HUAWEI 55020DAF

Huawei Watch D2 Luca-B19 User Manual

Model: 55020DAF

1. Introduction

Welcome to the user manual for your new Huawei Watch D2 Luca-B19. This advanced wearable device is designed to provide comprehensive health monitoring, including ambulatory blood pressure measurement, heart rate tracking, and SpO2 monitoring, alongside smart features for daily life and fitness. This manual will guide you through the setup, operation, maintenance, and troubleshooting of your device to ensure optimal performance and user experience.



Figure 1.1: Front view of the Huawei Watch D2, showcasing its display with health metrics. The watch features a black aluminum case and a black fluorine elastomer strap.

2. What's in the Box

Please check the contents of your package. If any items are missing or damaged, contact your retailer.

- Huawei Watch D2 Luca-B19 (with pre-installed strap)
- Charging Cradle
- Charging Cable (USB-C)
- Quick Start Guide
- Safety Information

3. Setup

3.1 Charging the Device

Before first use, fully charge your Huawei Watch D2. Connect the charging cradle to a power source using the provided USB-C cable. Place the watch onto the cradle, ensuring the magnetic contacts align. The watch screen will indicate charging status. A full charge typically takes approximately 2 hours. The watch uses 1 Lithium Polymer battery.

3.2 Powering On/Off

- **Power On:** Press and hold the Power button (usually the top button on the side) until the Huawei logo appears.
- **Power Off:** Press and hold the Power button, then select 'Power Off' on the screen.

3.3 Pairing with Your Smartphone

To unlock the full potential of your Huawei Watch D2, pair it with your smartphone via Bluetooth. The watch operates on HarmonyOS.

1. Download and install the Huawei Health app from your phone's app store.
2. Open the Huawei Health app and log in or register your Huawei ID.
3. Go to 'Devices' in the app and tap 'Add device'.
4. Select 'Smartwatches' and choose 'Huawei Watch D2'.
5. Follow the on-screen instructions on both your phone and watch to complete the pairing process. Ensure Bluetooth is enabled on your phone.

3.4 Adjusting the Strap

The Huawei Watch D2 features an innovative 2-in-1 strap design with a 26.5mm mechanical airbag. For accurate health monitoring, ensure the watch is worn snugly but comfortably on your wrist. The strap can be adjusted using the quick-release button for easy on and off.



Figure 3.1: Side view of the Huawei Watch D2, highlighting the crown and side button for interaction.

4. Operating Your Watch

4.1 Basic Navigation

The Huawei Watch D2 features a 1.82-inch AMOLED touchscreen display for intuitive interaction.

- **Swipe Up/Down:** Scroll through notifications, quick settings, or menus.
- **Swipe Left/Right:** Navigate between different health cards (Heart Rate, SpO2, Activity, etc.).
- **Tap:** Select an item or open an application.
- **Press Side Button:** Access the app list or return to the home screen.
- **Press Crown:** Rotate to scroll through lists or zoom in/out. Press to return to the watch face or confirm selection.

4.2 Health Monitoring

The watch is equipped with advanced sensors for comprehensive health tracking.

- **Ambulatory Blood Pressure Monitoring:** Start a 24-hour monitoring plan through the watch or Huawei Health app. The watch provides data on SBP and DBP readings, even during sleep, offering insights into trends.
- **Heart Rate Monitoring:** Continuous heart rate tracking provides real-time data and alerts for abnormal readings.
- **SpO2 Monitoring:** Measure your blood oxygen saturation levels.
- **Real-time Health Panorama:** Get a practical report with up to 9 key health indicators, presented with dynamic trends in intuitive graphs and tables.

4.3 Fitness Tracking

Immerse yourself in your favorite workouts with over 80 training modes. The watch supports auto-detection for six common activities and precise GNSS positioning for outdoor activities.

- **Workout Modes:** Select your desired workout from the app list to track metrics like duration, calories burned, heart rate zones, and more.
- **GNSS Positioning:** For outdoor activities like running or cycling, the built-in GPS provides accurate route tracking and distance measurement.

4.4 Smart Features

- **Bluetooth Calling:** Connect the smartwatch to your phone via Bluetooth to answer or reject calls and view call logs directly from your wrist.
- **Notifications:** Receive notifications from your smartphone apps directly on your watch.
- **Customizable Watch Face:** Personalize your watch face to display the functions you use most frequently. The Always-On Display (AOD) feature keeps essential information visible.
- **Screenshot:** Press the up and down buttons simultaneously to take a screenshot of the watch screen. Screenshots can be viewed in your phone's gallery.

5. Maintenance

5.1 Cleaning Your Watch

Regular cleaning helps maintain the watch's appearance and sensor accuracy.

- Wipe the watch screen and body with a soft, lint-free cloth.
- For the strap, use a damp cloth and mild soap if necessary, then rinse thoroughly and dry. The fluorine elastomer strap is sweat-wicking and soft on the skin.
- Ensure the charging contacts on the back of the watch and cradle are clean and dry before charging.



Figure 5.1: Back view of the Huawei Watch D2, illustrating the health sensors and charging contacts.

5.2 Battery Care

- Avoid exposing the watch to extreme temperatures.
- Do not let the battery completely drain for extended periods.
- Use only the official charging cradle and cable.

6. Troubleshooting

If you encounter issues with your Huawei Watch D2, try the following solutions:

Problem	Possible Solution

Problem	Possible Solution
Watch not powering on	Ensure the watch is fully charged. Connect to the charger for at least 10 minutes before attempting to power on again.
Unable to pair with phone	Ensure Bluetooth is enabled on your phone. Restart both the watch and phone. Clear Bluetooth cache on your phone. Try pairing again through the Huawei Health app.
Inaccurate health readings	Ensure the watch is worn snugly on your wrist. Clean the sensors on the back of the watch. Update the watch firmware and Huawei Health app to the latest version.
Short battery life	Reduce screen brightness, disable Always-On Display (AOD) if not needed, limit background app refresh, and ensure no apps are draining power excessively.
Watch is unresponsive	Perform a forced restart by pressing and holding the Power button for approximately 10-15 seconds until the watch restarts.

7. Specifications

Key technical specifications for the Huawei Watch D2 Luca-B19:

- **Model Number:** 55020DAF
- **Display:** 1.82 Inches AMOLED, 1500 rivet brightness
- **Operating System:** HarmonyOS
- **Connectivity:** Bluetooth
- **Battery:** 1 Lithium Polymer battery (included)
- **Item Weight:** 7.82 Grams (0.276 ounces)
- **Band Width:** 26.5 Millimeters
- **International Protection Rating:** IP68
- **Human Interface Input:** Touchscreen
- **Color:** Blackone
- **Manufacturer:** Huawei

8. Warranty and Support

Your Huawei Watch D2 Luca-B19 comes with a manufacturer's warranty. For detailed warranty terms and conditions, please refer to the warranty card included in your package or visit the official Huawei support website. For technical support, software updates, and frequently asked questions, please visit consumer.huawei.com/en/support/.

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