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> [CRFISH 836-LED Fingertip Pulse Oximeter User Manual](#)

CRFISH 836-LED

CRFISH 836-LED Fingertip Pulse Oximeter User Manual

Model: 836-LED | Brand: CRFISH

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1. IMPORTANT SAFETY INFORMATION

Disclaimer: This device is intended for Sports & Aviation use only. It is **not** a medical device and should not be used for medical diagnosis or treatment. Consult a medical professional for any health concerns. Keep out of reach of small children. Do not use the device if it is damaged. Ensure proper battery installation to prevent malfunction.

2. PRODUCT OVERVIEW

The CRFISH 836-LED Fingertip Pulse Oximeter is a compact and portable device designed to measure blood oxygen saturation (SpO2) and pulse rate. It features a large LED display for clear readings.

2.1 Key Features

- Measures Blood Oxygen Saturation (SpO2) and Pulse Rate.
- Large LED display for easy reading.
- Compact and lightweight design for portability.
- One-click operation for user-friendly experience.
- Automatic shutdown feature to conserve battery life.
- Suitable for individuals over 2 years old.

2.2 Product Components

Familiarize yourself with the main parts of your pulse oximeter:



Image 2.2.1: Labeled diagram of the pulse oximeter showing the display, action button, and finger chamber.

- **Display Screen:** Shows SpO₂, Pulse Rate, and battery level.
- **Action Button:** Powers the device on/off and changes display modes.
- **Finger Chamber:** Where the finger is inserted for measurement.
- **Battery Compartment:** Located at the back of the device.
- **Lanyard Hole:** For attaching the included lanyard.

3. SETUP

3.1 Battery Installation

The device requires two AAA batteries (not included). Follow these steps for correct installation:

1. Open the battery compartment cover on the back of the device.
2. Insert two AAA batteries, ensuring the positive (+) and negative (-) poles match the indicators inside the compartment.
3. Close the battery compartment cover securely.

Frequently Asked Questions



Q1:The values measured by different fingers of the same hand are different every time.

A1:Yes, the measured blood flow area is different every time. As long as the value is within the normal range, it is normal. We will use instruments to measure it before leaving the factory.

Q2:No data appears.

A2:Correct measurement method: When the finger is inserted into the oximeter, the surface of the finger clamp must face upwards. If you do not insert your finger or insert it completely, it may cause measurement errors. When the fingers are too cold the fingers can't be crooked, the hands can't be wet, and there are foreign bodies (such as nail polish) on the surface of the nails, all of which will lead to no measurement. Wait for the finger to fully contact with the working chamber, and then start to display the data.

Q3:It takes a few seconds to read the data.

A3:It takes time to calculate .

Q4:The reading changes from low value to high value in a short time until it is stable.

A4:When the product receives infrared rays, the blood flow rate increases slowly until it is stable.

Image 3.1.1: Illustration of correct AAA battery placement in the oximeter's battery compartment.

Important: If the device will not be used for an extended period, remove the batteries to prevent leakage and damage.

4. OPERATING INSTRUCTIONS

To obtain accurate readings, follow these steps:

1. Open the oximeter by pressing the top and bottom parts apart.
2. Insert one of your fingers (preferably the index or middle finger) into the rubber opening of the oximeter. Ensure your finger is fully inserted and the surface of the finger clamp faces upwards.
3. Release the clamp, allowing the oximeter to gently secure your finger.
4. Press the action button once to turn on the device.
5. Keep your hand still and avoid movement during measurement. Readings typically appear within 8-10 seconds.
6. The device will automatically shut off after approximately 8 seconds of inactivity.



Image 4.1.1: Visual guide for operating the pulse oximeter: opening, finger insertion, pressing button, and waiting for results.

4.1 Video Demonstration

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Video 4.1.1: A short demonstration of the CRFISH oximeter in use, showing how to place a finger and get a reading.

5. UNDERSTANDING YOUR READINGS

The display shows two primary measurements:

- **SpO2 (%)**: Blood Oxygen Saturation level.
- **PR (BPM)**: Pulse Rate (Heart Rate) in beats per minute.



Image 5.1.1: Example display showing SpO2 (99%) and Pulse Rate (88 BPM) readings.

The device is designed for sports and aviation use to monitor these parameters. It is not intended for medical diagnosis.

6. MAINTENANCE AND CARE

- **Cleaning:** Wipe the finger chamber with a soft cloth dampened with alcohol before and after each use. Do not immerse the device in water or other cleaning solutions.
- **Storage:** Store the oximeter in a cool, dry place when not in use. Avoid extreme temperatures and direct sunlight.
- **Battery Replacement:** Replace batteries when the low battery indicator appears on the display.
- **Long-Term Storage:** Remove batteries if the device will not be used for an extended period to prevent battery leakage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No data appears / Inaccurate readings	Finger not inserted completely or correctly. Fingers are too cold. Nail polish or foreign objects on the nail. Excessive movement during measurement. Low battery.	Ensure finger is fully inserted with the clamp surface facing upwards. Warm your fingers before measurement. Remove nail polish or clean the finger. Remain still during measurement. Replace batteries.
Device does not turn on	Batteries installed incorrectly. Batteries are depleted. Device malfunction.	Check battery polarity and reinsert correctly. Replace with new AAA batteries. Contact customer support if the issue persists.

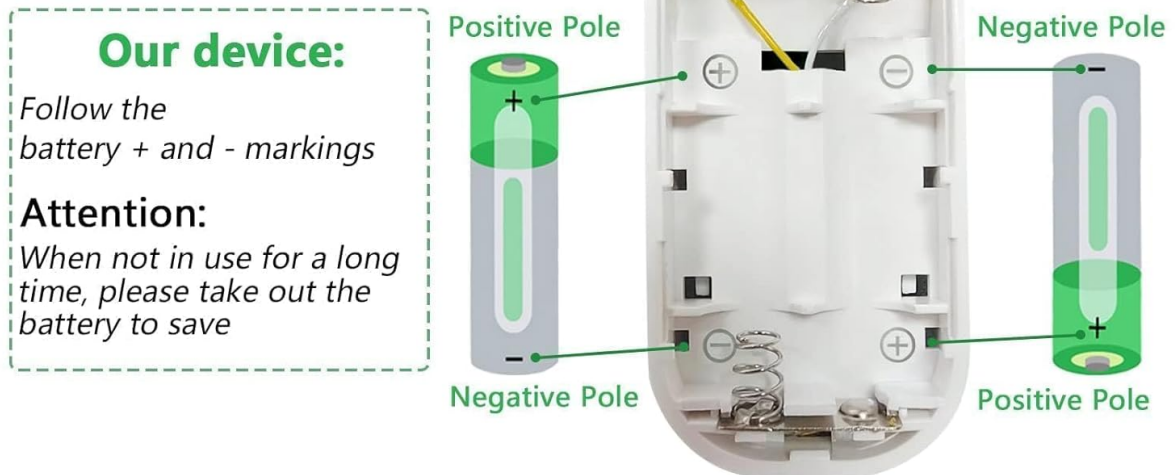
7.1 Additional Troubleshooting Tips

- **Q:** The values measured by different fingers of the same hand are different every time. **A:** Yes, the measured blood flow area is different every time. As long as the value is within the normal range, it is normal.
- **Q:** It takes a few seconds to read the data. **A:** It takes time to calculate.
- **Q:** The reading changes from low value to high value in a short time until it is stable. **A:** When the product receives infrared rays, the blood flow rate increases slowly until it is stable.

8. SPECIFICATIONS

Feature	Detail
Model	836-LED
Display Type	LED
Product Dimensions	1.33 x 1.22 x 2.24 inches
Item Weight	1.58 ounces (without batteries)
Power Requirements	2 x AAA batteries
Manufacturer	Xuzhou Yongkang Electronic Science Technology Co., Ltd
Color	Pink (Rose Gold)

INSTALL THE BATTERY CORRECTLY



Older models and upgraded models of battery plates will be issued randomly according to different warehouses

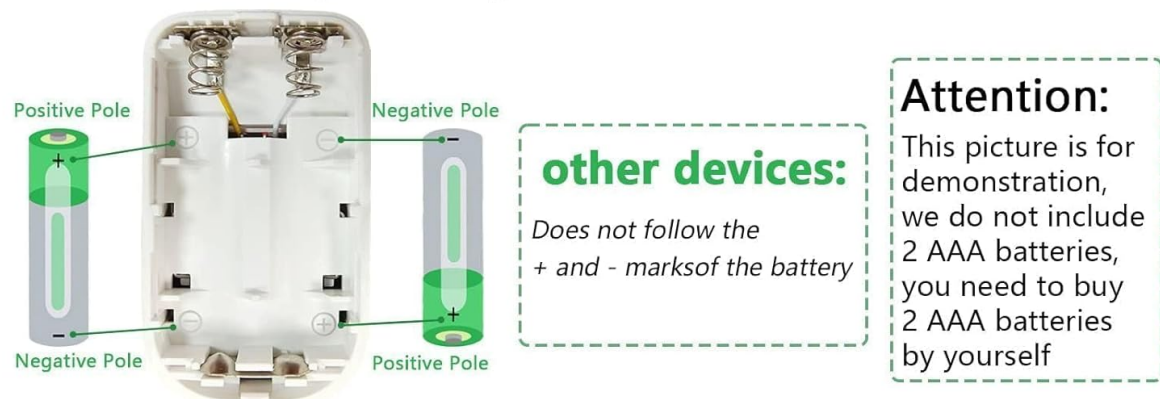


Image 8.1.1: Product packaging displaying key specifications and regulatory information.

9. WARRANTY AND CUSTOMER SUPPORT

The CRFISH 836-LED Fingertip Pulse Oximeter comes with a **1-year warranty** and lifetime maintenance support.

The expected service life of the device is 5 years.

For any product quality problems or inquiries, please contact the seller via Amazon email for free replacement or assistance. Customer support is available 24/7.

9.1 Additional Product Information Video

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Video 9.1.1: An informational video highlighting features of the Rose Gold 836 LED pulse oximeter.