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GERUI LK89

GERUI LK89 Finger-Clip Pulse Oximeter User Manual

Model: LK89

1. Introduction

The GERUI LK89 Finger-Clip Pulse Oximeter is a compact, non-invasive device designed for spot-checking blood oxygen saturation (SpO2), pulse rate (PRbpm), and perfusion index (PI) in adults and pediatric patients at home, in medical facilities, or during sports activities. It provides quick and accurate readings to help monitor your health status.

2. Important Safety Information

- Do not use the pulse oximeter in an MRI or CT environment.
- Do not use the pulse oximeter in situations requiring alarm systems. The device has no alarms.
- Do not use the pulse oximeter in explosive atmospheres.
- The device is intended only as an adjunct in patient assessment. It must be used in conjunction with other methods of assessing clinical signs and symptoms.
- Do not immerse the device in water or other liquids.
- Keep out of reach of children.
- Remove batteries if the device is not used for extended periods.

3. Product Overview

3.1 Components

- Main Unit (Pulse Oximeter)
- OLED Display Screen
- Power Button
- Finger Chamber
- Battery Compartment

3.2 Key Features

- Measures Blood Oxygen Saturation (SpO2), Heart Rate (Pulse Rate), and Perfusion Index (PI).
- Compact and portable design for easy carrying.
- Fast measurement results, typically within a few seconds.
- Infrared measurement technology for accuracy.
- Four-color display screen for clear readability.
- One-touch operation for simplicity.
- Silicone finger chamber for comfortable use.
- Automatic power-off feature to conserve battery life.
- 4-way display rotation for convenient viewing from different angles.



Figure 1: Front view of the GERUI LK89 Pulse Oximeter, showing the display and finger chamber.



Figure 2: The pulse oximeter with approximate dimensions: 5.7 cm (2.2 inches) in length and 3.3 cm (1.2 inches) in width.



Figure 3: Visual representation of the six key features: small and portable, accurate measurement, one-touch measurement, silicone finger sleeve, 4-way display, and automatic shutdown.

4. Setup Guide

4.1 Battery Installation

The GERUI LK89 Pulse Oximeter requires two (2) AAA batteries (not included) for operation.

1. **Step 1:** Slide open the battery cover located at the back of the device.
2. **Step 2:** Install two AAA batteries into the battery compartment, ensuring correct polarity (+ and -).
3. **Step 3:** Close the battery cover by sliding it back into place until it clicks.

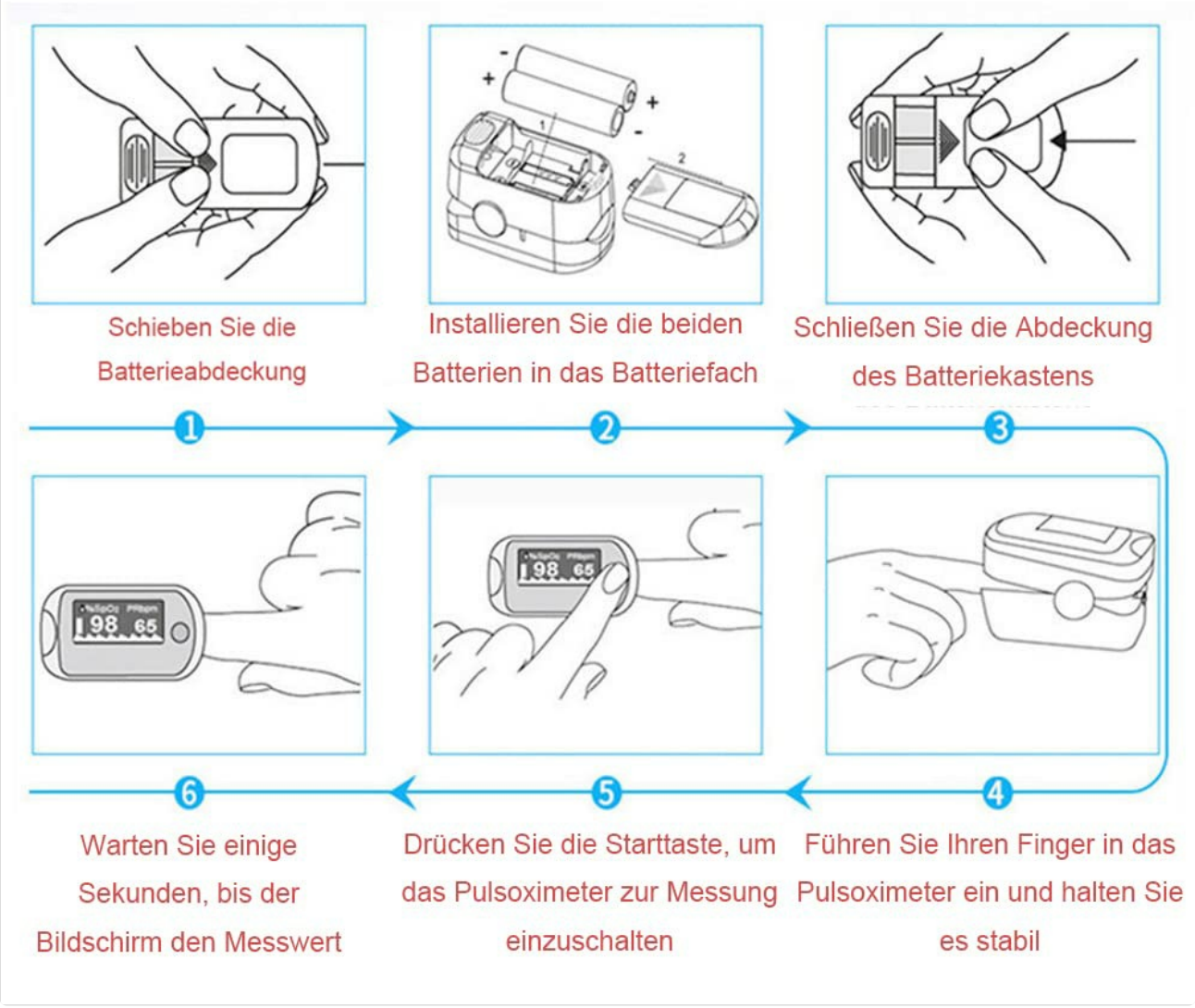

Figure 4: Illustrated steps for battery installation. (1) Slide battery cover, (2) Insert batteries, (3) Close cover.

5. Operating Instructions

5.1 Taking a Measurement

1. **Step 1:** Ensure batteries are correctly installed.
2. **Step 2:** Press the power button to turn on the pulse oximeter.
3. **Step 3:** Insert one of your fingers (preferably the index or middle finger) into the finger chamber of the oximeter, ensuring it is placed firmly and stably.
4. **Step 4:** Keep your hand still and relaxed during the measurement. Do not shake your finger.
5. **Step 5:** Wait a few seconds for the device to display the SpO2, Pulse Rate, and PI readings on the screen.
6. **Step 6:** The device will automatically power off after approximately 8 seconds of inactivity.



Figure 5: The pulse oximeter in use, clipped onto a finger for measurement.

6. Maintenance and Care

- **Cleaning:** Use a soft cloth dampened with medical alcohol (70% ethanol or isopropanol) to clean the surface of the device and the finger chamber before and after each use. Do not use abrasive cleaners or immerse the device in liquid.
- **Storage:** Store the device in a cool, dry place, away from direct sunlight, high temperatures, and moisture. If not in use for a long period, remove the batteries.
- **Battery Replacement:** Replace batteries when the low battery indicator appears on the display.

7. Troubleshooting

Problem	Possible Cause	Solution
No display after power on.	Batteries are dead or incorrectly installed.	Replace batteries or re-install them correctly, observing polarity.

Problem	Possible Cause	Solution
Display shows "Finger Out" or "Error".	Finger not inserted properly or too much movement.	Re-insert finger firmly into the chamber and keep still. Ensure finger is clean.
Readings are unstable.	Patient movement, cold fingers, or nail polish.	Minimize movement, warm hands if cold, remove nail polish. Try a different finger.
Low battery indicator.	Batteries are running low.	Replace with new AAA batteries.

8. Technical Specifications

Parameter	Specification
Model	LK89
Brand	GERUI
Measurement Range (SpO2)	70% - 100%
Power Supply	2 x AAA 1.5V Batteries (not included)
Item Weight	Approx. 30 g
Product Dimensions	Approx. 8.3 x 5.4 x 3.9 cm (Packaging)
Color	White
Included Components	1 x Pulse Oximeter (Detector)

9. Warranty and Support

For warranty information or technical support, please refer to the product packaging or contact your retailer. Keep your purchase receipt as proof of purchase.

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

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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

Answered questions about this manual

Can I return my GERUI LK89 Pulse Oximeter for a refund because it does not measure blood glucose levels as I expected?

The GERUI LK89 is a Pulse Oximeter, not a blood glucose monitor. According to the product manual, it is designed specifically to measure blood oxygen saturation (SpO2), pulse rate (PRbpm), and perfusion index (PI)....

Read full answer

Does the GERUI LK89 Pulse Oximeter measure blood glucose levels?

No, the GERUI LK89 Pulse Oximeter does not measure blood glucose levels. It is a non-invasive device designed specifically to measure the following parameters: SpO2: Blood oxygen saturation levels. PRbpm: Pulse rate (heart rate)....

Read full answer

Why will my GERUI LK89 Pulse Oximeter not provide any readings even though it turns on?

If your GERUI LK89 turns on but does not provide readings, it is likely failing to detect a clear signal from your finger. According to the troubleshooting guide, you should check the following: Finger...

Read full answer

Why won't my GERUI LK89 Pulse Oximeter turn on even though I have installed new batteries?

If your GERUI LK89 Pulse Oximeter does not turn on with new batteries, please check the following troubleshooting steps based on the user manual: Check Battery Polarity: This is the most common cause. Ensure...

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