

## Easy@Home EHP-029

# Easy@Home Fingertip Pulse Oximeter EHP-029 User Manual

Model: EHP-029

## 1. INTRODUCTION

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The Easy@Home Fingertip Pulse Oximeter EHP-029 is designed for measuring and monitoring blood oxygen saturation (SpO<sub>2</sub>) and pulse rate. This device is intended for sports and aviation use only and is not for medical diagnosis or treatment. It provides quick and accurate readings, featuring an OLED rotatable display and low power consumption.



Image 1.1: Easy@Home Fingertip Pulse Oximeter EHP-029.

## 2. PRODUCT OVERVIEW

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The EHP-029 Pulse Oximeter features a compact design with an OLED display that shows SpO<sub>2</sub> percentage, pulse rate (PRbpm), a pulse bar graph, and a pulse waveform. It is designed for ease of use and portability.

### 2.1 Key Features

- Accurate SpO<sub>2</sub> and Pulse Rate measurement.

- OLED display with multi-directional view.
- 10 adjustable brightness levels.
- Automatic power-off after 8 seconds of non-use.
- Low power consumption.



*Image 2.1: Key features of the Easy@Home Pulse Oximeter.*

## 2.2 Device Components

Familiarize yourself with the main components of your pulse oximeter:

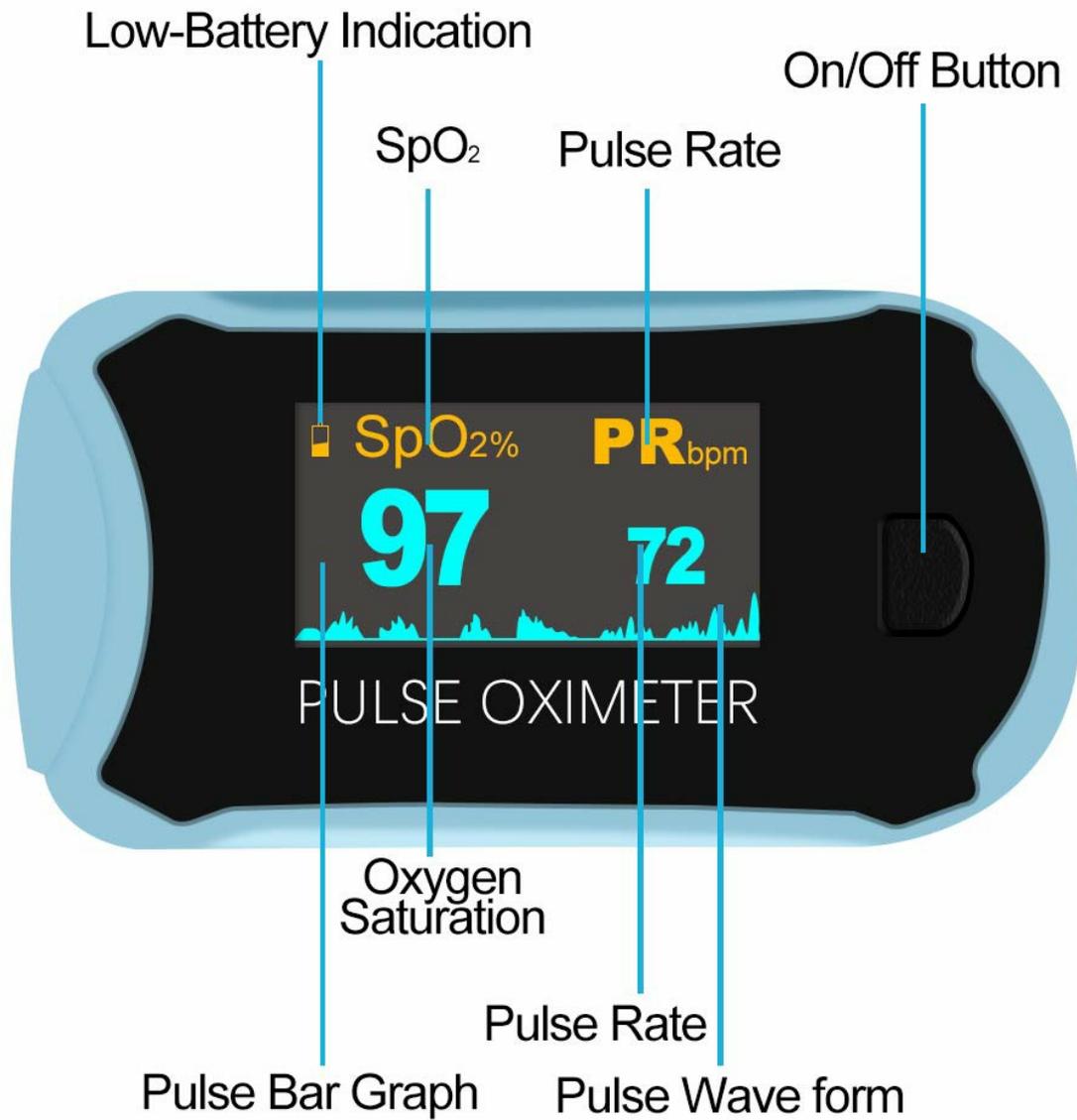


Image 2.2: Labeled display components of the EHP-029 Pulse Oximeter.

### 3. SETUP

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#### 3.1 Battery Installation

1. Open the battery compartment cover located on the back of the device.
2. Insert two AAA batteries, ensuring correct polarity (+ and -) as indicated inside the compartment.
3. Close the battery compartment cover securely.

#### 3.2 Attaching the Lanyard

Thread the provided lanyard through the loop on the pulse oximeter for convenient carrying.

## Light and Portable

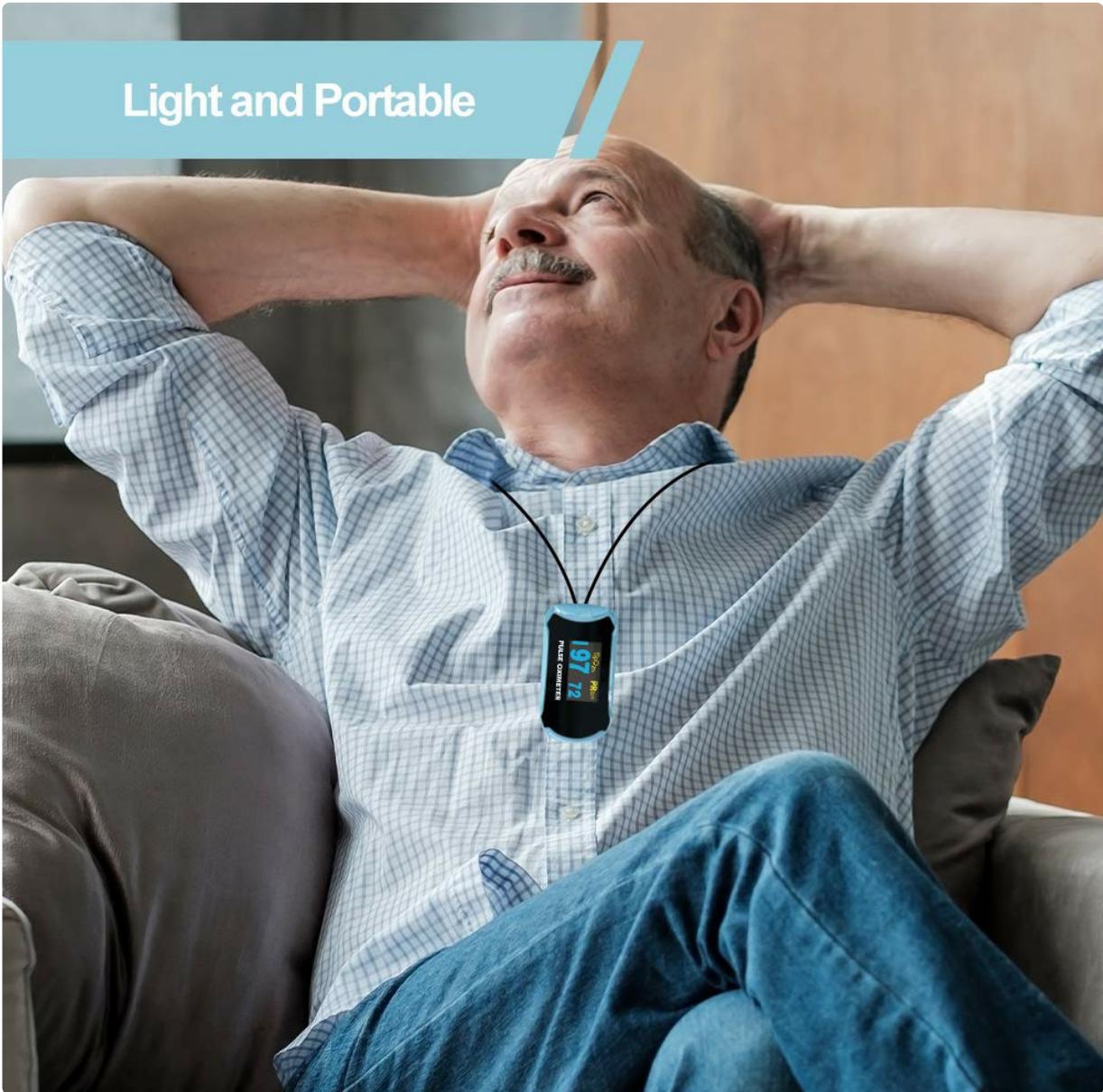


Image 3.1: Pulse Oximeter with lanyard for portability.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Taking a Measurement

1. Ensure the device has batteries installed.
2. Open the clamp and insert one of your fingers (preferably the index, middle, or ring finger) into the rubber opening of the oximeter. Ensure your finger is fully inserted and resting on the sensor.
3. Press the power button once to turn on the device.
4. Keep your hand and body still during the measurement. Movement can affect accuracy.
5. Readings for SpO2 and pulse rate will appear on the display within approximately 8 seconds.
6. The device will automatically power off after 8 seconds of non-use.

## Keep Your Hands Still for Reading



*Image 4.1: Proper finger placement for measurement.*

### **4.2 Adjusting Brightness**

To adjust the display brightness:

- With the device on, press and hold the power button.
- The brightness level will cycle through 10 available options. Release the button when your desired brightness is reached.

## 10 Adjustable Brightness Levels



*Image 4.2: Adjusting display brightness.*

### 4.3 Rotating the Display

The OLED display can be rotated to view readings in four different directions for convenience:

- With the device on, briefly press the power button (do not hold).
- Each short press will rotate the display orientation.

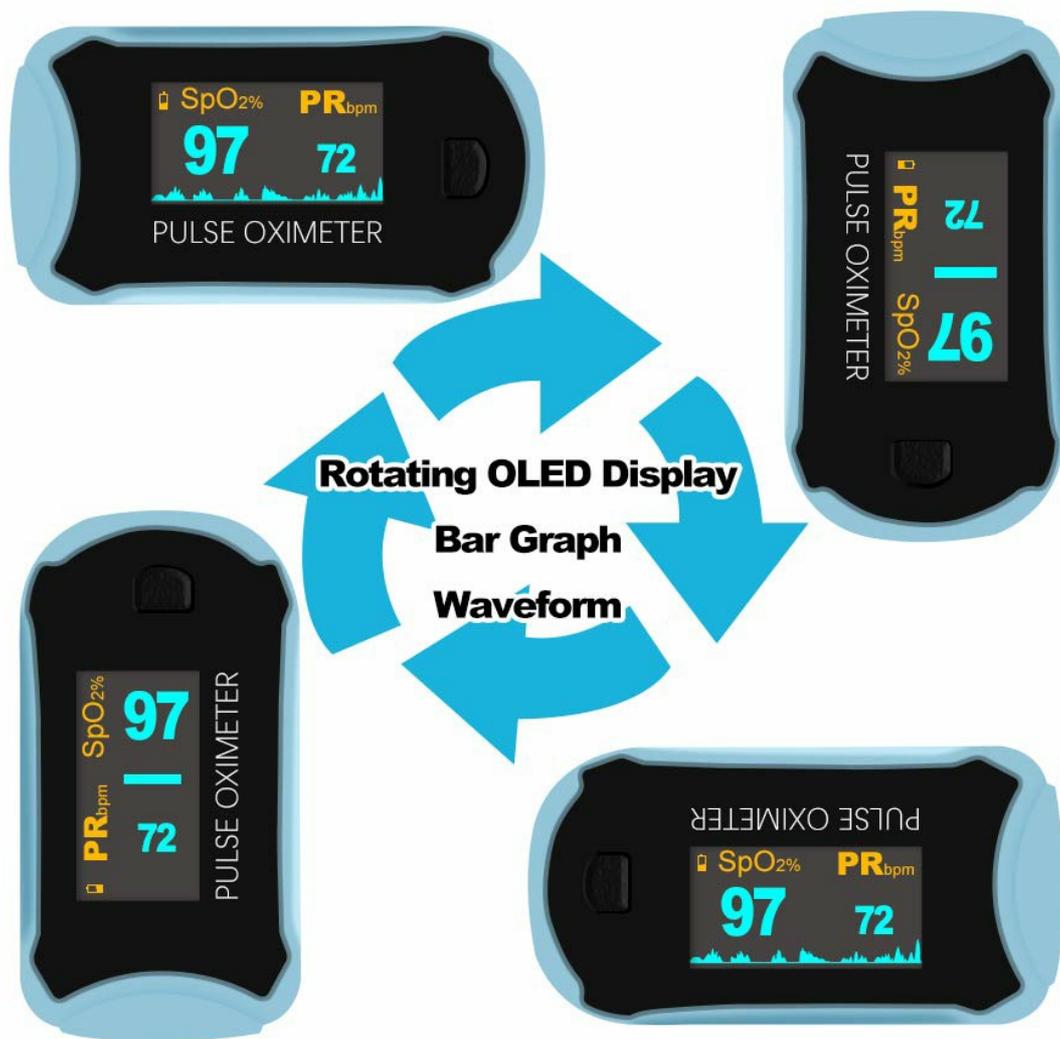


Image 4.3: Rotating OLED display.

## 5. MAINTENANCE

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### 5.1 Cleaning

- Clean the surface of the oximeter with a soft cloth dampened with a mild disinfectant (e.g., 70% isopropyl alcohol).
- Do not immerse the device in water or any cleaning solution.
- Ensure the device is dry before reuse.

### 5.2 Storage

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

## 6. TROUBLESHOOTING

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Problem	Possible Cause	Solution
No display after pressing power button	Batteries are dead or incorrectly installed.	Replace batteries or re-install them with correct polarity.
Inaccurate or unstable readings	<ul style="list-style-type: none"> <li>Finger not fully inserted.</li> <li>Movement during measurement.</li> <li>Cold fingers or poor circulation.</li> <li>Device turned on before finger insertion (can cause falsely inflated values due to ambient light).</li> </ul>	<ul style="list-style-type: none"> <li>Re-insert finger fully into the device.</li> <li>Remain still during measurement.</li> <li>Warm your hand before taking a reading.</li> <li>Ensure finger is inserted <b>before</b> pressing the power button.</li> </ul>
"Finger Out" message	Finger is not detected or improperly placed.	Re-insert finger correctly and ensure it is fully seated.

## 7. SPECIFICATIONS

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- **Model Name:** EHP-029
- **Power Source:** 2 x AAA batteries
- **Battery Life:** Approximately 24 hours of continuous use
- **Item Weight:** 1.13 ounces (approximately 32 grams)
- **Package Dimensions:** 3.78 x 3.62 x 2.6 inches
- **Display Type:** OLED
- **Measuring Range:** Typical human heart rate and SpO2 ranges (not intended for medical use)

## 8. WARRANTY AND SUPPORT

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### 8.1 Warranty Information

For detailed warranty information, please refer to the product packaging or visit the official Easy@Home website. Warranty terms may vary by region and purchase date.

### 8.2 Customer Support

If you have any questions or require assistance with your Easy@Home Fingertip Pulse Oximeter EHP-029, please contact Easy@Home customer service. You can find contact information on the official Easy@Home website or through your retailer.

Visit the [Easy@Home Store](#) for more information.

