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› HealthTree Bluetooth Pulse Oximeter User Manual

HealthTree JKS50B

HealthTree Bluetooth Pulse Oximeter User Manual

Model: JKS50B

1. INTRODUCTION

The HealthTree Bluetooth Pulse Oximeter is a compact, easy-to-use device designed for measuring blood oxygen saturation (SpO2) levels, pulse rate (PR), and perfusion index (PI). It features Bluetooth connectivity for seamless data synchronization with a dedicated mobile application, allowing for continuous monitoring, historical data tracking, and customizable alarm settings. This manual provides essential information for proper setup, operation, maintenance, and troubleshooting to ensure accurate and reliable readings.



The HealthTree Bluetooth Pulse Oximeter displaying readings alongside its companion mobile application.

2. WHAT'S INCLUDED

Upon opening the package, please ensure all items listed below are present and in good condition:

- 1x HealthTree Bluetooth Pulse Oximeter
- 2x AAA Batteries
- 1x Lanyard
- 1x User Manual (this document)



Wingely Used

All components included in the HealthTree Pulse Oximeter package.

3. SETUP

3.1. Battery Installation

To power on your pulse oximeter, you will need to install the two AAA batteries provided. Open the battery compartment cover on the back of the device, insert the batteries according to the polarity indicators (+/-), and then close the cover securely.



Auto shutdown

Oximeter will self switch off when a finger is removed from the unit for more than 10 seconds.

Proper battery installation for the pulse oximeter.

3.2. Attaching the Lanyard

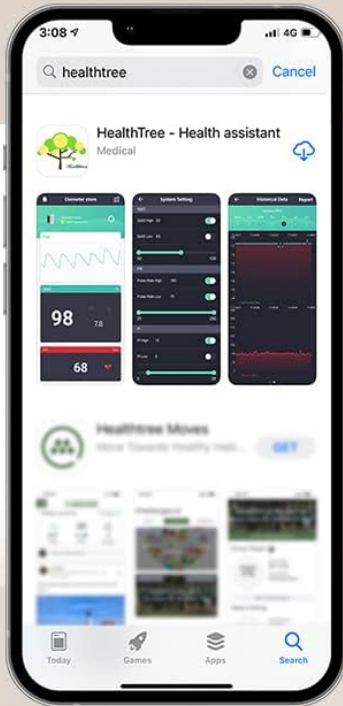
The included lanyard can be attached to the device for convenient carrying. Locate the lanyard hole on the side of the oximeter, thread the thin loop of the lanyard through the hole, and then pass the larger part of the lanyard through the loop to secure it.

Demonstration of how to attach the lanyard to the pulse oximeter for easy portability.

3.3. Mobile App Download and Bluetooth Connection

To utilize the full features of your HealthTree Pulse Oximeter, download the companion "HealthTree" app from your device's app store (Apple App Store or Google Play Store). Once installed, enable Bluetooth on your smartphone or tablet, open the HealthTree app, and follow the on-screen prompts to connect to your oximeter. The app allows for real-time data viewing, historical data tracking, and customizable settings.

Download "HealthTree" App



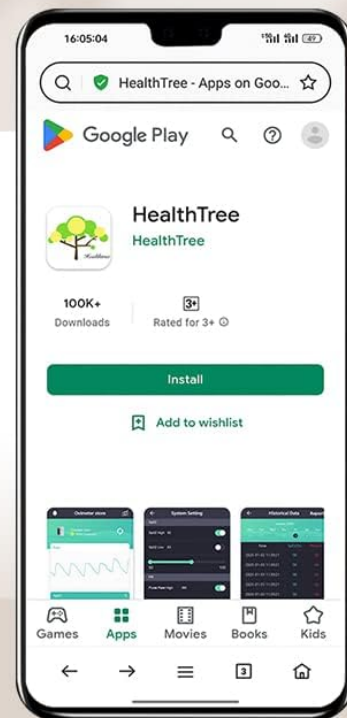
"HealthTree"
in the Apple Store

Download on the
App Store

"HealthTree"
in the Google Play



Android phone should turn
on location permission.



The HealthTree app displaying real-time SpO2 and Pulse Rate data.

Video demonstrating the process of downloading and connecting the HealthTree app via Bluetooth.

4. OPERATING INSTRUCTIONS

4.1. Taking a Measurement

1. Ensure the batteries are correctly installed.
2. Open the clamp of the oximeter.
3. Insert one of your fingers (preferably the index finger) into the rubber opening of the oximeter until it touches the stop.
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, Pulse Rate, and PI will appear on the display within a few seconds.

4.2. Interpreting Readings

- **SpO2:** Blood Oxygen Saturation level, displayed as a percentage. Normal range is typically 95-100%.
- **PR:** Pulse Rate, displayed in beats per minute (bpm).
- **PI:** Perfusion Index, indicates the strength of the pulse signal.

4.3. Alarm Function

The HealthTree app allows you to set custom high and low thresholds for SpO2 and Pulse Rate. If your measured values fall outside these preset limits, the app will trigger an audible alarm on your phone, and the values on the oximeter screen will flash continuously. This feature helps you monitor abnormal readings effectively.

Data Synchronization



Customizing alarm thresholds within the HealthTree mobile application.

4.4. Data Synchronization and Historical Data

With the Bluetooth function enabled, your oximeter automatically records and stores readings for up to 10 hours continuously. The HealthTree app provides real-time data, graphic reports, and trends of your blood oxygen saturation and heart rate. You can view detailed historical data, analyze trends, and even share reports with your private doctor or healthcare provider.



Data synchronization from the oximeter to the HealthTree app and integration with Apple Health.

4.5. Auto Shutdown

The pulse oximeter is designed to conserve battery life. It will automatically switch off when a finger is removed from the unit for more than 10 seconds.

What's Included

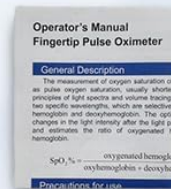
1 x lanyard:



2 x AAA batteries:



1 x user manual:



1 x pulse oximeter:



The oximeter automatically powers off when not in use.

5. MAINTENANCE

Proper maintenance ensures the longevity and accuracy of your HealthTree Pulse Oximeter.

- **Cleaning:** Use a soft cloth dampened with either a commercial, non-abrasive cleaner, or a solution of 70% alcohol in water, to lightly wipe the surfaces of the oximeter.

- **Storage:** Store the device in a cool, dry place away from direct sunlight, extreme temperatures, and moisture.
- **Battery Replacement:** Replace batteries when the low battery indicator appears on the display to ensure continuous operation.

6. TROUBLESHOOTING

If you encounter any issues with your pulse oximeter, refer to the table below for common problems and their solutions:

Problem	Possible Cause	Solution
The button cannot be pressed to its position.	Button jammed or obstructed.	Ensure that the button is fully depressed and free of obstructions.
Battery capacities are low.	Batteries are low, missing, discharged, or oriented incorrectly.	Replace with new batteries. Check positive and negative directions.
No response to the function button.	Battery installation error or device malfunction.	Please check whether the positive and negative directions of the battery are consistent with the indicators. If issue persists, contact support.
Display is dark or bright.	Brightness setting.	Adjust the brightness of the screen from 1 to 5 by long pressing the power switch.
Reading is inaccurate or unreliable.	Excessive ambient light, movement during measurement, false nails/nail polish, or dark skin.	Ensure proper placement, minimize movement, avoid direct sunlight, and remove nail polish if necessary.
Why does the reading always change?	The pulse oximeter measures data in real time. Body changes dynamically.	The results also change over time. Please use it with confidence.

7. SPECIFICATIONS

Specification	Value
Product Dimensions	0.39 x 0.39 x 0.39 inches; 2.4 ounces
Item Model Number	JKS50B
Batteries	2 AAA batteries required.
Date First Available	December 26, 2019
Manufacturer	HealthTree
ASIN	B083592QSD
Brand	HealthTree
Color	Gray
Measuring Range (SpO2)	[90-100]%

Specification	Value
Measuring Range (Pulse Rate)	[60-100] bpm
Number of Batteries	2 AAA batteries required.
Battery Life	3 months

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your product or visit the official HealthTree website. Keep your purchase receipt as proof of purchase.

Legal Disclaimer

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.

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