



Manuals.plus /

- › GOYOJO /
- › GOYOJO Thermal Monocular C10 User Manual

GOYOJO C10

GOYOJO Thermal Monocular C10 User Manual

Model: C10 | Brand: GOYOJO

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective operation of your GOYOJO C10 Thermal Monocular. Please read this manual thoroughly before using the device to ensure optimal performance and to prevent damage.



Figure 1: GOYOJO C10 Thermal Monocular. This image shows the compact design of the monocular, highlighting its portability.

2. PACKAGE CONTENTS

Upon opening the package, verify that all items are present:

- GOYOJO C10 Thermal Monocular
- User Manual (this document)
- Type-C Interface Data Cable
- Protective Pouch
- Wrist Strap
- Power Adapter

Your browser does not support the video tag.

Video 1: GOYOJO CS-1PRO unboxing video. This video demonstrates the contents of the product package, including the monocular, manual, and accessories.

3. SETUP

3.1 Charging the Device

Before initial use, fully charge the thermal monocular using the provided Type-C data cable and power adapter. The device is equipped with a 5000 mAh Lithium Polymer battery.



Figure 2: Device power and storage. This image highlights the 5000 mAh battery capacity and 32GB internal storage of the monocular.

3.2 Power On/Off

Press and hold the power button (usually indicated by a power symbol) for a few seconds to turn the device on or off. The display will illuminate upon activation.

3.3 Initial Focus Adjustment

Adjust the eyepiece observation knob to achieve a clear image. This is crucial for sharp visuals and optimal performance. If the image appears blurry, rotate the diopter adjustment knob until the display is sharp.



Figure 3: Internal components and controls. This diagram illustrates the rubber cover for eye protection, four function buttons, diopter adjustment knob, Type-C external charging port, DSP, and thermal sensing lens.

4. OPERATING INSTRUCTIONS

4.1 Basic Controls

The device features four function buttons for one-handed control. Refer to the device's on-screen interface for specific button assignments and menu navigation.

4.2 Color Palettes

The monocular offers multiple color palettes to adapt to different environments and user preferences. These include:

- **Black Hot:** Hot objects appear black.

- **White Hot:** Hot objects appear white.
- **Red Hot:** Hot objects appear red.
- **False Color / Iron Hot:** Displays a spectrum of colors based on temperature differences.

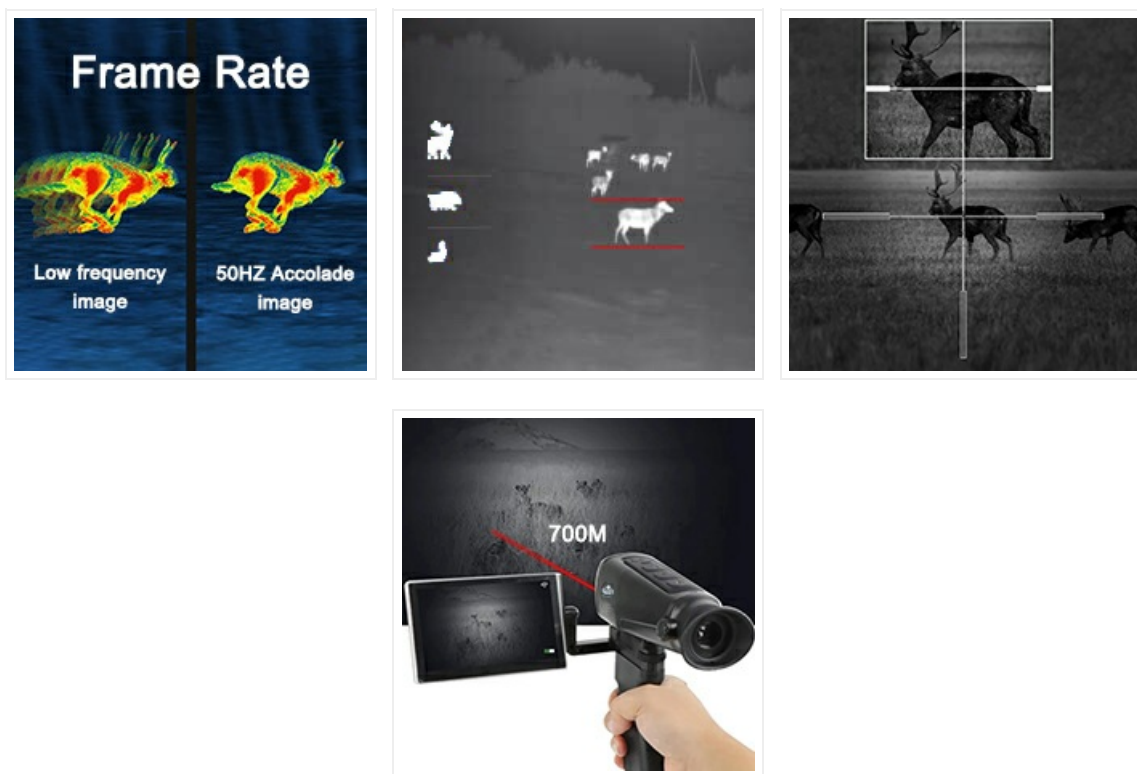


Figure 4: Examples of different color palettes available on the thermal monocular, including Black Hot, White Hot, Red Hot, and Iron Hot.

4.3 Digital Zoom

The device supports 1-4 times high-definition digital night vision monocular zoom. Use the designated buttons to adjust the zoom level as needed for closer observation.

4.4 Target Tracking

The thermal sensor includes a highest temperature target tracking function, which can highlight the hottest point in the field of view. This is useful for quickly identifying subjects.

4.5 Photo and Video Functions

The monocular supports photo and video recording. Consult the on-screen menu for instructions on how to capture and save media. The device has 32GB of internal storage.

4.6 Mobile App Connectivity

The GOYOJO C10 can connect to your smartphone via Wi-Fi for real-time image transmission and remote operation. Download the "IR-Tracker V" app, available for Android and iOS devices. The default Wi-Fi password is **12345678**.

Your browser does not support the video tag.

Video 2: Thermal imaging for outdoor exploration and hunting. This video demonstrates the monocular's use in outdoor settings, showing its thermal capabilities for detecting wildlife.

Your browser does not support the video tag.

Video 3: Thermal camera hunting telescope handheld waterproof. This video showcases the monocular's waterproof features and its application in hunting scenarios.

Your browser does not support the video tag.

Video 4: Thermal Monocular for hunting outdoor adventure waterproof. This video further illustrates the monocular's use in various outdoor and hunting conditions, emphasizing its robust design.

5. MAINTENANCE AND CARE

- **Avoid Direct Sunlight/Lasers:** Never aim the thermal imager at the sun or laser-emitting devices, as this can cause permanent damage to the sensor.
- **Cleaning:** Use a soft, lint-free cloth to clean the lens and body of the monocular. Avoid abrasive materials or harsh chemicals.
- **Storage:** Store the device in its protective pouch in a cool, dry place when not in use.
- **Environmental Limitations:** While thermal imaging excels at heat detection, it cannot penetrate walls or detect underwater objects due to heat isolation properties.

6. TROUBLESHOOTING

- **Blurry Image:** If the image is blurry, adjust the diopter adjustment knob. Also, ensure the contrast and sharpness settings are optimized in the device menu.
- **Device Clicking Noise:** A clicking sound is normal and indicates the device is performing non-uniformity correction (NUC) to maintain image quality.
- **Cannot Connect to Phone App:**
 - a. Ensure the "IR-Tracker V" app is correctly installed on your Android or iOS device.
 - b. Verify Wi-Fi is enabled on the monocular and your phone.
 - c. Confirm the Wi-Fi password is **12345678**.
 - d. Restart both the monocular and your phone, then attempt to reconnect.
- **"Stream Open Error" in App:** This error may occur when trying to import footage. Ensure a stable Wi-Fi connection. If the issue persists, try recording directly through the app or connecting the device to a computer via the Type-C cable to transfer files.
- **Battery Draining Quickly:** Ensure the device is fully charged. Reduce screen brightness or disable Wi-Fi when not needed to conserve battery life.

7. SPECIFICATIONS

Feature	Detail
Brand	GOYOJO
Model Name	C10
Eye Piece Lens Description	Galilean
Objective Lens Diameter	10 Millimeters
Telescope Mount Description	Handheld Mount
Focus Type	Manual Focus
Power Source	Battery Powered
Finderscope	Reflex
Item Weight	0.77 Pounds
Compatible Devices	Smartphone
Mount	Handheld Mount
Number of Batteries	1 Lithium Polymer batteries required. (included)
Focal Length Description	10 millimeters
Field Of View	53.1 Degrees
Zoom Ratio	4.0
Additional Features	LCD-Display
Manufacturer	GOYOJO
UPC	794094269848
ASIN	B09TT111Z2

8. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact GOYOJO customer service through their official website or the retailer where the product was purchased. Keep your purchase receipt as proof of purchase.

