Verify the switch is being pressed correctly. The double-sided switch requires a firm press.
- **Laser Not Visible or Misaligned:**
 - Check battery level.
 - Perform laser calibration as described in Section 2.2 using the included Allen wrench.
- **Unit Loosens on Rail:**

- Ensure the mounting screw is tightened securely after installation. Re-tighten if necessary.
- Verify compatibility with your firearm's rail system as per Section 2.1.

- **Charging Issues:**

- Ensure the magnetic cable is properly connected to both the device and a working USB power source.
- Check the magnetic charging port for any debris that might obstruct the connection.

If problems persist, please contact GOPLANT customer support.

7. SPECIFICATIONS

Feature	Detail
Brand	GOPLANT
Model Number	GP-V07 (as per product title)
Brightness	2250 Lumens
Light Source Type	LED
Laser Type	Green Laser
Laser Irradiation Distance	Up to 500 meters
Light Path Distance	656 Feet (approx. 200 meters)
Power Source	Battery Powered (Lithium Ion)
Charging Method	Magnetic Charging
Runtime	45 minutes
Material	Aviation Aluminum
Water Resistance Level	IPX7 Waterproof
Product Dimensions	3.43"D x 1.38"W x 1.46"H
Item Weight	0.28 Pounds (approx. 4.5 ounces)
Included Components	Magnetic Cable, LED Flashlight, Manual, Hex Key, One-way Screwdriver

8. WARRANTY & SUPPORT

8.1 Warranty Information

The GOPLANT 2250 Lumens Weapon Laser Light Combo (GP-V07) comes with a 1-year manufacturer's warranty. This warranty covers defects in materials and workmanship under normal use.

Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For any questions, technical assistance, or warranty inquiries, please contact GOPLANT customer support. You may also refer to the official user manual PDF available online for more detailed information.

- Official User Guide (PDF): [Download User Guide](#)
- Official User Manual (PDF): [Download User Manual](#)
- Visit the GOPLANT Store: [GOPLANT Store on Amazon](#)

