**Garmin 010-03407-10**

# Garmin tactix® 8 51mm Tactical GPS Smartwatch User Manual

Model: 010-03407-10

## Product Overview

The Garmin tactix® 8 is the ultimate tactical smartwatch, engineered for demanding environments and everyday use. It features a solar-charged display, a durable titanium bezel, a sapphire lens, and a 40-meter dive rating. This premium device integrates advanced tactical features, comprehensive health monitoring, and robust navigation capabilities to support your missions and daily activities.




Image: The Garmin tactix® 8 smartwatch, showcasing its rugged design and tactical display.

## Key Features:

- Advanced tactical GPS smartwatch with 1.4” solar charged display, titanium bezel, sapphire lens, and built-in LED flashlight.
- Dedicated tactical features: jumpmaster activity, waypoint projection, dual-position GPS format, stealth mode, kill switch, night vision goggles compatibility, rucking activity, and unlocked Applied Ballistics Elite® solver.
- Comprehensive training plans, real-time stamina tracking, sport-specific workouts, and built-in sports apps.
- Superior positioning accuracy with multi-band GPS, SatIQ™ technology, 3-axis compass, gyroscope, and barometric altimeter.

- 40-meter dive rating for scuba and apnea dive activities.
- Fully functional aviation navigation system with worldwide dynamic moving map, GPS navigation, NEXRAD, and weather display.
- 24/7 health and wellness monitoring: wrist-based heart rate, advanced sleep monitoring, respiration tracking, Pulse Ox, and ECG app (where available).
- Preloaded TopoActive maps with relief shading and access to additional downloadable maps.

## Setup

### What's in the Box:

- Garmin tactix® 8 smartwatch – 51 mm, Solar, Elite with black silicone watch band
- Preloaded Applied Ballistics Elite® solver
- Charging/data cable
- Documentation

### Initial Charging:

Before first use, it is recommended to fully charge your tactix® 8 smartwatch. Connect the charging/data cable to the watch and a USB power source. The solar charging feature extends battery life, providing up to 48 days in smartwatch mode under optimal sunlight conditions (assumes all-day wear with 3 hours per day outside in 50,000 lux conditions).

### Pairing with Your Smartphone:

To unlock the full potential of your tactix® 8, pair it with the Garmin Connect mobile app. Download the app from your smartphone's app store. Follow the on-screen instructions within the app to connect your watch via Bluetooth. This enables smart notifications, on-wrist calling, and data synchronization.

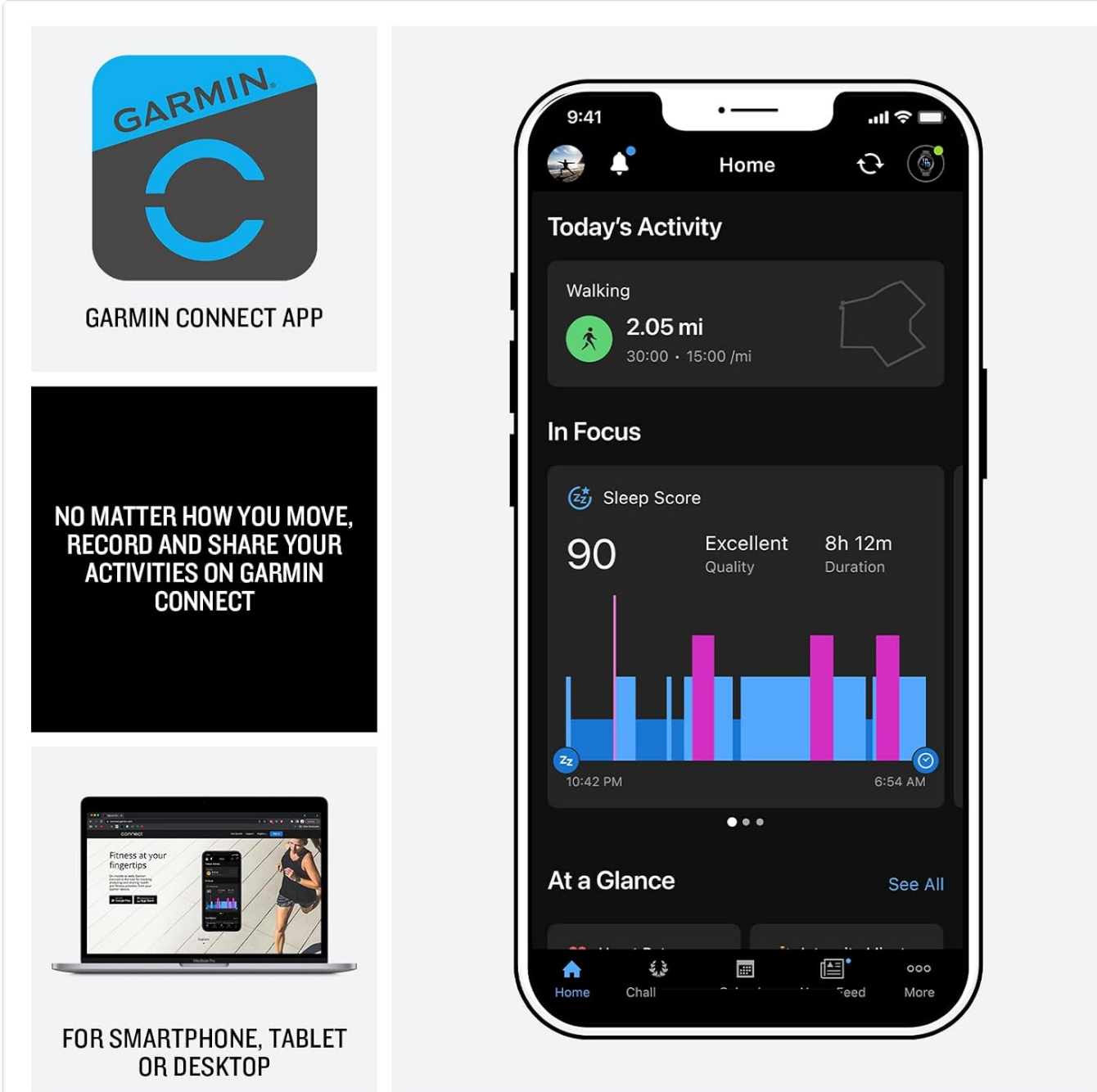



Image: The Garmin Connect app, essential for managing your smartwatch data and settings on smartphone, tablet, or desktop.

## Operating Instructions

### Basic Navigation:

The tactix® 8 features a combination of physical buttons and a touchscreen for navigation. Refer to the included documentation for a detailed button layout and their functions. Swipe and tap on the display to access widgets, notifications, and activity profiles.

### Tactical Features:

- **Applied Ballistics Elite® Solver:** Preloaded for aiming solutions in long-range shooting. Download the AB Quantum mobile app to manage profiles and targets.
- **Jumpmaster Activity:** Provides guidance for high-altitude jumps.
- **Waypoint Projection:** Project new waypoints for navigation.

- **Dual-Position GPS Format:** Display two sets of coordinate systems on a single screen.
- **Stealth Mode:** Disables GPS and wireless connectivity to prevent location sharing and communication.
- **Kill Switch:** Wipes all user data from the device for security.
- **Night Vision Goggles Compatibility:** Display is optimized for use with night vision devices.
- **Rucking Activity:** A dedicated profile to track rucking with input for pack weight.
- **Built-in LED Flashlight:** Provides a bright, steady beam in either green or white light. Dimmable in NVG mode.




Image: The tactix® 8 in 'Stealth Mode', demonstrating its mission-ready capabilities.




Image: Utilizing the built-in multicolor LED flashlight for low-light conditions.

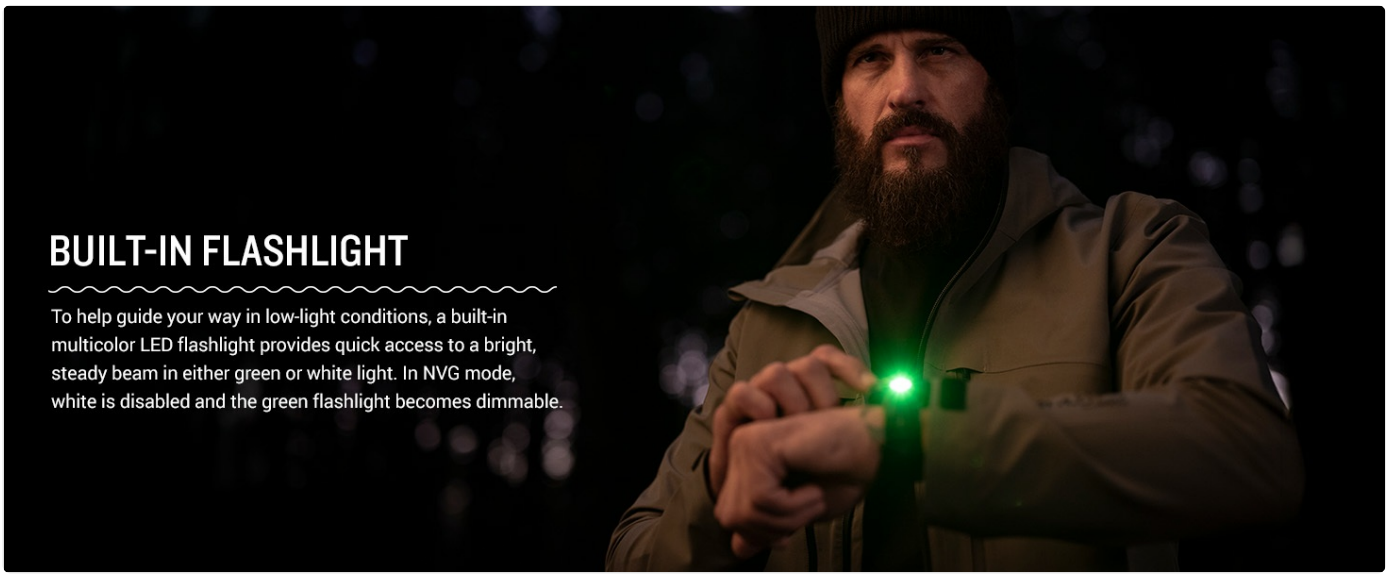



Image: The Rucking activity profile on the tactix® 8, allowing input of pack weight for accurate tracking.

## Navigation and Mapping:

- **Multi-band GPS with SatIQ™ Technology:** Ensures superior positioning accuracy in challenging environments.
- **Built-in Sensors:** Includes a 3-axis compass, gyroscope, and barometric altimeter for comprehensive outdoor data.
- **Preloaded TopoActive Maps:** Navigate with detailed topographic maps from around the world.
- **Additional Maps:** Download free additional maps via Wi-Fi connectivity.
- **Aviation Navigation:** Access a fully functional aviation navigation system with dynamic moving map, GPS navigation, NEXRAD, and airport information.




Image: Leading the charge with precise outdoor navigation using multi-band GPS and built-in sensors.




Image: Multicontinent Topo Maps keep your explorations on track, with additional maps downloadable via Wi-Fi.

## Training and Health Monitoring:

- **Strength Training Plans:** Targeted plans to improve performance and endurance.
- **Real-time Stamina Tracking:** Monitor your energy levels during activities.
- **Sport-Specific Workouts:** Access a full range of built-in sports apps for various activities.
- **Wrist-based Heart Rate:** Constantly samples your heart rate to gauge workout intensity.
- **Advanced Sleep Monitoring:** Track sleep stages and get insights to improve sleep quality with Sleep Coach.
- **Respiration Tracking & Pulse Ox:** Monitor breathing and blood oxygen saturation (Pulse Ox not available in all countries).
- **ECG App:** Record heart rhythm and check for signs of atrial fibrillation (not available in all regions; for people 22 years or older).
- **Morning Report:** Get a customizable overview of sleep, training outlook, HRV status, and weather.
- **Endurance Score:** Uses VO2 max, training loads, and other factors to gauge ability to sustain prolonged effort.

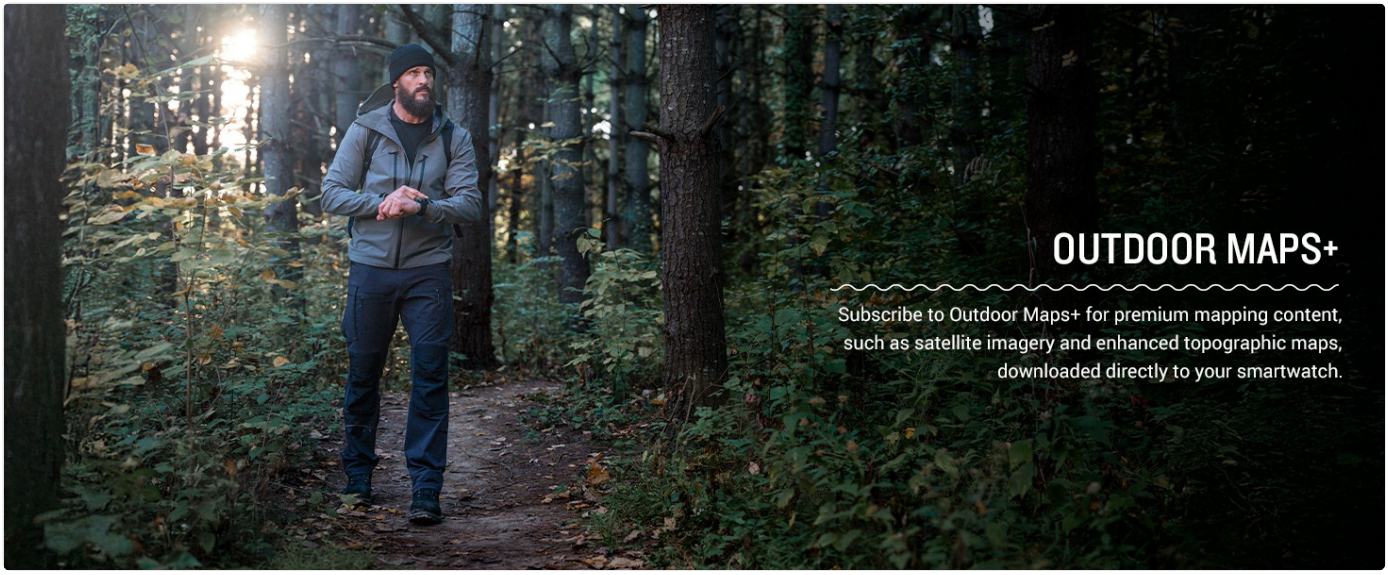



Image: Train hard with the tactix® 8, monitoring your performance and progress during workouts.

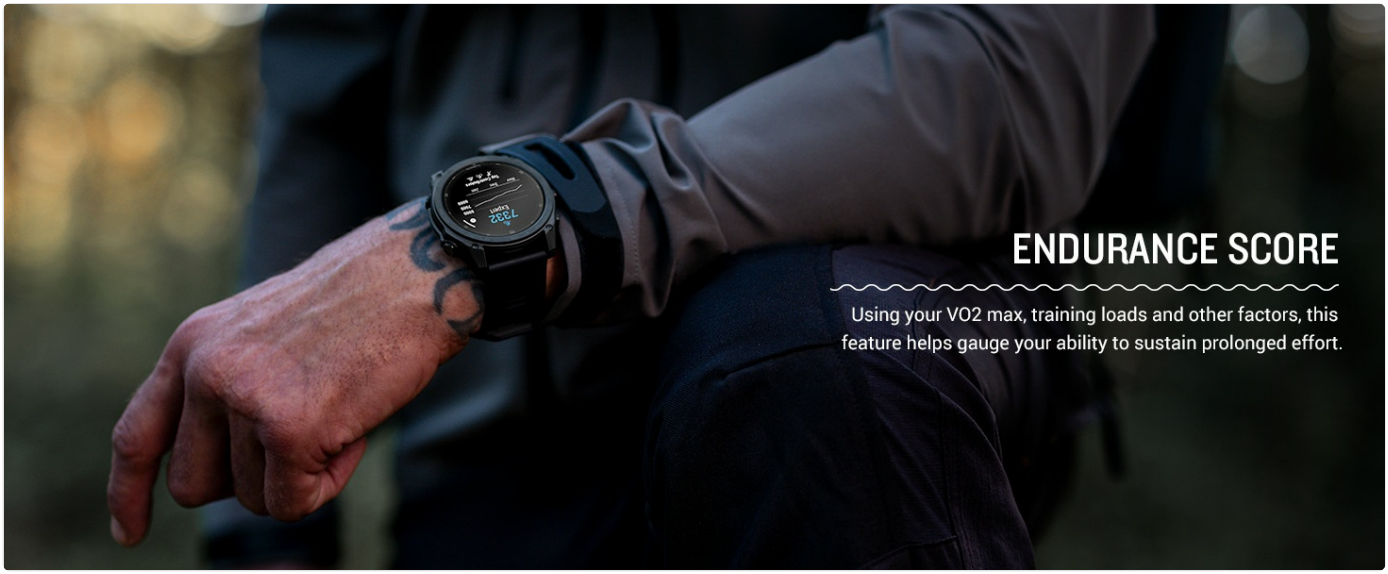



Image: Wrist-based heart rate monitoring provides continuous data to help you optimize your training.




Image: Sleep Coach provides personalized coaching and insights to improve your sleep quality.

## Connectivity and Smart Features:

- **Built-in Speaker and Microphone:** Make and take phone calls directly from your watch when paired with a smartphone. Control watch functions with off-grid voice commands.
- **Smart Notifications:** Receive emails, texts, and alerts on your smartwatch.
- **Garmin Pay™ Contactless Payments:** Make payments directly from your watch.
- **Garmin Share:** Easily share saved locations, courses, and workouts with compatible Garmin devices.




Image: The built-in speaker and microphone allow for convenient on-wrist calls.




Image: Stay informed with smart notifications delivered directly to your wrist.

## Maintenance

### Cleaning Your Device:

Regularly clean your tactix® 8 to maintain its performance and appearance. Wipe the device with a soft, lint-free cloth. For deeper cleaning, use a slightly damp cloth with mild soap and water, then rinse thoroughly and dry completely. Avoid harsh chemicals or abrasive materials that could damage the watch.

### Battery Care:

To maximize battery life, ensure the solar charging display is exposed to direct sunlight whenever possible. Avoid extreme temperatures, which can degrade battery performance. Store the device in a cool, dry place when not in use for extended periods.

### Water Resistance:

The tactix® 8 has a 40-meter dive rating. While designed for water activities, it is important to ensure all buttons are not pressed underwater and the device is properly sealed before submersion. Rinse the watch with fresh water after exposure to salt water or chlorinated water.

## Troubleshooting

### Common Issues and Solutions:

- **Device Not Turning On:** Ensure the device is fully charged. Connect it to the charging cable and a power source for at least 30 minutes.
- **GPS Signal Issues:** Ensure you are in an open area with a clear view of the sky. Allow several minutes for the device to acquire a satellite signal. Syncing with Garmin Connect can update satellite data.
- **Bluetooth Connectivity Problems:** Ensure Bluetooth is enabled on both your watch and smartphone. Try unpairing and re-pairing the devices through the Garmin Connect app. Restart both devices.
- **Inaccurate Heart Rate Readings:** Ensure the watch is worn snugly on your wrist, above the wrist bone. Clean the optical heart rate sensor on the back of the watch.
- **Display Not Responding:** Try a soft reset by holding down the power button until the device restarts. If the issue persists, perform a factory reset (note: this will erase all data).

For more detailed troubleshooting or issues not listed here, please refer to the official Garmin support website or contact Garmin customer service.

## Specifications

| Feature | Detail |
|---|---|
| Product Dimensions | 2.01 x 2.01 x 0.61 inches |
| Item Weight | 3.35 ounces (95 Grams) |
| ASIN | B0DX28B1FQ |
| Item Model Number | 010-03407-10 |
| Batteries | 1 Lithium Ion battery (included) |
| Standing Screen Display Size | 1.4 Inches |
| Memory Storage Capacity | 0.01 GB |
| Operating System | Garmin OS |
| Special Features | Activity Tracker, GPS, Multisport Tracker, Notifications, Solar Charging |
| Battery Capacity | 0.01 Amp Hours |
| Connectivity Technology | Bluetooth, USB, Wi-Fi |
| Wireless Communication Standard | Bluetooth |
| GPS | Built-in GPS |
| Shape | Round |
| Screen Size | 1.4 Inches |
| Manufacturer | Garmin |

| | |
|---|---|
| Date First Available | February 13, 2025 |

## Warranty and Support

The Garmin tactix® 8 comes with a manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your product or visit the official Garmin support website. Garmin also offers optional protection plans for extended coverage.

For technical support, product registration, or service inquiries, please visit theGarmin Support Center or contact their customer service directly.

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### 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.

**Name**

Anonymous

**Email**

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

**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