

Vibeat PF-10BW

Vibeat PF-10BW Finger Pulse Oximeter User Manual

Model: PF-10BW

1. INTRODUCTION

Thank you for choosing the Vibeat PF-10BW Finger Pulse Oximeter. This device is designed for continuous monitoring of blood oxygen saturation (SpO2) and pulse rate, particularly during sleep. It features integrated data storage, Bluetooth connectivity for app synchronization, and a rechargeable battery. Please read this manual thoroughly before use to ensure proper operation and to maintain the device's longevity.

2. PRODUCT OVERVIEW

2.1 Key Features

- **Continuous Monitoring:** Monitors and stores blood oxygen levels and pulse rate continuously.
- **Integrated Data Storage:** Stores up to eight sets of 10-hour continuous SpO2 data without requiring a smartphone connection.
- **Bluetooth Connectivity:** Seamlessly syncs data to the Vihealth APP for detailed analysis and reporting.
- **Rechargeable Battery:** Equipped with a Type-C interface, providing up to 24 hours of use on a single charge.
- **Four-way Display:** The device screen offers four display directions for enhanced readability.

2.2 What's in the Box

- Vibeat PF-10BW Finger Pulse Oximeter
- USB Type-C Charging Cable
- User Manuals
- Operation Card
- Warranty Card



Image 1: The Vibeat PF-10BW Finger Pulse Oximeter shown alongside a smartphone displaying its companion application, illustrating the device's compact design and digital interface.

3. SETUP

3.1 Charging the Device

Before first use, fully charge the oximeter. Connect the provided USB Type-C cable to the device's charging port and plug the other end into a compatible USB power source (e.g., computer, wall adapter). The battery indicator on the display will show charging status. A full charge provides approximately 24 hours of continuous operation.

**17 HEURES POUR UNE
UTILISATION TYPIQUE**



Port de Charge de Type C

Image 2: The Vibeat PF-10BW Finger Pulse Oximeter with its Type-C charging port visible, and a white USB-C cable connected, demonstrating the charging process.

3.2 Installing the Vihealth App

For advanced features, real-time data viewing, and report generation, download the **Vihealth APP** from your smartphone's app store (iOS or Android). Follow the on-screen instructions to install and set up your profile.

4. OPERATING INSTRUCTIONS

4.1 Basic Measurement

1. Ensure the device is charged.
2. Open the clamp of the oximeter.
3. Insert one of your fingers (preferably the index finger) into the rubber opening of the oximeter, ensuring it is placed correctly.
4. Release the clamp. The device will automatically power on and begin measurement.

5. Keep your hand still during the measurement.
6. Read the SpO2 and Pulse Rate values displayed on the screen.

4.2 Continuous Monitoring (e.g., during sleep)

For continuous monitoring, such as during sleep, ensure the device is securely placed on your finger. The PF-10BW is designed to continuously record data for extended periods. The device can store up to eight 10-hour continuous data sets internally.

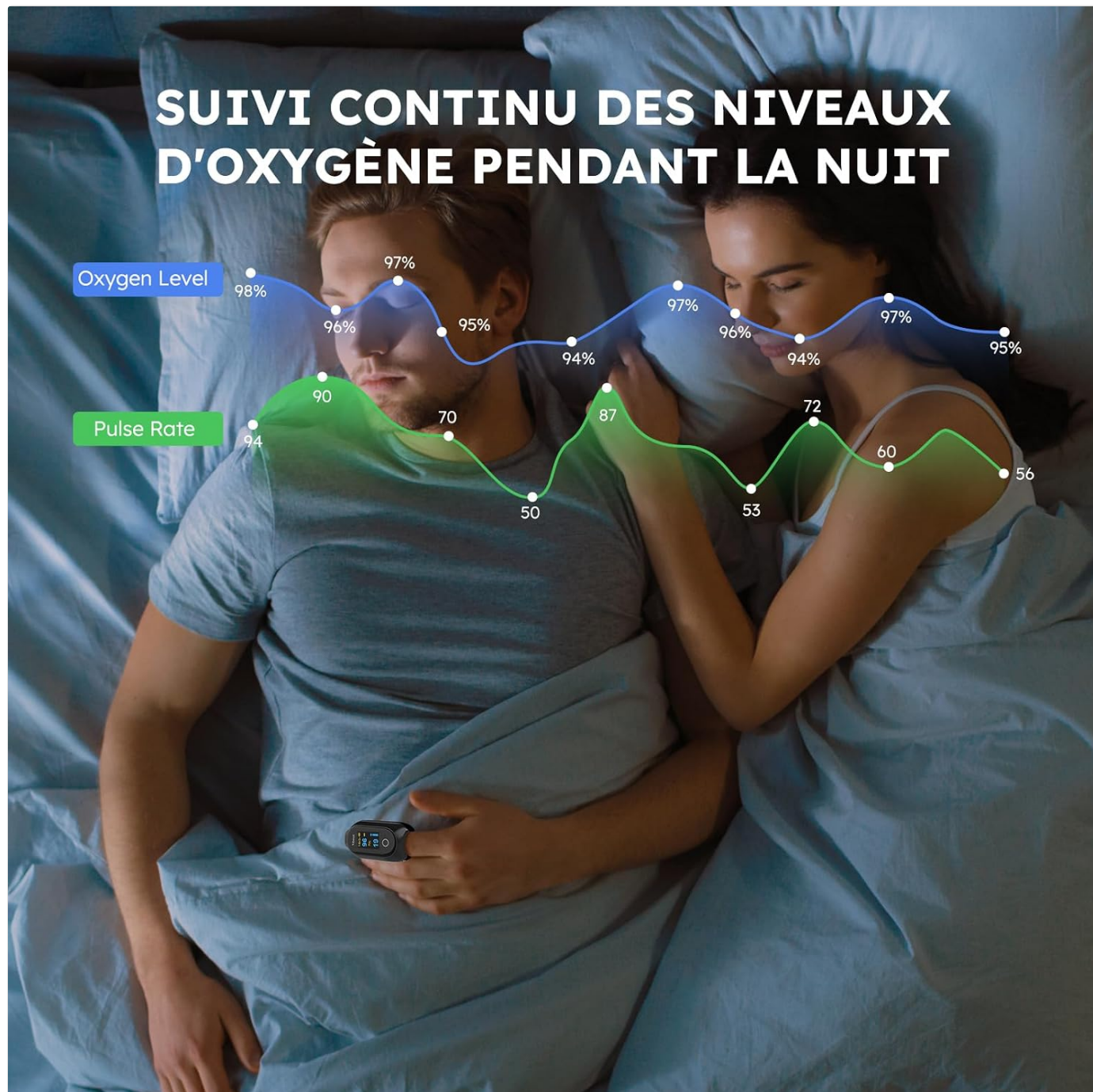


Image 3: A person sleeping with the Vibeat PF-10BW Finger Pulse Oximeter attached to their finger, illustrating its use for continuous monitoring of oxygen levels and pulse rate during rest.

4.3 Four-way Display

The oximeter's display can be rotated in four directions for convenient viewing. Simply press the main button briefly to cycle through the display orientations.

QUATRE DIRECTIONS D’AFFICHAGE, OPÉRATION EN UN SEUL CLIC

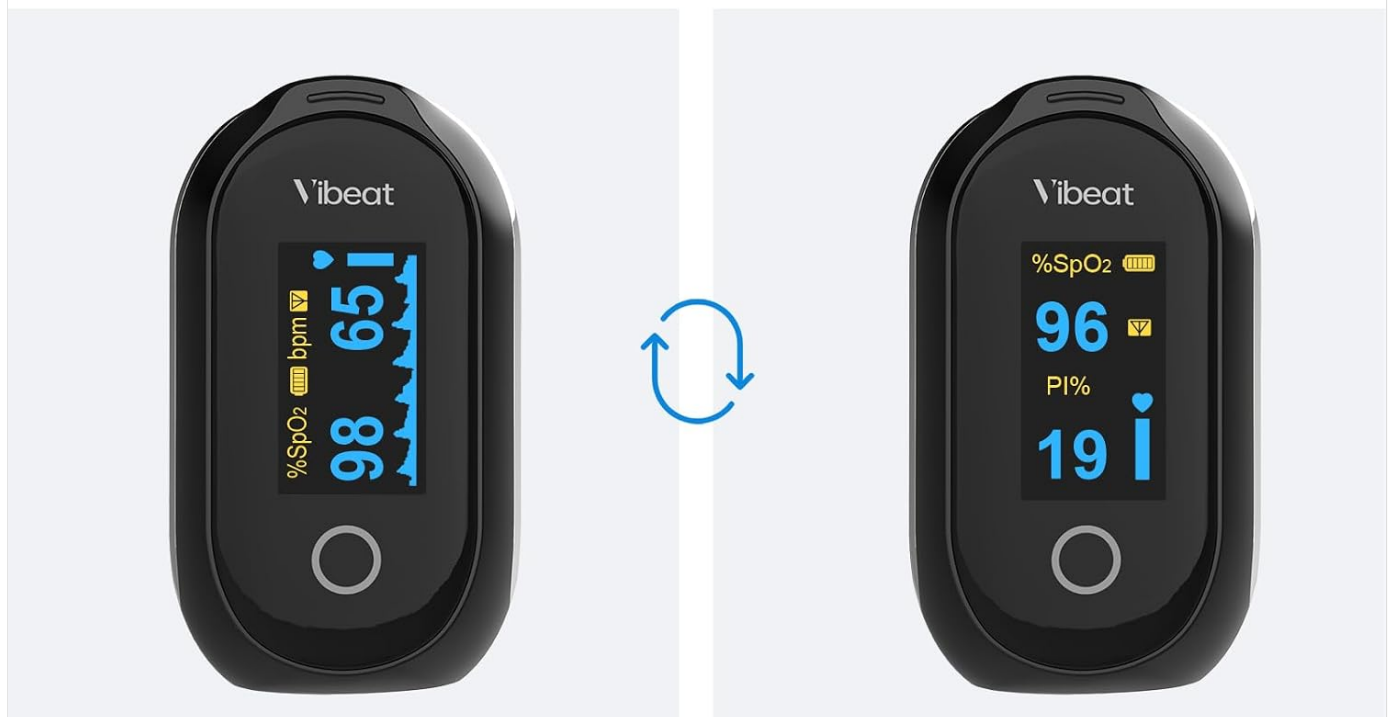


Image 4: Two images of the Vibeat PF-10BW Finger Pulse Oximeter display, showing how the screen content rotates to accommodate different viewing angles, indicated by a circular arrow.

5. UNDERSTANDING YOUR READINGS

The device displays the following key parameters:

- **SpO2 (%)**: Blood Oxygen Saturation. This indicates the percentage of hemoglobin in your blood that is saturated with oxygen.
- **PR (bpm)**: Pulse Rate. This is the number of heartbeats per minute.
- **PI (%)**: Perfusion Index. This indicates the strength of the pulse signal at the measurement site.

PRENEZ SOIN DE VOTRE SANTÉ



SPO2



Fréquence
du Pouls



Indice
de Pouls

Blood Oxygen 

87% - 99%

Time: 07:25-07:30



Pulse Rate 

52bpm - 104bpm

Time: 07:25-07:30



Perfusion Index 

3.7% - 28.5%

Time: 07:25-07:30

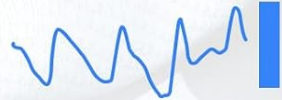


Image 5: The Vibeat PF-10BW Finger Pulse Oximeter's display showing readings for Blood Oxygen (SpO2), Pulse Rate (PR), and Perfusion Index (PI), along with graphical representations of these metrics.

6. DATA STORAGE AND SYNCHRONIZATION

The PF-10BW can store up to eight continuous 10-hour data sets internally. When the device is next connected to your smartphone via Bluetooth, these stored data sets will automatically synchronize with the Vihealth APP.

HUIT ENSEMBLES DE DONNÉES DE 10 HEURES

Synchronisation Automatique des Données



Image 6: The Vibeat PF-10BW Finger Pulse Oximeter displaying stored data, with an arrow indicating automatic synchronization to a smartphone application showing historical readings.

6.1 Using the Vihealth APP

Connect the oximeter to the Vihealth APP via Bluetooth to:

- View real-time SpO2 and Pulse Rate data.
- Access historical data and graphical reports.
- Export data files for further analysis or sharing.

7. MAINTENANCE AND CARE

- **Cleaning:** Clean the device surface with a soft cloth dampened with medical alcohol (70% ethanol or isopropanol). Do not immerse the device in water or other cleaning solutions.
- **Storage:** Store the oximeter in a cool, dry place, away from direct sunlight, extreme temperatures, and humidity.
- **Battery:** Recharge the device regularly, even if not in frequent use, to maintain battery health.

- **Avoid Impact:** Handle the device with care to prevent damage from drops or impacts.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No display after power on	Low battery or device off	Charge the device. Ensure finger is correctly inserted.
Inaccurate readings	Finger not inserted properly, movement during measurement, cold finger, nail polish	Reinsert finger, remain still, warm hand, remove nail polish.
Bluetooth connection failure	Bluetooth off on phone, device out of range, app not open	Ensure phone Bluetooth is on, keep device close to phone, open Vihealth APP.
Data not syncing to app	Device not connected to app, app not running	Connect device to Vihealth APP via Bluetooth. Ensure app is open and active.

9. SPECIFICATIONS

- **Model Name:** PF-10BW
- **Manufacturer:** Vibeat
- **Color:** Black
- **Battery Type:** 1 Lithium-polymer (included)
- **Battery Life:** Approximately 24 hours (typical use)
- **Charging Interface:** USB Type-C
- **Connectivity:** Bluetooth
- **Package Dimensions:** 9.5 x 9.2 x 7.2 cm
- **Weight:** 148 grams (package)

10. WARRANTY AND SUPPORT

The Vibeat PF-10BW Finger Pulse Oximeter comes with a standard manufacturer's warranty. Please refer to the included Warranty Card for specific terms and conditions. For technical support, troubleshooting assistance, or warranty claims, please contact Vibeat customer service through the contact information provided on the warranty card or the official Vibeat website.

Information regarding spare parts availability is currently not provided.

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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

you@example.com

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