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Lgnitek MT500

Lgnitek Smartwatch MT500 User Manual

Model: MT500

Brand: Lgnitek

INTRODUCTION

Welcome to the user manual for your new Lgnitek Smartwatch MT500. This guide provides detailed instructions on how to set up, operate, and maintain your smartwatch, ensuring you get the most out of its advanced features. The Lgnitek MT500 is designed to enhance your daily life with comprehensive health monitoring, smart notifications, and convenient communication capabilities.



Figure 1: Lgnitek Smartwatch MT500

WHAT'S IN THE BOX

Upon unboxing your Lgnitek Smartwatch MT500, please verify that all the following items are included:

- 1 x Smartwatch
- 1 x Charging Cable
- 1 x User Manual (Deutsch) - *This document serves as the English version.*

Wie misst man ein EKG?

1. die EKG-Taste mit dem Finger drücken und gedrückt halten, bis der Test abgeschlossen ist.
2. Sie können das Ergebnis auf der Uhr sehen.
3. spezifische Details innerhalb der APP anzeigen.

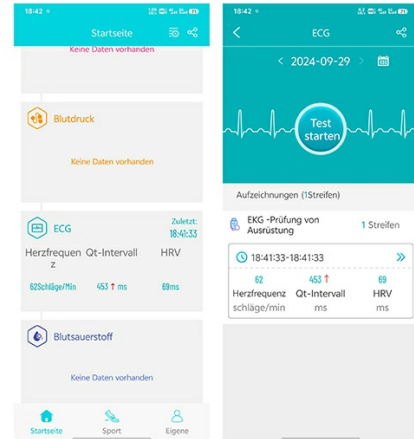


Figure 2: Package Contents

PRODUCT FEATURES

EKG & HRV Monitoring

The smartwatch features an EKG function that captures bioelectrical heart signals, allowing you to view EKG data within 60 seconds. It also provides continuous dynamic heart rate variability (HRV) monitoring. Please note that health data from the smartwatch is for reference only and has no medical value.

ECG

Innovative electrode-based ECG detection

Based on Smart Pulse Wave technology and hardware standards, through the ECG measurement principle: heart bioelectric signals are captured and ECG data can be viewed in 60 seconds.



HRV

Continuous dynamic heart rate
Watch one-button monitoring, APP
one-button monitoring, set up timed
detection, multiple detection methods
to protect your health.

Note: This product is not a medical device and the test data is for reference only.

Figure 3: EKG Measurement on Smartwatch



Figure 4: EKG & PPG Monitoring

Body Composition Evaluation

Using a new degree of sensor and intelligent algorithms, quickly capture the human body waveform data, through the intelligent algorithm analysis, detailed human body data report, synchronised APP to facilitate users to understand the human body at any time.



Blood Composition Evaluation

The measurement of uric acid and blood lipids is especially important, sub-health conditions have tended to be younger, high uric acid, high blood fat-induced diseases affecting the health of the watch with the measurement of uric acid, blood lipids function.

Figure 5: HRV Monitoring

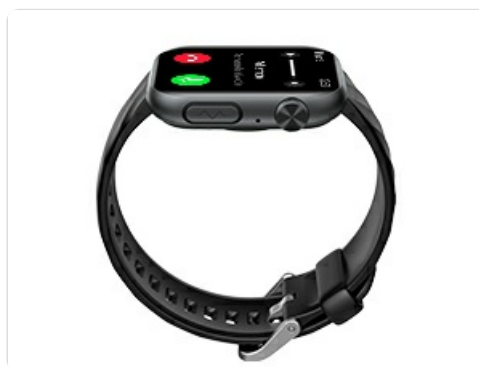


Figure 6: HRV-Lorenz Analysis

BMI / Lipid Monitoring

The smartwatch can detect uric acid and blood lipids in real-time, providing reminders to help prevent diseases caused by high uric acid levels in the blood. It also offers a 24-hour monitoring function for accurate tracking of your blood pressure, blood oxygen, blood sugar, heart rate, body temperature, and sleep status. This helps you better understand your overall health condition. [For reference only, no medical value]

Bluetooth Call

Make or answer calls directly on the watch anytime and anywhere.

Raise your hand to view information



Figure 7: Body Composition and Blood Components



Figure 8: Uric Acid/Blood Lipid Monitoring



Figure 9: Body Composition Evaluation

Bluetooth Calls & Smart Notifications

The smartwatch offers stable calls, notifications, and data transfer via Bluetooth 5.3. You can receive messages from numerous apps without needing to reach for your phone. Answer and make calls, add contacts, and view call history directly on your smartwatch. Never miss an important call or message again, especially while driving or exercising.

New Smart Health Management Watch

A personal health assistant on the wrist

- 24-Hour heart rate
- HRV
- 24-Hour blood oxygen
- sleep tracking
- 24H blood pressure
- Women's Health
- 24H body temperature
- Breathing exercises
- 24H uric acid
- stress testing
- 24H blood lipids
- MET

SOS

Health Glance
30-second measurement of multiple health indicators

Micro-Checkup Function

Sleep monitoring

Sleep 09:30
08.9 hr
Goal: 08.6 hr

Figure 10: Bluetooth Call Interface

1.97" AMOLED HD Screen

Thanks to the excellent screen-to-body ratio and black edge control, the larger screen with 2.5D spherical glass is pleasing to the eye every time you check your watch.



Figure 13: New Smart Health Management

HRV-Lorenz-Analyse

Durch EKG-Überwachung, Wellensignalaufzeichnung und Punktdiagrammbildung werden Anomalien analysiert und das Benutzer-Management verbessert. Mithilfe des Lorenz-Streuungsdiagramms können Herzunregelmäßigkeiten frühzeitig erkannt werden.



***Dieses Produkt ist kein medizinisches Gerät, die Messdaten und Ergebnisse dienen nur als Referenz.**

Figure 14: 24/7 Health Monitoring



Figure 15: 50+ Sport Modes Fitness Tracker



Figure 16: MET Monitoring

1.97" AMOLED HD Touchscreen & Customization

The smartwatch features a 1.97-inch HD touchscreen with 390 x 450 resolution for vivid images and sensitive control. AMOLED technology provides higher contrast and deeper blacks, while saving energy and extending battery life. The image is vibrant and clearly visible, and it comes with an extra screen protector. You can also customize your watch with over 150+ DIY watch faces.

Product Size



Ultra-long battery life

3 Hours Charge



3-7 Days Use Time



20 Days Standby Time



Figure 17: Customizable Watch Faces

24/7 Gesundheitsüberwachung

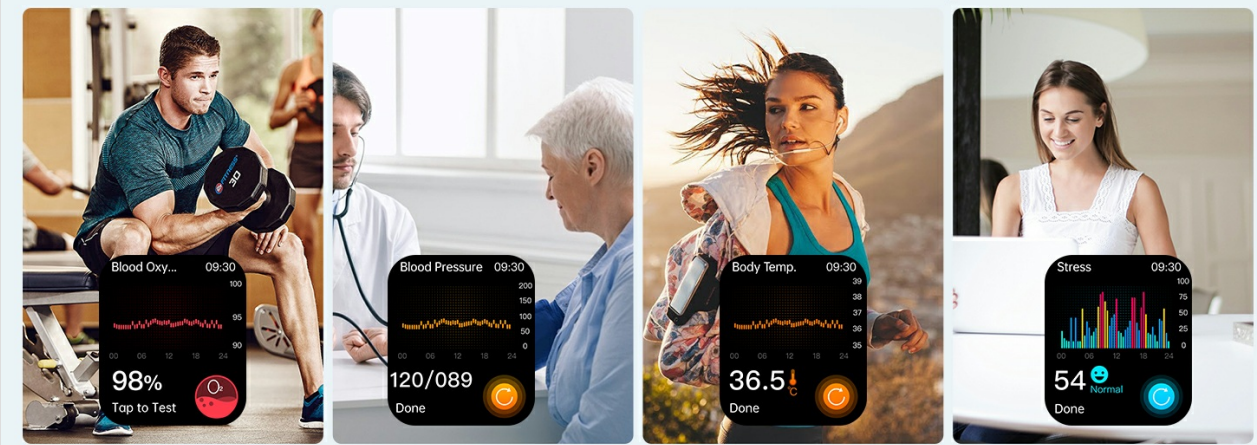


Figure 18: 150+ DIY Dials

Ultra-long Battery Life

The sports watch is equipped with a 325 mAh battery, offering up to 20 days of standby time and 3-7 days of normal use. A full charge takes approximately 3 hours.

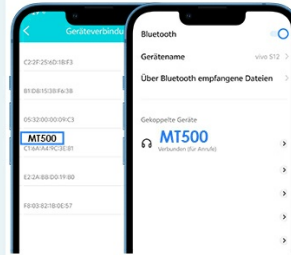
Wie wird die Uhr mit der APP verbunden?



1. laden Sie "H-Band" aus dem APP-Shop herunter.



2. schalten Sie das Bluetooth Ihres Mobiltelefons ein und scannen Sie nach dem Gerät, finden Sie "MT500", um es zu verbinden.



3. Öffnen Sie die "H-Band"-App, finden Sie das "MT500", das Sie verbinden möchten, und koppeln Sie es dann.



4. Nach der Kopplung kann die Uhr direkt Anrufe empfangen oder tätigen.

Figure 19: Battery Life Overview

Other Useful Functions

The smartwatch includes various practical functions such as an AI voice assistant (for asking questions, playing music, setting alarms/timers, checking weather), menstrual tracking, breathing exercises, heart rate alerts, calculator, games, alarm clock, and sedentary reminders.

Bluetooth 5.3 Smartwatch für Android und iOS

Synchronisiert und verbunden bleiben.



Figure 20: Additional Smartwatch Functions

SETUP

Connecting to the App

To fully utilize your Lgnitek Smartwatch MT500, you need to connect it to the companion app (referred to as 'H-Band' in the instructions, or 'VeriFit' as mentioned in some reviews).

1. Download the 'H-Band' app from your smartphone's App Store (iOS) or Google Play Store (Android).

2. Ensure Bluetooth is enabled on your mobile phone.
3. Open the 'H-Band' App. The app will scan for nearby devices. Find 'MT500' in the list and select it to connect.
4. After successful pairing, your watch will be able to receive and make direct calls.



Figure 21: Connecting the Watch to the App

Bluetooth Connection Tips

- **Ensure Bluetooth is Activated:** Please make sure Bluetooth is enabled on both your smartphone and your smartwatch. Some devices automatically disable Bluetooth in power-saving mode; ensure your device is not in this mode.
- **Keep Devices Nearby During Pairing:** It is recommended to keep the smartwatch and smartphone within one meter during the pairing and connection process to avoid connection errors due to long distances.
- **Avoid Connecting Multiple Devices Simultaneously:** Some smartwatches may experience issues when connected to multiple Bluetooth devices at once. It is recommended to connect only one smartphone at a time.
- **Check System Compatibility:** Ensure your smartphone's operating system version is compatible with the smartwatch's Bluetooth version (e.g., iOS 10.0 or higher, Android 5.0 or higher).
- **Regular Disconnection and Reconnection:** If your smartwatch experiences connection problems or synchronization delays, try disconnecting and reconnecting the Bluetooth connection or restarting the devices.

Weitere Funktionen für Sie zu entdecken

Bluetooth-Musik, Wetteransicht, KI-Sprachassistent, Rechner, Wecker, Frauenpflege, Handy suchen, Terminerinnerung, Foto schütteln, Sitzreminder, Stoppuhr, Countdown-Timer und viele weitere praktische Funktionen, die Sie entdecken können!



Figure 22: Bluetooth Connection Best Practices

OPERATING INSTRUCTIONS

How to Measure EKG

1. Locate the EKG button on your smartwatch.
2. Press and hold the EKG button with your finger until the test is complete (approximately 60 seconds).
3. You can view the immediate result on the watch screen.
4. For specific details and historical data, view the results within the companion app.



Figure 23: EKG Measurement Guide

How to Set Up SOS Emergency Call

The smartwatch features an SOS emergency call function for critical situations.

1. In the companion app, navigate to 'My Device' and click on 'MT500'.
2. Then, click on 'Contacts'.
3. First, add your emergency contacts. After adding, click on 'SOS' to activate the emergency contact feature (it will turn red).
4. On the watch, long press the On/Off button. Slide the option to the right to 'SOS'.
5. You can now initiate an SOS emergency call from your smartwatch.



Figure 24: SOS Emergency Call Setup

Sleep Monitoring

The watch supports comprehensive sleep quality monitoring. It records deep sleep, light sleep, and nocturnal sleep, and quantifies your sleep quality to help you better understand and improve your sleep patterns.

EKG & PPG -Elektrodentyp

Using ECG sensor chip and powdermetallurgy technology Superconductivityhelps users detect anomalies Assessemergencies in a fimely manner.

*Dieses Produkt ist kein medizinisches Gerat, die Messdaten und Ergebnisse dienen nur als Referenz.

Figure 25: Sleep Monitoring Feature

MAINTENANCE

To ensure the longevity and optimal performance of your Lgnitek Smartwatch MT500, please follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the watch screen and strap with a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, but ensure no moisture enters the device.
- **Charging:** Use only the provided charging cable. Avoid using damaged cables or chargers. Do not charge the watch in wet conditions.
- **Storage:** Store the smartwatch in a cool, dry place away from direct sunlight and extreme temperatures.
- **Water Resistance:** While the watch may have some water resistance, avoid prolonged submersion or exposure to high-pressure water (e.g., showering, swimming) unless explicitly stated in product

specifications.

- **Avoid Impacts:** Protect the watch from drops and impacts, which can damage the screen or internal components.

TROUBLESHOOTING

If you encounter any issues with your Lgnitek Smartwatch MT500, please refer to the following common troubleshooting steps:

- **Connection Issues:** If the watch fails to connect to your smartphone, ensure Bluetooth is enabled on both devices, they are within range (approx. 1 meter), and no other devices are interfering. Try restarting both the watch and your phone. Refer to the [Bluetooth Connection Tips](#) section for more details.
- **Inaccurate Health Readings:** Remember that health data (EKG, blood pressure, blood oxygen, etc.) is for reference only and not for medical diagnosis. Ensure the watch is worn correctly and snugly on your wrist for the most accurate readings possible.
- **Battery Draining Quickly:** Reduce screen brightness, disable unnecessary notifications, and limit continuous health monitoring if not needed. Ensure the watch is fully charged using the provided cable.
- **Screen Unresponsive:** Try restarting the watch by long-pressing the power button. If the issue persists, ensure the screen is clean and dry.
- **App Synchronization Problems:** Ensure the app is updated to the latest version. Check your phone's app permissions to ensure the app has access to Bluetooth and location services.

If these steps do not resolve your issue, please contact customer support.

SPECIFICATIONS

Feature	Detail
Model Number	MT500
Brand	Lgnitek
Display Size	1.97 inches (5.1 cm visible diagonal)
Display Type	AMOLED HD Touchscreen
Battery Capacity	325 mAh Lithium-Polymer
Battery Life (Normal Use)	3-7 Days
Battery Life (Standby)	Up to 20 Days
Charging Time	Approx. 3 Hours
Connectivity	Bluetooth 5.3
Storage Capacity	128 MB
GPS	GPS via Smartphone
Shape	Rectangular
Special Feature	Always-on display
Country of Origin	China
Package Dimensions	16.2 x 10.8 x 1.9 cm; 150 grams

IMPORTANT NOTES & DISCLAIMER

Disclaimer: The health data provided by this smartwatch (including EKG, HRV, uric acid, blood lipids, blood pressure, blood oxygen, blood sugar, heart rate, body temperature, and sleep status) is for reference purposes only and should not be used for medical diagnosis, treatment, or prevention of any disease. It is not a medical device. Always consult with a qualified healthcare professional for any health concerns or medical advice.

SUPPORT & WARRANTY

Lgnitek is committed to providing excellent customer service. If you have any questions, encounter issues, or require support regarding your Smartwatch MT500, please do not hesitate to contact us. We aim to respond to all inquiries within 12 hours.

For contact information, please refer to the product packaging or the official Lgnitek website.

