

Sequal Eclipse 5 User Manual



QUICK REFERENCE GUIDE



SeQual® Eclipse 5®

Transportable Oxygen Concentrator with autoSAT®

Battery Life

Continuous Flow		Pulse Flow		
0.5 LPM – 4.4 Hours	2.0 LPM – 2.0 Hours	1.0 (16 mL) – 5.4 Hours	4.0 (64 mL) – 4.0 Hours	7.0 (128 mL) – 2.5 Hours
1.0 LPM – 3.7 Hours	3.0 LPM – 1.3 Hours	2.0 (32 mL) – 5.1 Hours	5.0 (80 mL) – 3.7 Hours	8.0 (160 mL) – 2.0 Hours
		3.0 (48 mL) – 4.9 Hours	6.0 (96 mL) – 3.5 Hours	9.0 (192 mL) – 1.7 Hours

NOTE: Pulse flow times are calculated based on 12BPM. Higher breath rates will decrease battery times on pulse mode only.

Recharge Time

1. The typical time to recharge the battery inside the Eclipse on AC or DC power is between 2–5 hours, dependent upon the flow setting.
The battery may be re-charged while the Eclipse is either ON or OFF.
2. The battery will recharge using the optional desktop charger in approximately 3 hours.
3. It is acceptable to leave the Eclipse plugged into AC power at all times while it is OFF. Note that while the unit remains plugged in and OFF, the internal fan may continue to run while the battery is charging and produce a faint humming noise.

Battery Gauge

The Eclipse 5 has a battery status gauge on the right side of the display screen. Each of the 5 horizontal gray bars represents approximately 20% of the total battery charge. When a battery is being charged, the indicator bars will blink in a waterfall-type fashion. If a battery is not installed, or is improperly installed, the battery status gauge will not appear on the screen.

On/Off

Press and hold the ON/OFF button (top left Blue Button) for two seconds to power on the Eclipse 5. Upon power up, the audible alarm should sound for 3 seconds, and all three lights on above the display screen should illuminate. It is normal for the yellow and/or red lights to remain on for up to 5 minutes during warm-up. Once warm-up is complete, only the green light should be on. Press and hold the ON/OFF button for two seconds to power off the Eclipse 5.

Changing Flow Mode

Press the flow mode button (bottom left blue button) to toggle between pulse and continuous flow. The light adjacent to the button will illuminate when in pulse mode and will blink with each breath detection and delivery. If the unit is in pulse mode but does not detect a breath, it will switch to continuous mode.



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The Sequal Eclipse 5 is a cutting-edge portable oxygen concentrator designed for individuals requiring supplemental oxygen therapy. This comprehensive device is known for its lightweight design, user-friendly interface, and efficient oxygen delivery. Whether you're using it at home, traveling, or engaging in daily activities, the Sequal Eclipse 5 provides reliable oxygen support. This user manual aims to guide you through the setup, operation, maintenance, and troubleshooting of your Sequal Eclipse 5 to ensure optimal performance and longevity.

Overview of the Sequal Eclipse 5

The Sequal Eclipse 5 is engineered to meet the needs of patients with varying oxygen requirements. It offers both continuous flow and pulse dose delivery modes, making it versatile for different situations. The device is equipped with advanced features that enhance user experience and ensure safety.

Key Features

1. Dual Mode Operation:
 - Continuous flow mode: Delivers oxygen at a constant rate.
 - Pulse dose mode: Provides oxygen in boluses, conserving battery life.
2. Lightweight and Portable:
 - Weighs approximately 18 pounds, making it easy to transport.
 - Comes with a carrying case for convenience.
3. Long Battery Life:
 - Capable of running up to 8 hours on a single battery charge, depending on the flow setting.
4. User-Friendly Interface:
 - Simple control panel with easy-to-read indicators.
 - Audible alarms alert users to low battery levels or operational issues.
5. Built-in Nebulizer:
 - Allows for the simultaneous use of nebulized medications.

Setting Up Your Sequal Eclipse 5

To ensure your Sequal Eclipse 5 operates effectively, follow these setup instructions closely.

Unpacking Your Device

1. Carefully remove the device from its packaging.
2. Check for included accessories:
 - Power supply
 - Battery pack
 - Carrying case
 - User manual
 - Nasal cannula or mask (if applicable)

Charging the Device

1. Connect the power supply to the unit and plug it into a wall outlet.
2. The battery indicator on the device will illuminate, showing the charging status.
3. Allow the battery to charge fully before first use (approximately 4-6 hours).

Operating the Sequal Eclipse 5

To operate the Sequal Eclipse 5, familiarize yourself with its controls and functions.

Control Panel Overview

- Power Button: Turns the device on and off.
- Mode Selection Button: Switches between continuous flow and pulse dose modes.
- Flow Rate Adjustment: Allows you to set the desired oxygen flow rate.
- Battery Indicator: Displays the remaining battery life.
- Alarm Indicator: Activates when there are issues with the device, such as low battery or obstructed air intake.

Using the Device

1. Turning On the Device:

- Press the power button once to turn on the Sequal Eclipse 5.
- Wait for the device to complete its self-check.

2. Selecting the Mode:

- Press the mode selection button to toggle between continuous flow and pulse dose.
- Choose the setting based on your doctor's prescription.

3. Adjusting Flow Rates:

- Use the flow rate adjustment control to set the desired oxygen flow.
- Refer to your physician's instructions for the appropriate flow rate.

4. Attaching the Nasal Cannula or Mask:

- Connect the cannula or mask to the oxygen outlet.
- Ensure a snug fit for optimal oxygen delivery.

Traveling with the Sequal Eclipse 5

The Sequal Eclipse 5 is designed to accompany you on your travels. Keep the following tips in mind:

- Air Travel: Always check with the airline regarding their policies on portable oxygen concentrators. Most airlines require advance notice.
- Carrying Case: Utilize the carrying case for protection and ease of transport.
- Battery Management: Carry extra batteries and a charger, especially for long trips.

Maintenance and Care

To maintain the functionality of your Sequal Eclipse 5, regular maintenance is essential.

Daily Maintenance Tasks

1. Cleaning the Filter:
 - Remove the filter from the device.
 - Rinse under lukewarm water and allow it to air dry completely before reinserting.
2. Inspecting the Nasal Cannula or Mask:
 - Check for wear and tear.
 - Replace as needed to ensure hygiene and functionality.

Periodic Maintenance Tasks

1. Battery Care:
 - Avoid exposing the battery to extreme temperatures.
 - Charge the battery fully every few weeks, even if not in regular use.
2. Device Cleaning:
 - Wipe the exterior surfaces with a damp cloth and mild detergent.
 - Do not use abrasive cleaners or solvents that may damage the device.
3. Professional Servicing:
 - Schedule a professional check-up annually to ensure the device operates within specifications.

Troubleshooting Common Issues

While the Sequal Eclipse 5 is reliable, you may encounter minor issues. Here are some common problems and their solutions.

Device Does Not Turn On

- Check Power Supply: Ensure the device is plugged in and the outlet is functional.

- Battery Status: If using battery power, check if the battery is charged.

Low Oxygen Flow

- Check Cannula/Mask: Ensure there are no kinks or blockages.
- Inspect Filters: A clogged filter can reduce oxygen delivery. Clean or replace as necessary.

Alarm Activation

- Identify Alarm Type: Refer to the user manual for specific alarm codes.
- Resolve Issues: Address the indicated problem, whether it's low battery, airflow obstruction, or other technical faults.

Conclusion

The Sequal Eclipse 5 is an invaluable tool for those requiring oxygen therapy, providing flexibility and reliability in various settings. By following the guidelines outlined in this user manual, you can ensure that your device remains in optimal condition, enhancing your quality of life. Always consult with your healthcare provider for personalized advice on using your oxygen concentrator effectively, and refer back to this manual for any operational or maintenance questions. With proper care and attention, your Sequal Eclipse 5 will serve you well for years to come.

Frequently Asked Questions

What is the primary purpose of the Sequal Eclipse 5 user manual?

The Sequal Eclipse 5 user manual provides comprehensive guidance on the operation, maintenance, and troubleshooting of the Sequal Eclipse 5 portable oxygen concentrator.

Where can I find the latest version of the Sequal Eclipse 5 user manual?

The latest version of the Sequal Eclipse 5 user manual can typically be found on the manufacturer's official website or through authorized dealers.

Does the Sequal Eclipse 5 user manual include safety

information?

Yes, the Sequal Eclipse 5 user manual includes important safety information to ensure safe operation and handling of the device.

Can I access the Sequal Eclipse 5 user manual in different languages?

Yes, the Sequal Eclipse 5 user manual may be available in multiple languages. Check the manufacturer's website for specific language options.

What troubleshooting tips are included in the Sequal Eclipse 5 user manual?

The Sequal Eclipse 5 user manual includes troubleshooting tips for common issues such as low oxygen output, alarms, and battery problems to help users resolve them effectively.

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Dr. Martin P Jankowski is a Family Practice Specialist in Petoskey, Michigan. He graduated with honors from Michigan State University College Of Osteopathic Medicine in 1999.

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Martin P. Jankowski | Family Medicine | Petoskey, MI | MediFind

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