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› Amazfit T-Rex 2 Rugged Smart Watch 47mm, Military Certified, Dual-band GPS, 24-Day Battery Life, Ultra-low Temperature Operation, AI Fitness Coach, 150+ Sports Modes, for Android iPhone(Black) Ember Black

## Amazfit W2170OV2N

# Amazfit T-Rex 2 Smart Watch User Manual

Model: W2170OV2N | Brand: Amazfit

## INTRODUCTION

The Amazfit T-Rex 2 is a rugged outdoor smartwatch designed for durability and extensive functionality. It features military-grade certification, dual-band GPS, and a long-lasting battery, making it suitable for various outdoor activities and daily health monitoring. This manual provides essential information for setting up, operating, and maintaining your device.

## WHAT'S IN THE BOX

- Smart Watch
- Charging base
- User Manual

## KEY FEATURES

- **MILITARY DURABILITY:** Military-grade tested and certified for rugged and demanding environments, this smartwatch is built for high heat, humidity and extreme cold.
- **SUPER LONG 24-DAY BATTERY:** Up to 24 days on a charge for more running, hiking, walking, and being active without worrying about pausing to power up.
- **CUSTOM TOUCHSCREEN:** Durable and bright touchscreen AMOLED face provides 100 quick-to-change digital watch faces.
- **HEART-RATE and VO2 MONITORING:** Find your cardio zone with heart-rate monitoring, blood-oxygen SPO2 measurement.
- **FITNESS APP DATA SHARING:** Easily connect with Strava, Adidas Running, Apple Health, Google Fit, Relive, Komoot to record and share health, steps and fitness data.
- **BUILT FOR WATER:** Up to 328 ft (100 meters) of water resistance with a rugged 10 ATM atmosphere rating for swimming, snorkeling or surfing, and wide 8 inch strap wrap.
- **PROFESSIONAL GPS:** Accurate GPS connection uses 6 navigational satellite systems (GPS/GLONASS/GALILEO/BDS/QZSS/NAVIC) to ensure your location is accurate.

- **COMPASS, ALTIMETER, WEATHER:** Keep your bearing, track altitude, monitor weather, even moon phases and sunsets.
- **TEXTS, CALLS, EVENTS, ALARMS:** Stay up to date with notifications of text messages, calls, alerts, texts, alarms, and calendar events.
- **OVER 100 SPORTS MEASURED:** Fitness tracker software monitors activity for any of your sports and workouts, heart rate, distance, steps, calories burned, and more, in real time.

## SETUP

### Initial Charging

Before first use, fully charge your Amazfit T-Rex 2 smartwatch using the provided charging base. Connect the charging base to a USB power source. The watch will display charging progress on its screen.



The image features a black Amazfit T-Rex 2 smartwatch with a black strap, shown from a three-quarter perspective. The watch face is illuminated with a green glow and displays '97%' battery, '10:08 AM', and '04/08 Fri'. The bezel has 'LIP', 'SEL', 'BACK', and 'T-REX' markings. The background is dark with large, semi-transparent numbers '24' and the word 'DAY'. A glowing green ring surrounds the watch. A red-to-orange gradient bar is at the top right, and another is at the bottom left.

# 24-DAY ULTRA-LONG BATTERY LIFE

The Amazfit T-Rex 2 boasts an impressive 24-day ultra-long battery life on a single charge.

### Pairing with Your Smartphone

To unlock the full potential of your Amazfit T-Rex 2, pair it with your smartphone via the Zepp App. Ensure Bluetooth is enabled on your phone. Open the Zepp App, navigate to 'Profile' > 'My Devices' > '+ Add device', and follow the on-screen instructions to pair your watch.



Download the Zepp App to track your fitness, sleep, and other lifestyle metrics.

## OPERATING INSTRUCTIONS

### Basic Watch Operation

The Amazfit T-Rex 2 features a responsive touchscreen and four physical buttons (UP, DOWN, SEL, BACK) for navigation. Swipe on the touchscreen to access different functions and notifications. Use the buttons for quick access to specific features or to navigate menus in challenging conditions where touchscreen interaction might be difficult.



The Amazfit T-Rex 2 features a custom touchscreen and four physical buttons for intuitive control.

## Health Monitoring

The watch is equipped with a 6PD BioTracker™ 3.0 PPG optical sensor for comprehensive health monitoring. You can monitor your heart rate, blood-oxygen saturation (SpO2), stress levels, and breathing rate directly from your wrist. Access these metrics via the watch's health monitoring menu or through the Zepp App for detailed insights.

# 4 HEALTH METRICS IN 1 TAP



-  SpO2 Level
-  Breathing Rate
-  Heart Rate
-  Stress Detection

Monitor 4 key health metrics with a single tap on your Amazfit T-Rex 2.



The BioTracker sensor on the back of the watch enables accurate health monitoring.

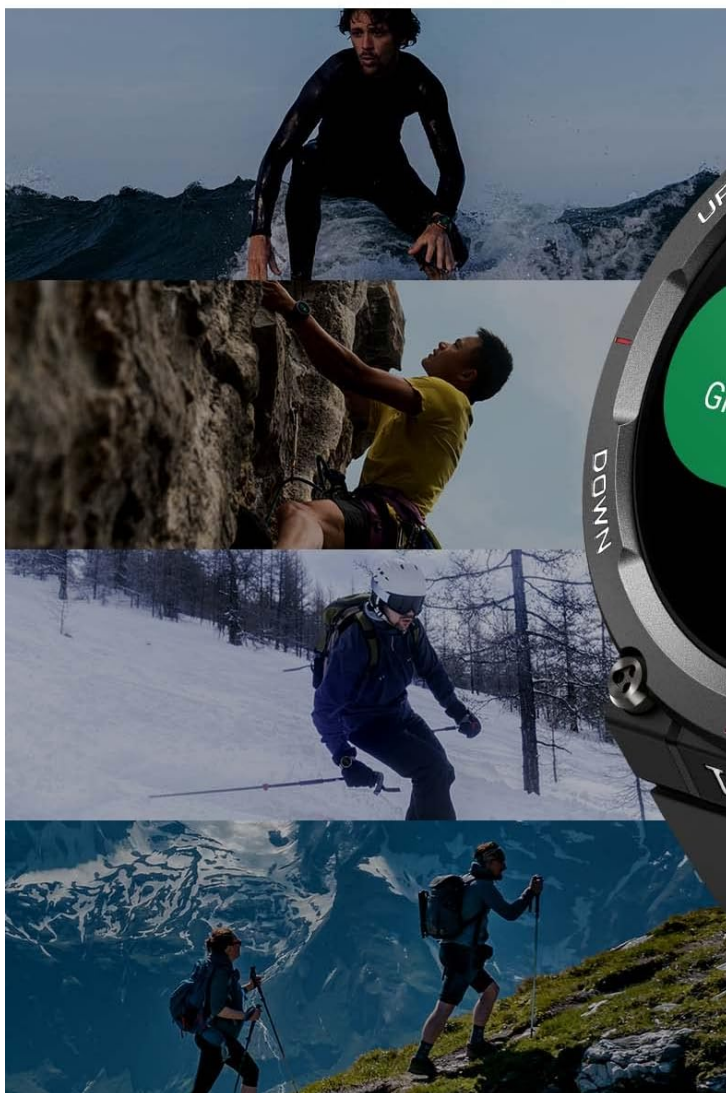


View detailed sleep reports directly on your watch or in the Zepp App.

## Sports Modes and Tracking

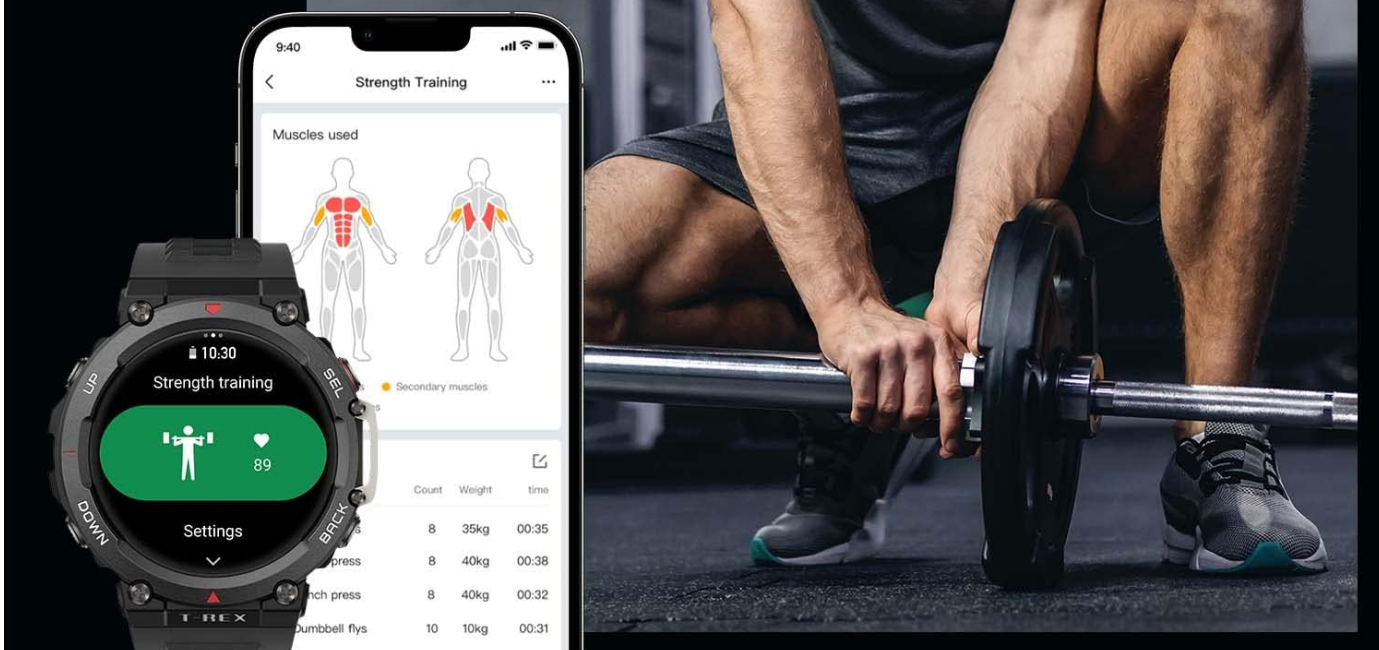
The Amazfit T-Rex 2 offers over 150 built-in sports modes, including smart recognition for 8 sports. Select your desired activity from the sports mode menu to track real-time data such as heart rate, distance, pace, steps, and calories burned. The watch also provides AI-powered training guidance through Zepp Coach.

# 150+ SPORTS MODES & 10 ATM WATER-RESISTANCE

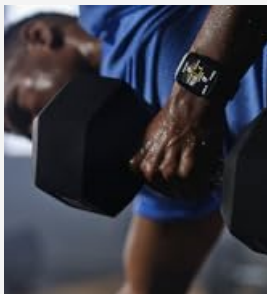


Explore over 150 sports modes and benefit from 10 ATM water resistance.

# STRENGTH EXERCISE RECOGNITION



The watch offers strength exercise recognition and detailed muscle usage tracking.



Receive AI-powered training guidance from Zepp Coach directly on your watch.

## GPS and Navigation

Equipped with dual-band and 6-satellite positioning, the T-Rex 2 provides highly accurate GPS tracking. You can import routes and utilize real-time navigation features, including a built-in compass and barometric altimeter, to explore new paths and conquer heights.



Dual-band & 6 Satellite Positioning

# CONQUER THE UNCHARTED

Conquer the uncharted with dual-band and 6 satellite positioning for accurate navigation.

# ROUTE IMPORT & REAL-TIME NAVIGATION



Import routes and navigate in real-time directly from your watch.

## Notifications

Stay connected by receiving notifications for text messages, calls, alerts, and calendar events directly on your smartwatch. Customize notification settings through the Zepp App to manage what alerts appear on your wrist.

## Extreme Temperature Operation

The Amazfit T-Rex 2 is designed for ultra-low temperature operation, functioning in environments as cold as -22°F (-30°C). This ensures reliable performance even in harsh winter conditions.

Official product video showcasing the Amazfit T-Rex 2's rugged outdoor capabilities and GPS features.

Official product video demonstrating the Amazfit T-Rex 2's performance in Arctic conditions, highlighting its ultra-low temperature operation.

## Water Resistance

With a water-resistance grade of 10 ATM, the T-Rex 2 can withstand water pressure equivalent to 100 meters. This makes it suitable for swimming, snorkeling, and other water-based activities.

## MAINTENANCE

### Cleaning Your Smartwatch

Regularly clean your Amazfit T-Rex 2 to ensure optimal performance and hygiene. Wipe the watch body and strap with a soft, damp cloth. For the optical sensor on the back, use a dry, lint-free cloth to gently clean any debris. Avoid using harsh chemicals or abrasive materials.

### Battery Care

To maximize battery lifespan, avoid fully discharging the watch frequently. Charge it when the battery level is low, and try to keep it between 20% and 80% when possible. Store the watch in a cool, dry place if not in use for extended periods.

### Software Updates

Periodically check for software updates through the Zepp App. Updates often include performance improvements, new features, and bug fixes. Ensure your watch is sufficiently charged before initiating any updates.

## TROUBLESHOOTING

If you encounter any issues with your Amazfit T-Rex 2, try the following basic troubleshooting steps:

- **Watch not turning on:** Ensure the watch is fully charged.
- **Pairing issues:** Check if Bluetooth is enabled on your phone and the watch is in pairing mode. Restart both devices.
- **Inaccurate data:** Ensure the watch is worn snugly on your wrist. Clean the optical sensor.
- **Notifications not appearing:** Verify notification settings in the Zepp App and your phone's system settings.
- **Watch unresponsive:** Try restarting the watch by pressing and holding the power button.

For more complex issues, refer to the official Amazfit support resources or contact customer service.

## SPECIFICATIONS

Feature	Specification
Product Dimensions	1.85 x 1.85 x 0.54 inches
Item Weight	2.3 ounces
ASIN	B09XVDX497
Item model number	W2170OV2N
Batteries	1 Lithium Polymer batteries required. (included)
Customer Reviews	4.4 out of 5 stars (3,606 ratings)
Best Sellers Rank	#58,389 in Electronics (#1,675 in Smartwatches)
Date First Available	May 24, 2022
Department	Men's
Manufacturer	Amazfit
Standing screen display size	1.39 Inches
Memory Storage Capacity	8 GB
Ram Memory Installed Size	4 GB
Operating System	Zepp OS
Special Feature	GPS, Heart Rate Monitor, Breath Monitor
Connectivity Technology	Bluetooth
Wireless Communication Standard	Bluetooth
Battery Cell Composition	Lithium Polymer
GPS	GPS Enabled
Shape	Round
Screen Size	1.39 Inches
Brand	Amazfit

## WARRANTY & SUPPORT

For detailed warranty information and further support, please refer to the official user manual provided with your product or visit the Amazfit support website. A digital version of the user manual can be accessed via the following link:

**[Download User Manual \(PDF\)](#)**