

LOOKEE A310

LOOKEE A310 Premium Pulse Oximeter User Manual

Model: A310

1. IMPORTANT SAFETY INFORMATION

Please read this manual thoroughly before using the LOOKEE A310 Pulse Oximeter. Retain this manual for future reference.

- This device is intended for non-invasive spot-check measurement of functional oxygen saturation of arterial hemoglobin (SpO₂) and pulse rate.
- The LOOKEE A310 is a Health Canada Licensed Class II Medical Device.
- Do not use the device in an MRI or CT environment.
- Do not use the device in situations requiring continuous monitoring.
- Keep the device away from young children. Small parts may pose a choking hazard.
- Consult a healthcare professional for interpretation of readings and before making any medical decisions.

2. PRODUCT OVERVIEW

2.1 Components

The LOOKEE A310 Premium Pulse Oximeter package includes the following items:

- LOOKEE A310 Pulse Oximeter
- 2 x AAA Batteries
- Convenient Carry Case
- Lanyard



Image: The LOOKEE A310 Pulse Oximeter, shown with its blue carry case, lanyard, and two AAA batteries, ready for use.

2.2 Key Features

- **Accurate Measurement:** Provides reliable SpO2 (blood oxygen saturation) and Pulse Rate (PR) readings.
- **Perfusion Index (PI):** Displays PI to indicate pulse strength and signal reliability.
- **Plethysmograph Waveform:** Visual representation of pulse strength and blood flow.
- **OLED Display:** Large, dual-color OLED screen for clear visibility of readings.
- **Audio & Visual Alarms:** Alerts users when SpO2 or PR exceed preset thresholds.
- **Auto-Shutdown:** Automatically powers off after 15 seconds of inactivity to conserve battery life.
- **SMART Spring System:** Accommodates various finger sizes, suitable for ages 3 and up.

LOOKEE® A310

PREMIUM FINGERTIP PULSE OXIMETER

Proudly Canadian | Health Canada Licensed (Class II)



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- ✓ Built-In Alarms for Abnormal SpO₂ & Heart Rate
- ✓ Plethysmograph Waveform & Perfusion Index
- ✓ Includes a Carrying Case for On-the-Go Protection
- ✓ Auto-Shutdown to Conserve Power
- ✓ Bright OLED Display
- ✓ BC-Based Manufacturer

Image: An infographic highlighting the main features of the LOOKEE A310, such as built-in alarms, plethysmograph waveform, carrying case, auto-shutdown, and OLED display.

3. SETUP AND INSTALLATION

3.1 Battery Installation

1. Locate the battery compartment cover on the back of the device.
2. Slide the cover off in the direction indicated by the arrow.
3. Insert the two AAA batteries, ensuring the positive (+) and negative (-) terminals align correctly with the markings inside the compartment.
4. Replace the battery compartment cover by sliding it back into place until it clicks securely.

Note: Ensure batteries are inserted correctly to prevent damage to the device. Remove batteries if the device will not be used for an extended period.

3.2 Attaching the Lanyard

1. Thread the thin loop end of the lanyard through the lanyard hole on the side of the oximeter.
2. Pass the thicker end of the lanyard through the looped thin end and pull gently to secure.

4. OPERATING INSTRUCTIONS

4.1 Taking a Measurement

1. Open the clamp of the oximeter.
2. Insert one finger (preferably the index, middle, or ring finger) into the rubber opening of the oximeter, ensuring the finger is fully inserted and resting on the sensor.
3. Release the clamp.
4. Press the power button once to turn on the device.
5. Keep your hand still during the measurement. Readings will appear on the display within a few seconds.
6. The device will automatically power off approximately 15 seconds after removing your finger.



Image: A user demonstrating how to properly place a finger into the LOOKEE A310 Pulse Oximeter for a reading.

4.2 Understanding the Display

The OLED display shows several parameters:

- **SpO2%**: Blood Oxygen Saturation Level.
- **PR bpm**: Pulse Rate (beats per minute).
- **PI%**: Perfusion Index, indicating the strength of the pulsatile blood flow. A higher PI (above 0.2%)

generally indicates a more reliable reading.

- **Plethysmograph Waveform:** A graphical representation of the pulse, indicating signal quality. A consistent waveform suggests stable blood flow.
- **Battery Indicator:** Shows the remaining battery life.

ENSURE ACCURATE READINGS WITH WAVEFORM & PI



PLETHYSMOGRAPH WAVEFORM

A consistent waveform shows stable blood flow—your monitor is ready for precise measurements.

PERFUSION INDEX (PI)

Higher PI = stronger pulse strength. When PI is above 0.2%, you can trust your SpO₂ reading.



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Image: A detailed view of the oximeter's display, labeling the Blood Oxygen Saturation Level (SpO₂), Battery Indicator, Plethysmograph Waveform, Pulse Rate (PR), Perfusion Index (PI), and the 1-Click Operation Button.

4.3 Setting Alarms

The device features customizable audio and visual alarms for abnormal SpO₂ and Pulse Rate readings.

1. With the device on, press and hold the power button to enter the menu.
2. Navigate through the menu options using single presses of the power button.
3. Select 'Threshold Setup' to adjust the high and low limits for SpO₂ and Pulse Rate.
4. Use the power button to change values. Press and hold to confirm and exit the menu.
5. When a reading falls outside the set thresholds, the device will emit an audible alarm and the display will flash.

CUSTOM ALARMS

FOR ABNORMAL READINGS

SET YOUR
SPO₂ &
HEART RATE
LIMITS



GET ALERTS
FOR EARLY
INTERVENTION



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Image: The oximeter's display showing the menu for setting custom SpO₂ and Heart Rate alarm thresholds.

5. MAINTENANCE AND CARE

5.1 Cleaning the Device

- Clean the surface of the oximeter before and after each use.
- Use a soft cloth dampened with medical alcohol (70% ethanol or isopropanol) to wipe the surface.
- Do not immerse the device in water or any cleaning solution.
- Allow the device to air dry completely before use.

5.2 Storage

- Store the oximeter in its carry case when not in use.
- Keep the device in a cool, dry place, away from direct sunlight, extreme temperatures, and moisture.
- If the device will not be used for an extended period, remove the batteries to prevent leakage.

5.3 Battery Replacement

When the battery indicator on the display shows low power, replace both AAA batteries as described in Section 3.1.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No display after pressing power button	Batteries are dead or incorrectly inserted.	Replace batteries or re-insert them with correct polarity.
SpO2 and Pulse Rate cannot be displayed normally	Finger not inserted correctly or too much movement.	Re-insert finger, ensure it is fully in the sensor. Keep hand still.
Display is unstable	Finger is too cold, nail polish, or strong ambient light.	Warm finger, remove nail polish, or move to a less brightly lit area.
Device automatically shuts down	Normal auto-shutdown function or low battery.	If no finger is detected for 15 seconds, this is normal. If during measurement, replace batteries.

7. SPECIFICATIONS

Parameter	Detail
Model	A310
Measuring Range (SpO2)	0% - 100%
Display Type	OLED
Power Requirements	2 x AAA 1.5V Alkaline Batteries
Battery Life	Approximately 6 months (typical usage)
Dimensions	8.2 x 6.2 x 5.6 cm
Weight	80 g (including batteries)
Operating Temperature	5°C to 40°C (41°F to 104°F)
Storage Temperature	-10°C to 50°C (14°F to 122°F)

8. WARRANTY AND SUPPORT

8.1 Warranty Information

- **30-Day Worry-Free Return Policy:** If you are not satisfied with your purchase, you may return it within 30 days.
- **One-Year Replacement Guarantee:** The LOOKEE A310 Pulse Oximeter is covered by a one-year replacement guarantee from the date of purchase against manufacturing defects.
- **Lifetime Support:** LOOKEE provides lifetime customer support for this product.

8.2 Contact Information

For customer support, technical assistance, or warranty claims, please contact LOOKEE Tech:

- **Email Support:** Support@LookeeTech.com
- **Phone Support:** 1-818-287-7958 (7 AM - 4 PM PST, Monday - Friday)
- **Address:** LOOKEE Tech: #720 - 999 West Broadway, Vancouver, BC V5Z 1K5, Canada