

Patient Monitoring Device



MASiMO Patient Monitoring Device User Guide

[Home](#) » [MASiMO](#) » MASiMO Patient Monitoring Device User Guide 

Contents

- [1 MASiMO Patient Monitoring Device](#)
- [2 Product Usage Instructions](#)
- [3 FAQ](#)
- [4 OVERVIEW](#)
- [5 Device Setup](#)
- [6 Sensor Selection and Placement](#)
- [7 Operation](#)
- [8 Troubleshooting Guide](#)
- [9 Cleaning and Maintenance](#)
- [10 Documents / Resources](#)
 - [10.1 References](#)
- [11 Related Posts](#)



MASiMO Patient Monitoring Device



Specifications

- **Patient Cable Connector:** Allows connection to a patient cable or sensor.
- **Display and Touchscreen:** Provides a user interface to monitor measured values and viewed alarm settings.
- **Backward Navigation:** Provides the ability to navigate backward or exit a menu item.
- **DC Input Connector:** Provides a connection to an AC power supply for battery charging.
- **Main Menu:** Provides access to user settings.
- **Home Button:** Allows for navigation back to the home screen.
- **Speaker:** Provides audio instructions/alarms. Do not cover the speaker.

Product Usage Instructions

Device Setup

1. Plug the AC power supply into an AC outlet.
2. Press and hold the Power Button for more than two (2) seconds until one (1) audible tone sounds.
3. Insert the patient cable and secure it in place with a latch.

Sensor Selection and Placement

- The most appropriate sensor will depend on the size of the user.
- See the sensor package for recommendations.
- Intuitive sensor-to-cable connection
- Tactile and audible feedback to ensure proper connection
- Connect the sensor to the patient cable.

For the Multisite Reusable Sensor:

- Wrap-around style sensor available in two sizes: Neonatal/Adult (40kg) and infant (3-20kg)
- The Emitter (red light) should be aligned directly across from the Detector.
- The emitter should be placed on the nail or top of the foot, and Detector on the fleshy pad of the finger or bottom of the foot.

Operation

- **Alarm Acknowledgement:** Displays active alarms and allows silencing of active alarms.
- **Waveform:** Displays continuous pleth waveform and signal confidence.
- **Parameter Display:** Displays the current measured value for Oxygen SpO % and Pulse Rate PR.
- **Battery Indicator (24hrs of use):** Shows battery charge level.
- **Main Menu:** Adjust alarm volume, and brightness, and set date, and time.
- **Active Alarms:** Indicates alarm priority levels.

FAQ

Troubleshooting Guide

Message on Device: No Cable

Action:

- Attach cable
- Confirm cable fully inserted into the device
- Disconnect and reconnect cable
- Close cable latch
- Replace cable if not resolved

Message on Device: No Sensor

Action:

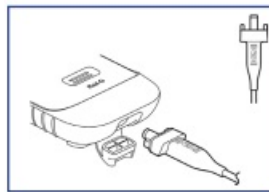
- Attach sensor
- Confirm sensor is fully inserted into the device
- Confirm the red light illuminated on a sensor
- Replace the sensor if not resolved

OVERVIEW



Device Setup

- This guide does not replace the Masimo® Rad-G® Pulse Oximeter Operators Manual.
- Review the Operator Manual before use.



1. Plug the AC power supply into an AC power source. Plug the DC output connector to the bottom of the Rad-G®.



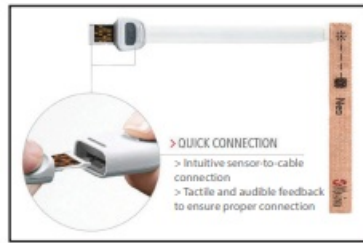
2. Press and hold the Power Button for more than two (2) seconds until one (1) audible tone sounds.



3. Insert the patient cable and secure it in place with a latch.

Sensor Selection and Placement

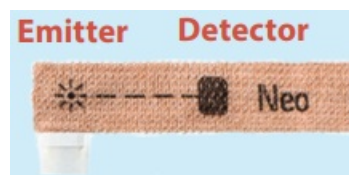
The most appropriate sensor will depend on the size of the user. See the sensor package for recommendations.



- Connect the sensor to the patient cable
- Multisite Reusable Sensor (>1kg)



- Wrap-around style sensor available in two sizes: > Neonatal/Adult (<3kg or >40kg) and infant (3-20kg)
- The weight range for sensor size is approximate. The most important part of sensor placement is that the Emitter (red light) is aligned directly across from the Detector.
- The Emitter should always be placed on the nail or top of the foot and the Detector on the fleshy pad of the finger or bottom of the foot.



Operation

Alarm Acknowledgement:
Displays active alarms and allows silencing of active alarms.

Waveform:
Displays continuous pleth waveform and signal confidence. Height of vertical bars provides an assessment of the confidence in the SpO₂ value displayed.

Parameter Display:
Displays the current measured value for Oxygen **SpO₂%** and Pulse Rate **PR**. Alarm settings displayed to the right of the measured value.

Battery Indicator (24hrs of use):

- Device connected to AC power and charging.
- Device unplugged from AC power; Battery % beside icon provides current charge level.
- Device connected to AC power and battery fully charged.
- Battery charge reaches a low level:
 - Icon will change colour (red)
 - A 'Low Battery' message appears.
 Connect device to AC power to prevent the device from powering off and to charge battery.

Main Menu:

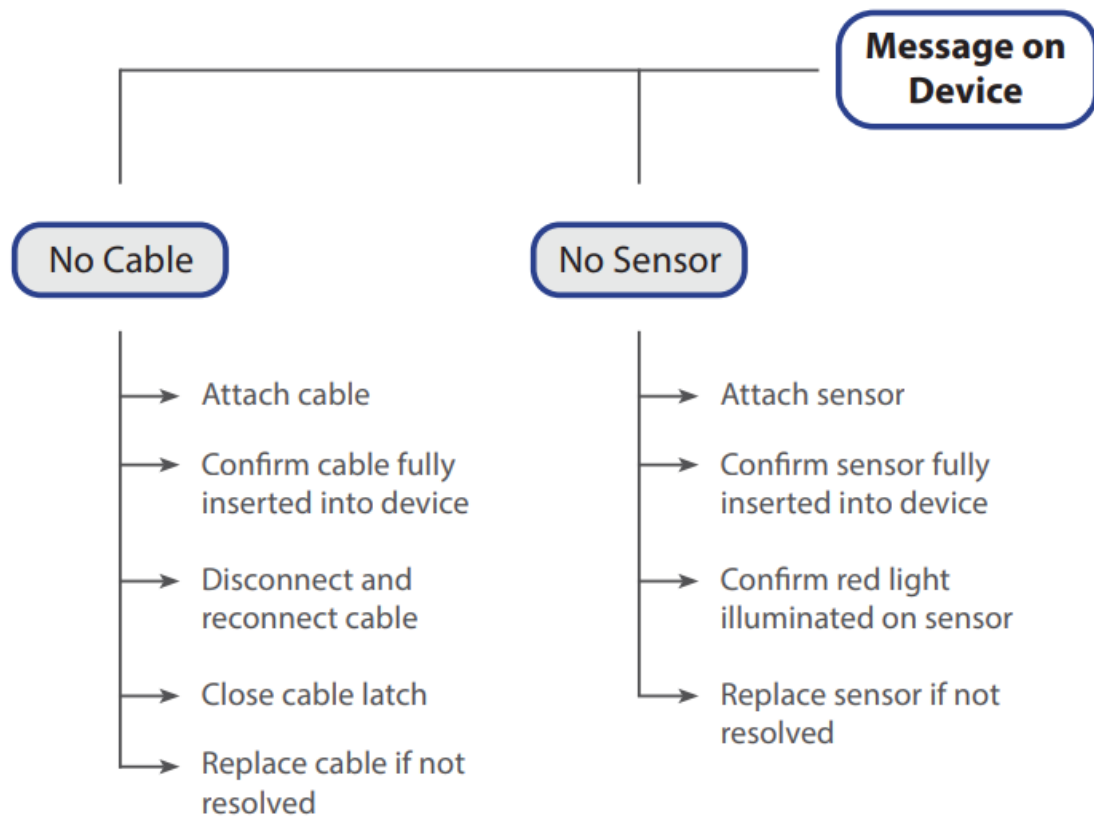
- Adjust alarm volume
- Adjust brightness
- Set date and time

Active Alarms:

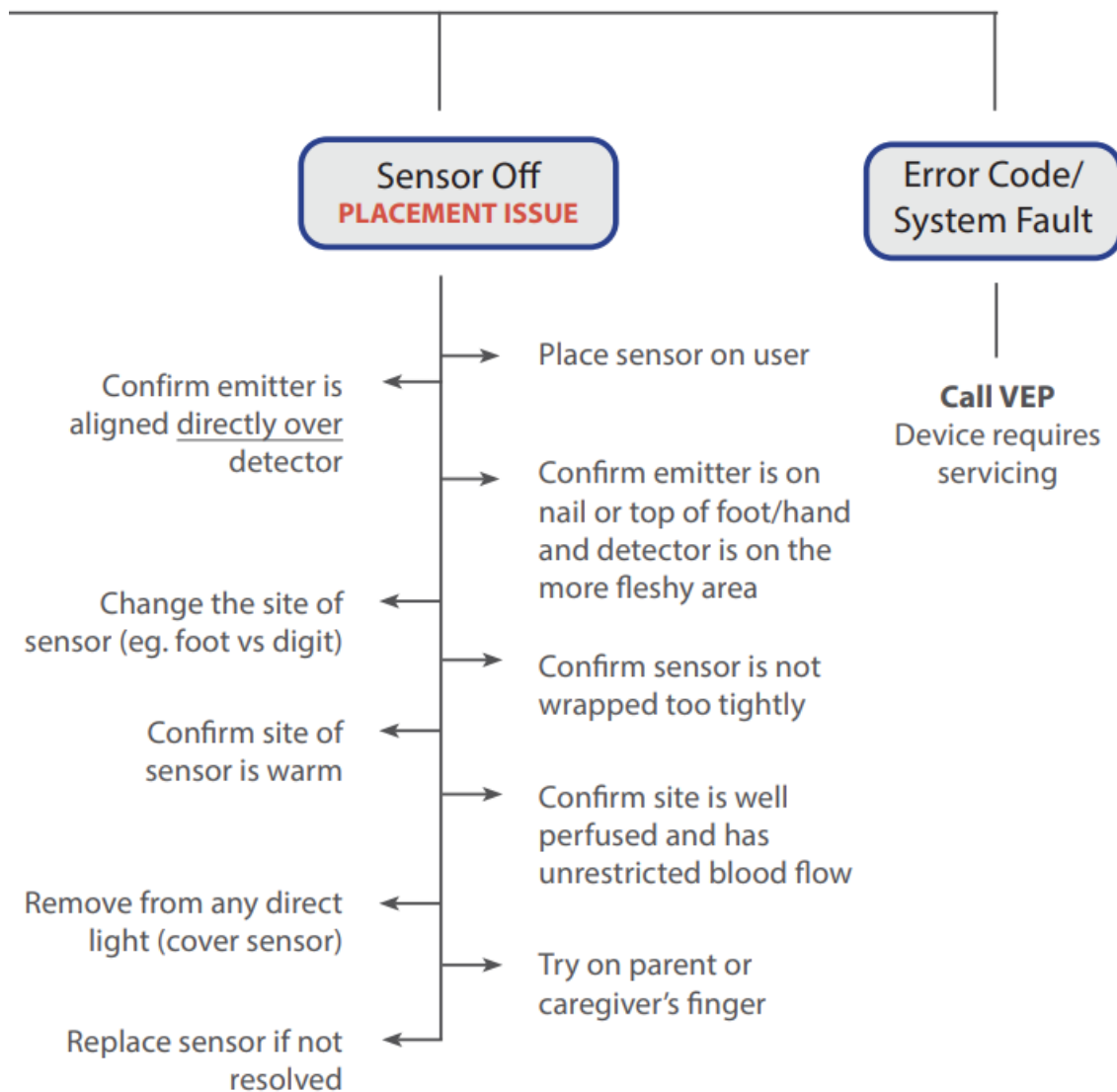
Alarm bell illuminates and alarm message appears at top of screen. The parameter box will also illuminate red.

- High Priority Alarm
- Medium Priority Alarm
- No Active Alarms

Troubleshooting Guide



- **Sensor Lifespan** – Two (2) weeks with continuous use
- Cable Lifespan** – Two (2) years with continuous use



Cleaning and Maintenance

- To clean the surface of the Rad-G® first disconnect from AC power and turn off the device.
- 70% Isopropyl Alcohol (IPA)
- Glutaraldehyde (Cidex® Plus)
- 0.5% sodium hypochlorite water solution (10% bleach/water solution)
- Accelerated Hydrogen Peroxide® solutions (Oxivir® TB)
- Quaternary ammonium chloride solution (Up to 55% alcohol/0.5% quaternary ammonium chloride, such as Ecolab Asepti-Wipe® II Germicidal Wipes)
- Do not use undiluted bleach or any solution not listed to prevent damage to the device.

References

1. Masimo®. (2020). Rad-G® Pulse Oximeter Operators Manual
2. Masimo®. (2020). Masimo® Sensors RD SET®

Disclaimer


- This information is provided to you for educational purposes only and should not at any time be considered a substitute for professional advice from your physician or other qualified healthcare professional.

- The VEP does not assume any responsibility for the application of the content of this document or for any information that may be present in the documents or websites cited as a reference.
- These references are provided for informational purposes only and do not represent VEP endorsement of any company or product.
- Always consult your physician and/or a qualified healthcare professional to learn more about recommendations specific to your health needs.
- **640 Cataraqui Woods Drive Unit 6 Kingston, ON K7P 2Y5**
- **Tel: [613-548-6156](tel:613-548-6156) Toll-Free in Ontario: 1-[800-633-8977](tel:800-633-8977) Fax: [613-548-6157](tel:613-548-6157)**
- **General Email: vep@kingstonhsc.ca**
- **Web: www.ontvep.ca.**



- **Masimo® Rad-G® Quick Start Guide**
- **©2024 Ontario Ventilator Equipment Pool. All rights reserved.**
- **Date of Issue: 2022-10-19. Rev. 2024-02-13.**
- **Questions?**
- **Call us during business hours Mon-Fri 8:30 am-4:30 pm to speak with a Registered Respiratory Therapist at 1-[800-633-8977](tel:800-633-8977)**
- **Visit our website for more information www.ontvep.ca**

Documents / Resources

	<p>MASIMO Patient Monitoring Device [pdf] User Guide Patient Monitoring Device, Monitoring Device, Device</p>
---	---

References

- [🌐 Home - Ventilator Equipment Pool](#)
- [User Manual](#)

Manuals+, Privacy Policy

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.