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Yingyou 553

553 Red Green Dot Metal Holographic Sight

User Manual

Model: 553 | Brand: Yingyou

Introduction

This manual provides detailed instructions for the proper setup, operation, and maintenance of your Yingyou 553 Red Green Dot Metal Holographic Sight. Please read this manual thoroughly before using the device to ensure safe and optimal performance.

Safety Information

- Always ensure the device is handled with care.
- Do not attempt to disassemble or modify the sight, as this may void the warranty and cause damage.
- Keep the sight away from extreme temperatures and direct sunlight for prolonged periods.
- Use only the specified battery type (CR123A). Incorrect battery usage can lead to damage or malfunction.
- This device is designed for use with standard 20mm Picatinny or Weaver rails. Ensure proper mounting to prevent injury or damage.

Package Contents

Verify that all items are present in the package:

- Yingyou 553 Red Green Dot Metal Holographic Sight
- Cleaning Cloth
- Instruction Manual
- *Note: CR123A battery is not included and must be purchased separately.*



Image: The holographic sight shown with a cleaning cloth and an empty battery compartment, indicating the battery is not included.

Product Overview

The Yingyou 553 Holographic Sight features a robust metal construction designed for durability and shock resistance. It offers dual red and green illuminated dot reticles with adjustable brightness levels.



Image: A close-up view of the Yingyou 553 Holographic Sight securely mounted on a Picatinny rail, showcasing its compact design and quick-release mechanism.

Key components include the objective lens, eyepiece, battery compartment, and adjustment turrets for windage and elevation. The sight is designed for quick attachment to standard 20mm Picatinny or Weaver rails.

Setup

1. Battery Installation

1. Locate the battery compartment cap on the side of the sight.
2. Unscrew the cap counter-clockwise.
3. Insert one CR123A battery with the positive (+) terminal facing inwards, as indicated by the diagram inside the compartment.
4. Carefully replace the battery compartment cap and screw it clockwise until secure. Do not overtighten.



Image: The holographic sight disassembled to show the CR123A battery, spring, and battery cap, illustrating the components involved in battery installation.

2. Mounting the Sight

1. Ensure your firearm or platform has a standard 20mm Picatinny or Weaver rail.
2. Loosen the quick-release mount lever or screws on the sight's base.
3. Align the sight's base with the rail and slide it into position.
4. Secure the sight by tightening the quick-release lever or screws until the sight is firmly attached and does not wobble.



Image: An angled view of the underside of the holographic sight, highlighting the 20mm rail clamping mechanism for secure attachment.

Operating Instructions

1. Power On/Off

- To power on, press the **NV** button.
- To power off, press and hold the **NV** button for a few seconds until the reticle disappears.

2. Reticle Selection and Brightness Adjustment

- Press the **UP** button to increase reticle brightness.
- Press the **DOWN** button to decrease reticle brightness.
- To switch between red and green reticles, press the **NV** button briefly after powering on.



Image: A view of the holographic sight's control panel, indicating the buttons for power, brightness adjustment, and reticle color selection.

3. Windage and Elevation Adjustment

The sight features precision windage and elevation adjustments to zero your reticle. These adjustments are typically made using a small flathead screwdriver or the edge of a coin.

- **Elevation Adjustment:** The vertical adjustment turret (marked "UP" or with an arrow pointing up/down) controls the vertical position of the reticle. Turn clockwise to move the point of impact down, counter-clockwise to move it up.
- **Windage Adjustment:** The horizontal adjustment turret (marked "R" or with an arrow pointing left/right) controls the horizontal position of the reticle. Turn clockwise to move the point of impact right, counter-clockwise to move it left.



Image: The holographic sight with clear labels indicating the adjustment points for both vertical (up and down) and horizontal (left and right) reticle alignment.

Maintenance

- **Cleaning:** Use the provided cleaning cloth or a soft, lint-free cloth to wipe the lenses and exterior surfaces. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use, store the sight in a dry, cool place, preferably in its original packaging or a protective case. Remove the battery if storing for extended periods to prevent leakage.
- **Weather Protection:** The sight is water and fog proof, but prolonged exposure to extreme moisture or submersion is not recommended.

Troubleshooting

Problem	Possible Cause	Solution
Sight does not power on.	Battery is dead or incorrectly installed.	Check battery orientation. Replace with a new CR123A battery.
Reticle is dim or flickering.	Low battery power.	Replace the CR123A battery.

Problem	Possible Cause	Solution
Reticle cannot be adjusted.	Adjustment turrets are stuck or damaged.	Ensure turrets are not overtightened. If issue persists, contact support.
Sight is loose on the rail.	Mounting screws/lever not tightened sufficiently.	Re-tighten the quick-release lever or mounting screws.

Specifications

Name: Holographic Scope
Model:553-black
Material: metal material
Size: 93X56X62MM(LxWxHD)
Weight: net weight 193G total weight 351G
Usage: accessories (assembly)
Packing box size: 147X106X76MM(LxWxH)



Image: The holographic sight displayed alongside a list of its key specifications, including model, material, size, and weight.

Feature	Detail
Model Name	553

Feature	Detail
Brand	Yingyou
Material	Aluminum Alloy
Color	Green, Red (Reticle)
Objective Lens Diameter	22 mm
Magnification	1x
Reticle Type	Dot (Red/Green illuminated)
Brightness Control	5 levels
Mounting Type	Picatinny/Weaver (20mm)
Item Weight	0.3 Kilograms (approx. 0.66 lbs)
Dimensions (LxWxH)	3.54 x 1.57 x 2.36 inches (approx. 8.8 x 4.0 x 6.0 cm)
Eye Relief	20 mm
Battery Type	1 x CR123A (not included)
Weather Resistance	Waterproof & Fogproof



Image: The holographic sight with precise measurements for its length (93mm) and height (62mm), providing a clear understanding of its physical dimensions.

Warranty and Support

For warranty information or technical support, please refer to the contact details provided by your retailer or the manufacturer, Yingyou. Keep your purchase receipt as proof of purchase.
For general inquiries or further assistance, you may visit theYingyou brand page on Amazon.

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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

How do I adjust the reticle on the Yingyou 553 Red Green Dot Metal Holographic Sight if it seems stuck?

If you are unable to adjust the reticle on your Yingyou 553 Holographic Sight, please follow these troubleshooting steps based on the manual: Check for Overtightening: Ensure that the adjustment turrets are not overtightened....
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