HIHBI AOJ-70B

HIHBI AOJ-70B Pulse Oximeter User Manual

Model: AOJ-70B | Brand: HIHBI

1. Product Overview

The HIHBI AOJ-70B Pulse Oximeter is a portable device designed for accurately measuring blood oxygen saturation levels (SpO2), pulse rate (PR), and perfusion index (PI). It features a clear OLED color display for convenient reading and is suitable for sports and aviation use.



Image: The HIHBI AOJ-70B Pulse Oximeter shown alongside its smartphone application interface, displaying SpO2 and pulse rate readings.

Key Features:

- Reliable and Accurate: Determines SpO2, pulse rate, and pulse strength in approximately 10 seconds.
- Portable Design: Lightweight (43g without batteries) and compact for easy carrying.
- OLED Color Display: Large, clear digital display for easy readability.
- Bluetooth Connectivity: Connects to a smartphone app for real-time data viewing and historical record keeping.
- Customizable Settings: Adjustable sound reminders, brightness, and alarm thresholds.
- Automatic Power-Off: Conserves battery life by automatically turning off when not in use.



Image: Visual representation of the pulse oximeter's features including SpO2 value, pulse rate, Bluetooth, Smart APP, pulse rate wave, perfusion index, low battery indicator, easy-to-read display, and auto switch-off.

Product Components:



Image: A diagram highlighting the key components of the pulse oximeter, including Oxygen Saturation display, Large OLED Display, Perfusion Index, Power Button, Plethysmogram, Pulse Rate, Battery, and Finger Sensor.

- Pulse Oximeter Unit (AOJ-70B)
- User Manual
- AAA Batteries (x2)

2. Setup

2.1. Battery Installation

The device requires two AAA batteries for operation. To install:

1. Locate the battery compartment cover on the back of the device.
2. Slide the cover off to open the compartment.
3. Insert two AAA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Slide the battery cover back on until it clicks into place.

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Video: Demonstration of battery installation and initial power-on of the HIHBI AOJ-70B Pulse Oximeter.

2.2. Smartphone App Connection (Optional)

For enhanced functionality, including real-time data monitoring and historical record keeping, connect your oximeter to the Tuya Smart App.

1. Download the "Tuya Smart" app from your device's app store (App Store for iOS or Google Play for Android).
2. Open the app and sign up or log in to your account.
3. Ensure Bluetooth is enabled on your smartphone.
4. Power on the pulse oximeter by pressing the power button.
5. In the Tuya Smart app, select "Add Device" and allow the app to search for nearby Bluetooth devices.
6. Once the "Pulse Oximeter" is discovered, select it to pair.
7. Follow any on-screen prompts to complete the connection.

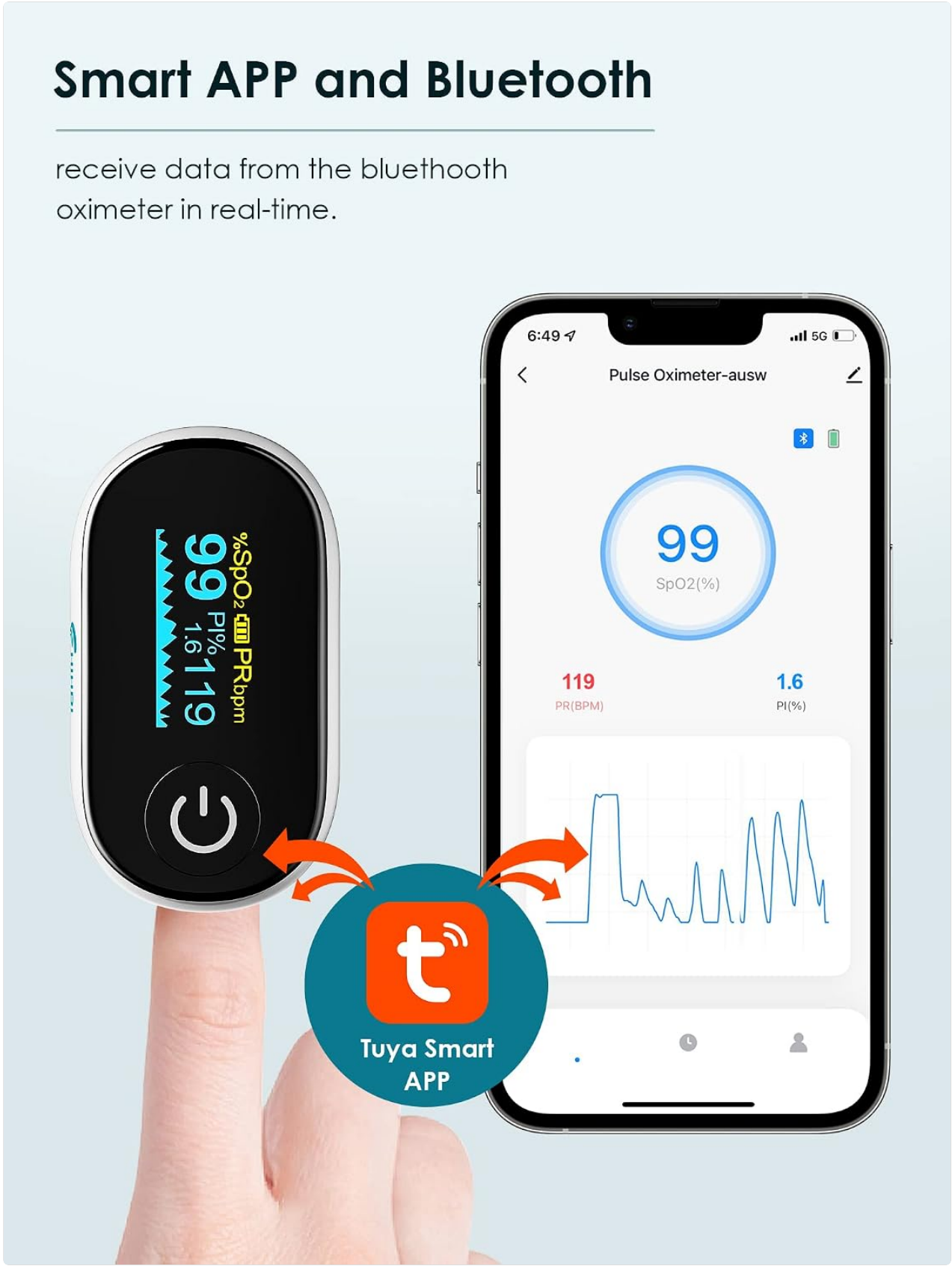


Image: Visual guide illustrating the Bluetooth connection process between the pulse oximeter and the Tuya Smart App for real-time data reception.

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Video: Demonstration of connecting the HIHBI AOJ-70B Pulse Oximeter to a smartphone app and viewing live readings.

3. Operating Instructions

To obtain accurate readings, follow these steps:

1. Ensure the device has sufficient battery power.
2. Open the clamp of the pulse oximeter.
3. Insert one of your fingers (preferably the index or middle finger) fully into the rubber opening of the oximeter, ensuring your nail is facing upwards towards the display.
4. Release the clamp.
5. Press the power button once to turn on the device.
6. Keep your hand still and avoid movement during the measurement.
7. The readings for SpO2, PR (Pulse Rate), and PI (Perfusion Index) will appear on the OLED display within approximately 10 seconds.
8. Remove your finger once the reading is stable. The device will automatically power off after a few seconds of inactivity.



Image: The pulse oximeter being used in different scenarios, including for general health monitoring, during pregnancy, for outdoor activities like hiking and cycling, and during exercise.

3.1. Custom Settings:

You can adjust various settings on the device:

- Press and hold the power button while the device is on to enter the settings menu.
- Short press the power button to navigate through options like Sound Reminder, Beep, Demo mode, Restore, and Brightness.

- Long press to select or adjust the chosen setting.



Image: Screenshots of the pulse oximeter's display showing "Limit Setup" for setting SpO2 and PR thresholds, and "Remind Setup" for adjusting sound, beep, demo, restore, and brightness settings.

4. Maintenance

4.1. Cleaning:

- Clean the surface of the oximeter with a soft cloth dampened with medical alcohol (75% ethanol or 70% isopropanol).
- Wipe the finger sensor opening with the same solution.
- Allow the device to air dry completely before use.
- Do not immerse the device in water or any cleaning solution.

4.2. Storage:

- Store the device in a cool, dry place away from direct sunlight, extreme temperatures, and humidity.
- If the device will not be used for an extended period, remove the batteries to prevent leakage and damage.

5. Troubleshooting

Problem	Possible Cause	Solution
"Finger out" message or no reading.	Finger not inserted correctly or movement during measurement.	Reinsert finger fully and keep hand still. Ensure nail is facing upwards.
Display is dim or device won't turn on.	Low batteries or incorrect battery installation.	Replace batteries with new ones, ensuring correct polarity.
Inconsistent or erratic readings.	Excessive movement, cold fingers, or nail polish/artificial nails.	Remain still, warm your fingers, or remove nail polish/artificial nails.
Bluetooth connection issues.	Bluetooth not enabled on phone, app permissions, or device not discoverable.	Ensure phone Bluetooth is on, grant app permissions, and restart both devices.

6. Specifications

Attribute	Value
Model Name	AOJ-70B
Brand	HIHBI
Color	White
Measuring Range	35%-100% (SpO2)
Pulse Rate Range	25-250bpm
Power Source	2 AAA batteries (included)

Attribute	Value
Item Weight	2.89 ounces (approx. 82g)
Manufacturer	Shenzhen AOJ Medical Technology Co, Ltd

7. Warranty and Support

The HIHBI AOJ-70B Pulse Oximeter comes with a 30-day money-back guarantee and 1 year of after-sale support. For any inquiries, issues, or support needs, please contact our customer service team. We aim to respond within 12 hours normally.
For support, you may refer to the contact information provided in your product packaging or visit the official HIHBI website.

8. Important Information & Legal Disclaimer

This device is intended for sports and aviation use only. It is not a medical device and should not be used for medical diagnosis or treatment. Statements regarding dietary supplements have not been evaluated by the FDA and are not intended to diagnose, treat, cure, or prevent any disease or health condition.
Always consult with a qualified healthcare professional for any medical concerns or conditions.

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