Wellue 8793918011

Wellue Sensor Ring Instruction Manual

For SleepU, Visualoxy, and CheckmeO2 Max Devices

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1. INTRODUCTION

This manual provides essential instructions for the proper use and maintenance of your Wellue Sensor Ring. The Sensor Ring is designed as a replacement or accessory probe for compatible Wellue/Viatom sleep monitoring devices, including SleepU, Visualoxy, and CheckmeO2 Max. Please read this manual thoroughly before use to ensure optimal performance and longevity of the product.

2. PRODUCT OVERVIEW

The Wellue Sensor Ring is a critical component for accurate blood oxygen saturation (SpO2) and heart rate monitoring during sleep. It features a soft silicone material for comfort and a USB connector for reliable attachment to your main monitoring unit.

Figure 1: The Wellue Sensor Ring, featuring a USB connector for attachment to compatible monitoring devices.

Figure 2: A detailed view of the Wellue Sensor Ring, highlighting its design and silicone material.

3. SETUP

1. **Connect the Sensor Ring:** Locate the USB port on your compatible Wellue/Viatom sleep monitor (e.g., SleepU, Visualoxy, CheckmeO2 Max). Insert the USB connector of the Sensor Ring firmly into this port. Ensure a secure connection.

2. **Position the Sensor Ring:** Gently slide the silicone ring onto your finger. It is recommended to use your index finger or thumb for optimal readings. Ensure the sensor sits comfortably and securely, but not too tightly, to avoid restricting blood flow. The sensor should be positioned so that the light emitter and detector are aligned on opposite sides of your finger.

3. **Power On the Main Device:** Refer to the instruction manual of your specific Wellue/Viatom sleep monitor for details on powering it on and initiating a recording session.

Figure 3: The Wellue Sensor Ring correctly positioned on a finger, connected via its cable to the wrist-worn monitoring device.

Figure 4: An illustration of the Wellue wrist monitor, to which the sensor ring connects, displaying sleep data on a smartphone application.

4. OPERATING INSTRUCTIONS

Once the Sensor Ring is properly connected and positioned, and your main monitoring device is active, it will begin collecting data. The Sensor Ring acts as the probe, transmitting SpO2 and heart rate data to the main unit.

- **Data Collection:** The Sensor Ring continuously measures your blood oxygen levels and heart rate.

- **Viewing Data:** Data collected by the Sensor Ring is processed and displayed by your compatible Wellue/Viatom sleep monitor and its associated smartphone application. Refer to your main device's manual for instructions on viewing real-time data and accessing historical reports.

- **Recording Sessions:** Ensure your main device is set to record for the desired duration, typically throughout your sleep period.

Figure 5: The Wellue wrist monitor and sensor ring in operation, showing real-time data on a smartphone and a comprehensive sleep report generated on a laptop.

5. Maintenance

- **Cleaning:** To clean the Sensor Ring, gently wipe the silicone surface with a soft, damp cloth. Do not use harsh chemicals, abrasive cleaners, or immerse the sensor in water. Ensure the USB connector remains dry.

- **Storage:** Store the Sensor Ring in a clean, dry place away from direct sunlight and extreme temperatures. Avoid bending or kinking the cable excessively.

- **Inspection:** Regularly inspect the Sensor Ring and its cable for any signs of wear, damage, or fraying. If any damage is observed, discontinue use and replace the sensor.

6. Troubleshooting

If you encounter issues with your Wellue Sensor Ring, please refer to the following common troubleshooting steps:

- **No Reading or Intermittent Data:**
  - Ensure the USB connector is fully and securely inserted into the main device.
  - Verify the Sensor Ring is correctly positioned on your finger, with the sensor elements aligned.

- Check that your finger is clean and dry.
- Avoid excessive movement during monitoring.
- Confirm the main monitoring device is powered on and functioning correctly.

- **Inaccurate Readings:**
  - Ensure the sensor is not too tight, which can restrict blood flow and affect accuracy.
  - Avoid using the sensor on fingers with nail polish or artificial nails, as this can interfere with readings.
  - Verify the sensor is clean and free from dirt or debris.

- **"ERROR 4" or Similar Error Messages:**
  - This error typically indicates a sensor malfunction. Try disconnecting and reconnecting the sensor.
  - If the error persists, the sensor ring may need to be replaced.

If troubleshooting steps do not resolve the issue, please contact Wellue customer support for further assistance.

7. SPECIFICATIONS

Model Number	8793918011
Brand	Wellue
Manufacturer	Viatomtech
Material	Silicone
Connector Type	USB
Item Weight	0.317 ounces
Package Dimensions	2.95 x 1.69 x 0.87 inches
Compatible Devices	Wellue SleepU, Visualoxy, CheckmeO2 Max (main monitoring units)

8. WARRANTY AND SUPPORT

For information regarding the warranty of your Wellue Sensor Ring, please refer to the warranty documentation included with your original Wellue/Viatom sleep monitoring device or visit the official Wellue website. Warranty terms may vary.

If you require technical assistance, have questions about product functionality, or need to report an issue, please contact Wellue customer support. Contact details can typically be found on the Wellue official website or in the documentation provided with your main device.