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MJVV TB0009

MJVV 4G GPS Smart Watch TB0009 User Manual

Model: TB0009

1. Introduction

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your MJVV 4G GPS Smart Watch TB0009. This device is designed to offer communication, safety, and health monitoring features for elderly users, including real-time GPS tracking, two-way calling, video calls, SOS emergency alerts, and health monitoring functions.

Please read this manual thoroughly before using the watch to ensure proper functionality and safety.

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2. Product Overview

2.1 Package Contents

Upon unpacking, please verify that all items listed below are present:

- MJVV 4G GPS Smart Watch TB0009
- Charging Cable (Magnetic)
- User Manual (This document)

2.2 Key Features

- **4G Connectivity:** Supports Nano SIM card for global communication.
- **Real-time GPS Tracking:** Accurate location tracking via companion application.
- **Two-way Communication:** Supports phone calls and HD video calls.
- **SOS Emergency Call:** Dedicated button for immediate assistance.
- **Geo-Fence:** Set safe zones and receive alerts when the wearer enters or exits.
- **Health Monitoring:** Heart rate, blood pressure, blood oxygen, and temperature monitoring.
- **Water Resistance:** Designed for everyday splashes and light rain.
- **Pedometer:** Tracks daily steps.
- **Voice Messaging:** Send and receive short voice messages.
- **Camera & Photo Album:** Integrated camera for capturing images.
- **Magnetic Charging:** Convenient and secure charging method.

Figure 1: MJVV 4G GPS Smart Watch TB0009. The watch features a square display, side buttons, and a camera lens.

3. Setup Guide

3.1 SIM Card Installation

The MJVV 4G GPS Smart Watch requires a Nano SIM card with both call and network functions to enable its communication and tracking features. Please ensure the SIM card is active and has a data plan.

1. Power off the watch completely.
2. Locate the SIM card slot on the side of the watch.
3. Carefully insert the Nano SIM card into the slot, ensuring correct orientation. Refer to the diagram if available on the watch itself or packaging.
4. Close the SIM card tray securely.
5. Power on the watch. The watch should display network signal strength once the SIM card is recognized.

3.2 Companion Application Download and Pairing

To utilize the full range of features, including GPS tracking and remote management, download the dedicated companion application on your smartphone (compatible with Android and iOS).

1. Scan the QR code provided in the watch packaging or search for the application name (usually indicated on the watch screen during initial setup or in the packaging) in your smartphone's app store (Google Play Store for Android, Apple App Store for iOS).
2. Install the application and create an account.
3. In the application, select the option to add a new device.
4. Scan the QR code displayed on the watch screen or enter the device ID manually to pair the watch with your account.
5. Follow the on-screen prompts in the app to complete the pairing process and set up initial user information.

3.3 Initial Configuration

After pairing, configure essential settings through the companion application:

- **SOS Numbers:** Add up to three emergency contact numbers. These numbers will be called sequentially when the SOS button is pressed.
- **Phone Book:** Add contacts that the watch can call or receive calls from.
- **Geo-Fence:** Define safe areas on a map. You will receive alerts if the watch wearer enters or leaves these areas.
- **Silent Mode:** Set periods when the watch will not ring to avoid disturbance.
- **Alarm Clock:** Set reminders or wake-up times.

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4. Operating Instructions

4.1 Basic Navigation

The watch features a full touch screen for navigation. Swipe left/right or up/down to access different functions and menus. Press the side button (usually the power button) to return to the home screen or wake the display.

4.2 Making and Receiving Calls

- **Phone Calls:** From the watch interface, navigate to the 'Phone Book' or 'Dial Pad' to initiate a call to a pre-saved contact or dial a number.
- **Video Calls:** Access the 'Video Call' function on the watch to initiate a video call with contacts who also have the companion app or compatible devices.
- **Receiving Calls:** When a call comes in, the watch will ring. Tap the green icon to answer or the red icon to decline.

Figure 2: The watch display showing an HD video call in progress, allowing visual communication with family members.

Figure 3: The watch displaying an incoming call, indicating clear two-way communication capabilities.

4.3 SOS Emergency Function

In an emergency, press and hold the dedicated SOS button on the watch. The watch will automatically dial the pre-set emergency contacts sequentially until one answers. An SOS message will also be sent to the companion application.

Figure 4: Illustration of the SOS Emergency Call feature, showing the watch displaying 'SOS' and a person who has fallen, alongside the Voice Monitoring feature.

4.4 GPS Tracking and Geo-Fence

Monitor the wearer's location in real-time through the companion application. The 'Historical Route' feature allows you to view past locations for up to 90 days. Set up 'Geo-Fence' boundaries in the app to receive alerts when the watch wearer enters or exits designated safe areas.

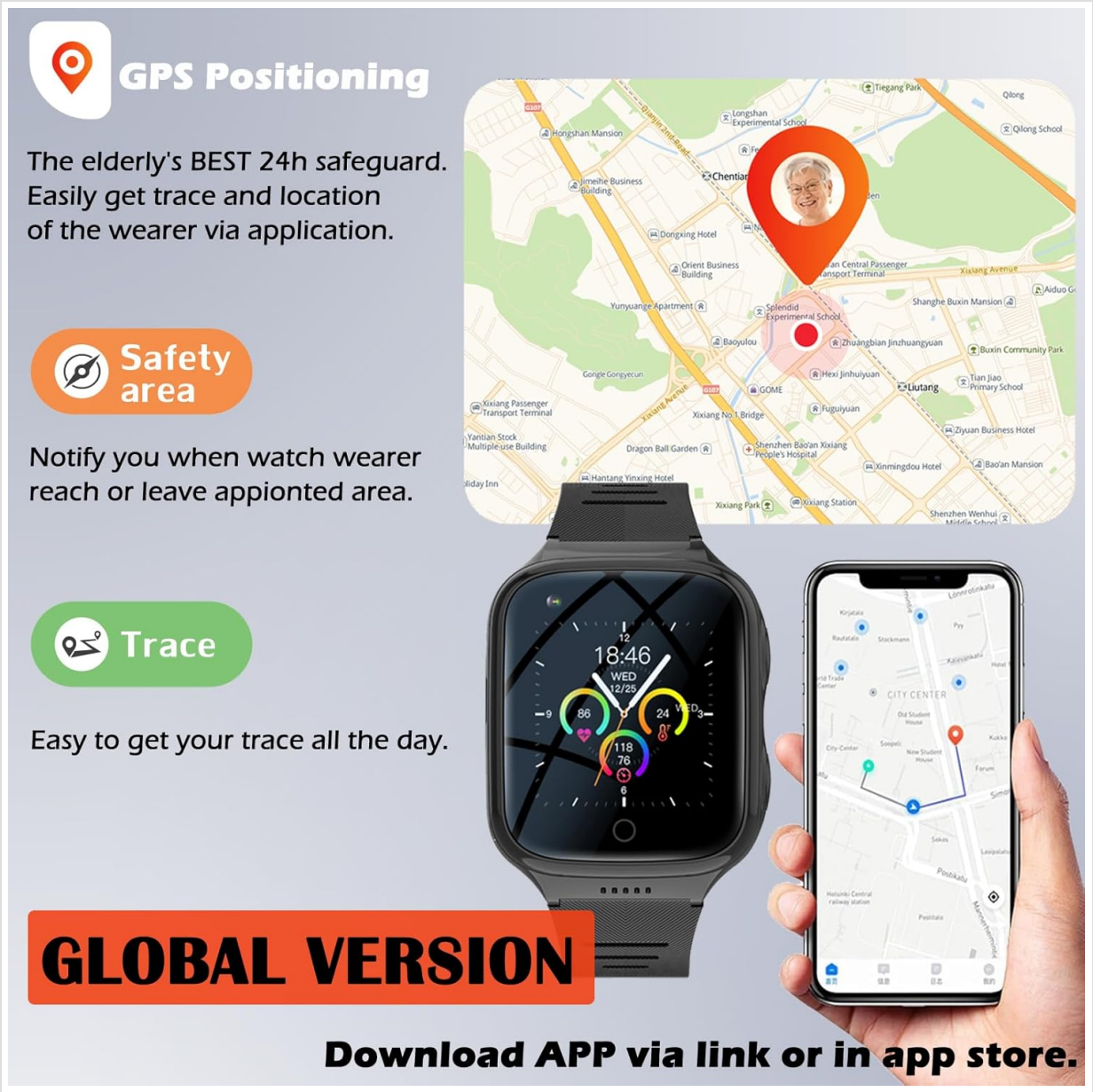

Figure 5: Depicts the GPS positioning feature, showing a map with the wearer's location and a defined safety area. The watch also displays a trace of movement.

Figure 6: Illustrates the real-time tracking capability, showing an elderly couple walking outdoors and a map interface for monitoring their location.

4.5 Voice Messages

Record and send short voice messages to contacts through the watch interface. Received voice messages can be played back on the watch.

4.6 Health Monitoring

The watch is equipped with sensors to monitor heart rate, blood pressure, blood oxygen, and body temperature. Access these functions from the watch menu to take readings. Data can be viewed on the watch and in the companion application.

Note: Health monitoring data is for reference only and should not be used for medical diagnosis or treatment.

Figure 7: Displays the watch measuring heart rate and temperature, highlighting its health monitoring capabilities.

Figure 8: Shows the watch displaying health metrics such as blood pressure, blood oxygen, and heart rate, emphasizing continuous health attention.

4.7 Pedometer

The built-in pedometer automatically tracks the wearer's daily steps. View step count and activity data on the watch or in the companion application.

4.8 Camera and Photo Album

Use the integrated camera to take photos. Photos are stored in the watch's photo album and can be viewed directly on the device.

4.9 Other Functions

- **Alarm Clock:** Set and manage alarms through the watch or the companion app.
- **Silent Mode:** Activate silent mode to prevent incoming calls or notifications from disturbing the wearer during specific times.

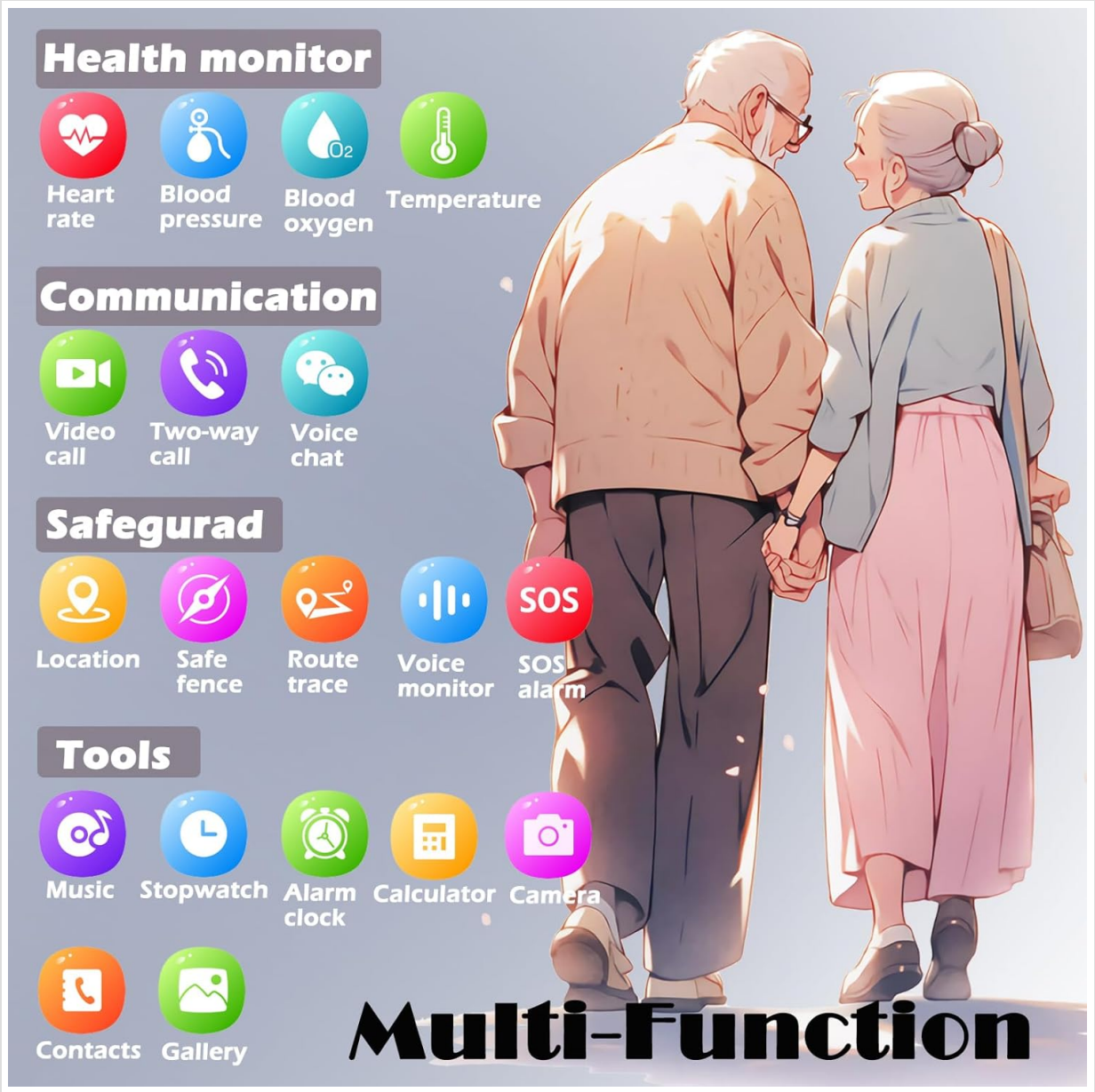

Figure 9: An overview of the watch's multi-functional capabilities, categorized into Health Monitor, Communication, Safeguard, and Tools, represented by various icons.

5. Maintenance

5.1 Charging

Connect the magnetic charging cable to the charging points on the back of the watch. Ensure the cable is securely attached. Connect the USB end of the cable to a standard USB power adapter (not included) or a computer USB port. A full charge typically takes a few hours.

Figure 10: Shows the back of the watch with thermal conductivity and optical sensors, along with the magnetic charging points and an illustration of the charging process.

5.2 Water Resistance

The watch features an everyday water-resistant design, making it safe for washing hands or exposure to light rain. It is not suitable for swimming, showering, or submersion in water.

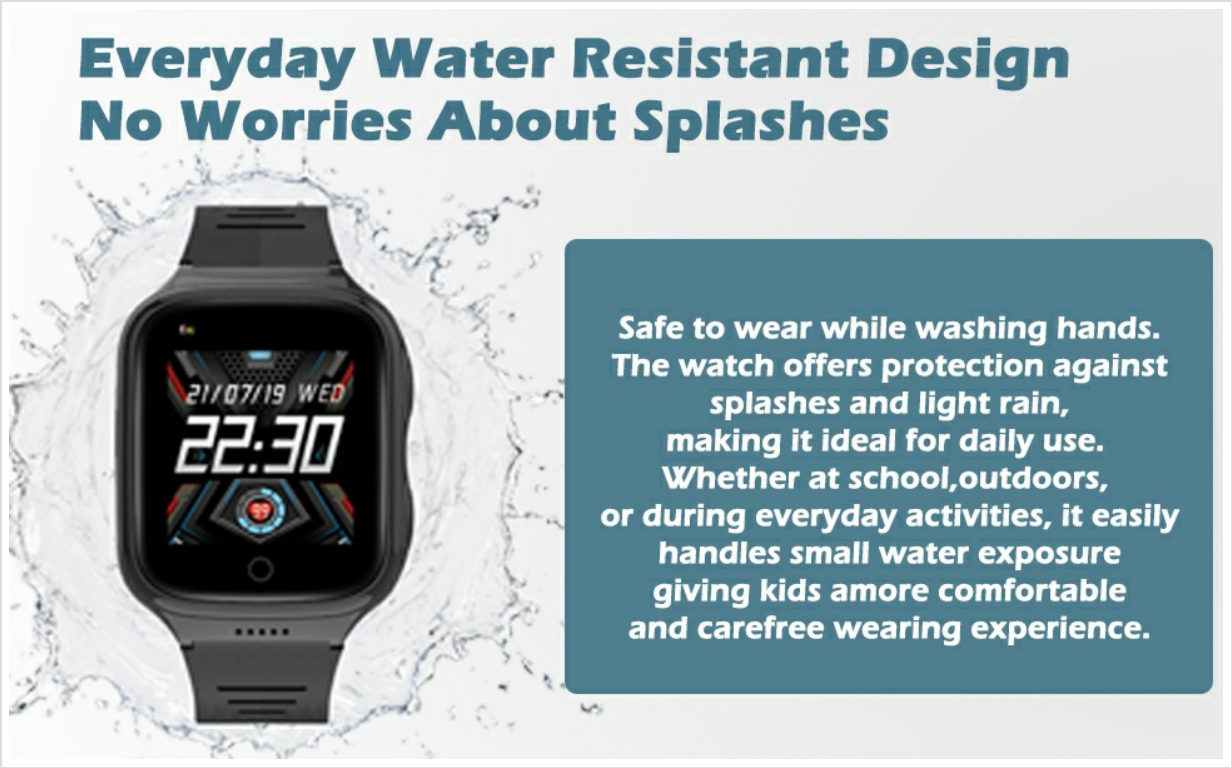

Figure 11: Demonstrates the watch's water-resistant capabilities, showing it being splashed with water, suitable for daily activities like hand washing.

5.3 Cleaning

Wipe the watch and strap regularly with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials that could damage the device.

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6. Troubleshooting

Problem	Possible Cause	Solution
Watch not powering on	Low battery; Power button not pressed long enough.	Charge the watch for at least 30 minutes. Press and hold the power button for 5-10 seconds.
No network signal / Cannot make calls	SIM card not installed correctly; SIM card not active or no data plan; Poor network coverage.	Reinstall SIM card. Ensure SIM card is active and has a data/call plan. Move to an area with better network coverage.
GPS tracking inaccurate or unavailable	Poor GPS signal (indoors, dense areas); Watch not connected to network.	Move to an open outdoor area. Ensure SIM card has active data.
Companion app cannot connect to watch	Watch not powered on; Watch not paired; Network issues.	Ensure watch is on and has network. Re-pair the watch if necessary. Check smartphone's internet connection.
Health monitoring readings seem incorrect	Watch not worn correctly; Movement during measurement.	Ensure watch is snug on the wrist. Remain still during measurements. Remember readings are for reference only.

7. Specifications

- **Model:** TB0009
- **Brand:** MJVV
- **Screen Size:** 1.3 Inches (Standing screen display size: 2" / 4 cm diagonal)
- **Operating System:** Android, iOS compatible (for companion app)
- **Connectivity:** 4G (requires Nano SIM), Wi-Fi (802.11n), GPS
- **Battery:** 1 Lithium Ion battery (included), 800mAh
- **Charging:** Magnetic
- **Water Resistance:** Everyday water resistant (splashes, light rain)
- **Item Weight:** 6.7 ounces
- **Package Dimensions:** 6.34 x 3.5 x 1.73 inches
- **Special Features:** Geo-fence, Two-way phone call, HD Video Call, SOS Alarm Calling, Voice chat, Text message, GPS+WiFi+LBS Multiple tracker mode, Disturb Mode, Full Touch Screen, Real-time GPS tracking, Pedometer, History route.

8. Warranty and Support

For warranty information and technical support, please refer to the contact details provided with your purchase or visit the official MJVV website. Keep your purchase receipt as proof of purchase for warranty claims.

Important Note: The product requires a separate Nano SIM card and a monthly plan for full functionality, which is not included with the watch purchase.