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Thermal Master T2 Max Android

Thermal Master T2 Max Android Thermal Night Vision Monocular Instruction Manual

Model: T2 Max Android

Brand: Thermal Master

INTRODUCTION

The Thermal Master T2 Max is a versatile Android thermal night vision monocular designed for long-range detection and observation. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device to ensure optimal performance.

WHAT'S IN THE BOX

- T2 Max Android Thermal Monocular ×1
- Power Handle ×1
- Extension Cable ×1
- Quick Guide
- After-Sales Service Card
- 5000mAh Battery
- Thermal Scope Protect Case



Image: Contents of the T2 Max package, including the monocular, power handle, cables, and documentation.

SETUP INSTRUCTIONS

1. **Charge the Battery:** Ensure the 5000mAh battery is fully charged before first use.
2. **Assemble the Monocular:**
 - Attach the T2 Max Android Thermal Monocular to the Power Handle.
 - Secure your Android phone to the phone mount on the Power Handle.
 - Connect the monocular to your phone using the provided extension cable.
3. **Install the Thermal Master App:** Scan the QR code in the Quick Guide or search for "Thermal Master" in your Android device's app store to download and install the official application.
4. **Initial Connection:** Open the Thermal Master app. The device should connect automatically. If not, ensure your phone's Wi-Fi is off and try reconnecting.
5. **Focus Adjustment:** Rotate the focus ring on the 15mm f/0.8 front lens to achieve a clear image. The device can focus on objects as close as 30cm.



Image: The T2 Max monocular connected to a smartphone via a power handle, ready for use.

OPERATING INSTRUCTIONS

Basic Operation

- **Power On/Off:** The device powers on automatically when connected to your phone and the app is launched. Disconnect to power off.
- **Focusing:** Use the focus ring on the lens to sharpen the thermal image for various distances.
- **Digital Zoom:** Utilize a two-finger pinch gesture on your smartphone screen to adjust the 15x digital zoom for better target identification.

Viewing Modes and Palettes

The Thermal Master app offers various viewing modes and color palettes to optimize observation in different environments.

- **X³ Super Resolution:** This technology upgrades resolution from 256×192 to 512×384, improving temperature sensitivity and delivering clearer images.
- **Multiple Reticle Options:** Choose from 9 professional reticles with 8 shapes and 5 color options, offering over 40 combinations for accurate targeting. A unique compound bow target mode is available.
- **Color Palettes:** Switch between different color palettes (e.g., white-hot, black-hot, iron red, night vision green) to highlight thermal signatures effectively.

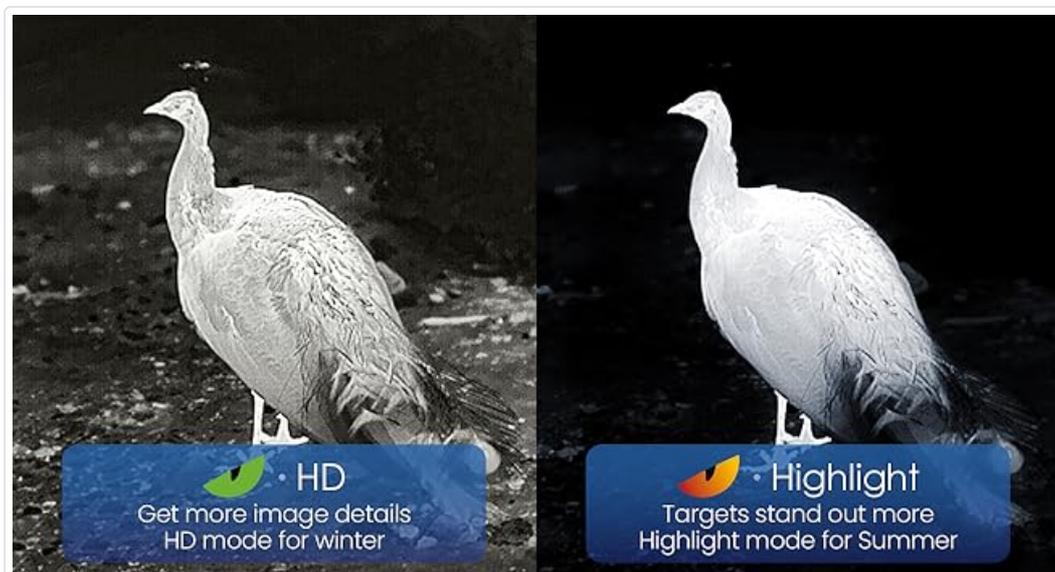


Image: Different thermal modes for varying environmental conditions.

Versatile Mounting Options

The T2 Max kit includes two reserved rails for mounting over 20 accessories and retrofitting options, enhancing its adaptability.

- **Handheld Monocular:** Use with the power handle for portable observation.
- **Weapon Mount:** Can be mounted on a compound bow or crossbow for hunting scenarios.
- **Tripod Mount:** Attach to a tripod for surveillance or stable long-range observation.
- **Vehicle/Ship Integration:** Convert into a night vision system for vehicles or ships.
- **Helmet Mount:** Attach to a helmet for hands-free operation.

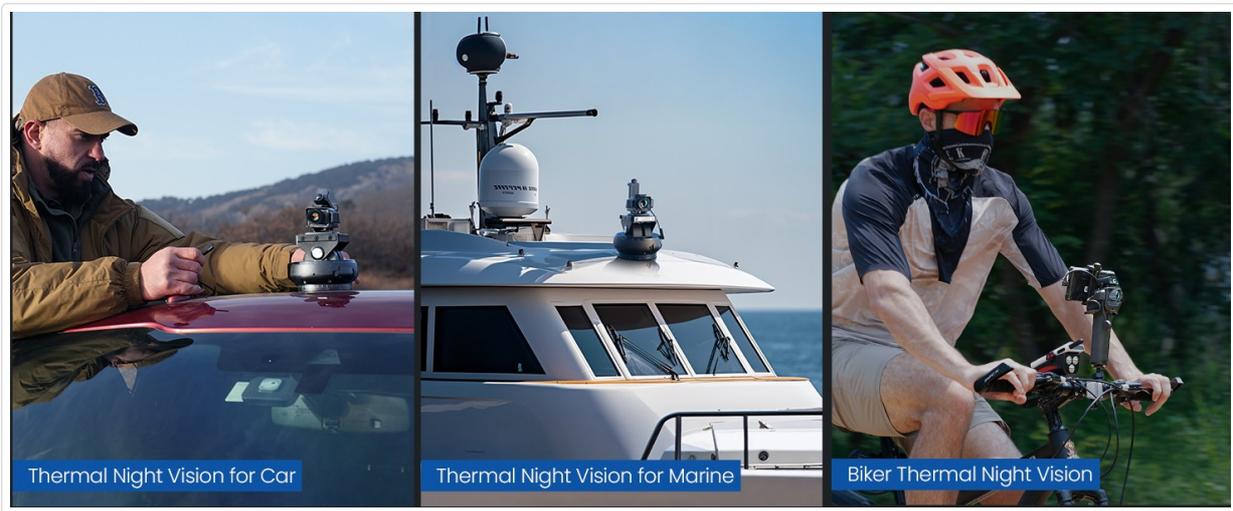


Image: The T2 Max in different operational setups, including handheld, rifle-mounted, and bow-mounted.

Your browser does not support the video tag.

Video: Demonstration of the T2 Max's versatility and various mounting options, including car, hunting, and drone applications.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the lens and device body. Avoid abrasive materials or harsh chemicals.
- **Storage:** Store the monocular in its protective case in a cool, dry place when not in use.
- **Battery Care:** Recharge the battery regularly, even if not in use, to maintain its lifespan.
- **Environmental Protection:** The T2 Max is weatherproof (IP54) and has 1-meter drop protection. However, avoid direct exposure to extreme conditions or prolonged submersion.
- **Smart Burn Protection:** Thermal imaging detectors are not repairable once burnt by direct sunlight, flames, cigarettes, etc. Always protect the lens from direct exposure to intense heat sources.



Image: App interface showing a warning about thermal detector burn protection.

TROUBLESHOOTING

- **Device Not Connecting to Phone:**
 - Ensure your phone's Wi-Fi is turned off.
 - Verify the connection cable is securely plugged into both the monocular and your phone.
 - Restart the Thermal Master app and reconnect the device.

- Check if your Android device's operating system is compatible (some users reported issues with Android 10).

- **Intermittent Disconnections:**

- Ensure the connection cable is not loose or damaged.
- Power down both the phone and the monocular, then restart and reconnect.

- **Unclear or Pixelated Image:**

- Adjust the focus ring on the lens.
- Use the two-finger pinch gesture to adjust digital zoom.
- Ensure the lens is clean and free from dust or smudges.
- Activate X³ Super Resolution technology in the app for enhanced detail.

SPECIFICATIONS

Feature	Detail
Brand	Thermal Master
Model Name	T2 Max Android
Color	Black
Material	Metal
Objective Lens Diameter	15 Millimeters
Night Vision	Yes
Reticle Type	Compound Bow Target (9 professional reticles)
Compatible Devices	Android Phones, Compound Bow, Cross Bow, Vehicle, Ship
Mounting Type	Picatinny Mount or Weaver Mount
Water Resistance	IP54 (Weatherproof)
Drop Protection	1-meter
Operating Temperature	-20°C to 60°C



Image: Detailed specifications comparison of T2 Max with a competitor.

WARRANTY & SUPPORT

The Thermal Master T2 Max comes with a **2-year warranty**. For technical support, troubleshooting assistance, or warranty claims, please contact Thermal Master Official customer service.

You can find contact information on the After-Sales Service Card included in your package or visit the official Thermal Master website.

