



Respironics Inc.  
1001 Murry Ridge Lane  
Murrysville, PA 15668 USA



Respironics Deutschland GmbH & Co. KG  
Gewerbstrasse 17  
82211 Herrsching, Germany



REF 1121830

1121829 R12  
SM 10/24/2019  
EN-INTL

**PHILIPS**  
RESPIRONICS

SimplyGo Mini



User Manual

# Table of Contents

---

Introduction .....	1
Intended Use.....	1
Contraindications.....	1
Device and Accessories Description.....	1
SimplyGo Mini System .....	2
Warnings and Cautions.....	3
Symbol Glossary .....	8
How to Contact Philips Respironics.....	9
Getting Started.....	10
System Overview.....	10
Standard and Extended Rechargeable Lithium-Ion Batteries.....	12
Inserting and Removing the Batteries .....	12
Operating the SimplyGo Mini Device .....	14
Power Options.....	14
SimplyGo Mini Power Cord Connection .....	14
Charging the Battery.....	15
Device Warm-Up.....	16
Setting up the Cannula and Tubing .....	17
Powering On the Device.....	19
Powering Off the Device.....	20
Device Display Backlight .....	20
Navigating the Display Screens .....	20
Viewing and Changing Settings .....	21
Home Screen.....	21
Changing the O <sub>2</sub> Flow Setting .....	22
Checking the Battery Status.....	23
Accessing the Device Tools Menu.....	25
Alarm Indicators and Screen Symbols.....	32
How to Mute and Unmute an Alarm .....	32
How to Scroll through the Alarm Screens.....	33
Technical Alarms.....	34
Troubleshooting.....	44
Caring for your Battery .....	45
Battery Storage .....	45
Caring for your SimplyGo Mini System .....	46
Cleaning and Disinfecting the Device .....	46
Accessories Cleaning and Maintenance .....	47
Carrying Case .....	47
Cannula and Tubing.....	47
Device Storage .....	47
Device Disposal.....	48
SimplyGo Mini Portable Oxygen Concentrator Mobility .....	48
SimplyGo Mini Carrying Case.....	48
Traveling With Your System .....	49
By Motor Vehicle.....	50
By Bus or Train.....	50
By Airplane.....	50
On Arrival.....	51
Specifications.....	52
Standards Compliance .....	55
Classification .....	56
EMC Information.....	57
Limited Warranty.....	60



# Introduction

---

## Intended Use

The Philips Respironics SimplyGo Mini Portable Oxygen Concentrator is for prescription use by patients requiring high concentrations of oxygen on a supplemental basis. It is small, portable, and is capable of continuous use in the home, institutional, and travel /mobile environments.

## Contraindications

- This device is not intended to be life-sustaining or life-supporting.
- This device is not intended for newborn and infant use.

## Device and Accessories Description

The SimplyGo Mini Portable Oxygen Concentrator, its features, and its accessories are described in detail in this manual. Read and understand it completely before operating the device.

This manual applies to the following accessories:

- AC Power Supply
- AC Power Cord
- DC Power Supply
- Rechargeable Lithium Ion Standard and Extended Batteries
- Carrying Case
- Accessory Bag

This manual does not apply to the following accessory items sold separately:

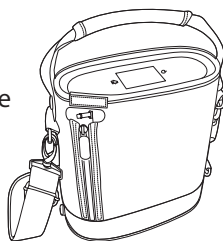
- Standard Single Lumen Nasal Cannula
- Battery Charger
- SimplyGo Mini Backpack

The organization that provides this equipment to the patient for use is accountable for ensuring the compatibility of the accessories used to connect the patient to the oxygen concentrator to the requirements of ISO 80601-2-69 and ISO 80601-2-67. In order to meet the requirements of ISO 80601-2-69 and ISO 80601-2-67, the accessory cannula must have a fire stop device that stops fire and flow of oxygen to the patient.

# SimplyGo Mini System

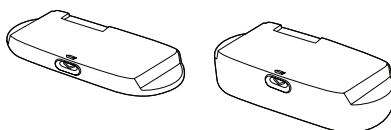
The device comes with the following items. If any are missing, contact your equipment provider.

- SimplyGo Mini Device in Carrying Case with Shoulder Strap

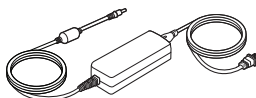


- This User Manual

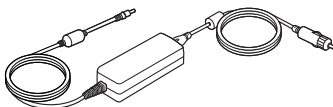
- Standard or Extended Rechargeable Batteries



- AC Power Supply and Cord



- DC Power Supply



- Accessory Bag



## Warnings and Cautions

### Warnings

A warning represents the possibility of harm to the operator or patient.

- The operator should read and understand this entire manual before using the device.
- The device is not intended for life support. Where the prescribing health care professional has determined that an interruption in the supply of oxygen, for any reason, may have serious consequences to the user, an alternate source of oxygen should be available for immediate use.
- Geriatric or any other patient unable to communicate discomfort, or hear or see the alarms while using this device, may require additional monitoring.
- If you feel discomfort or are experiencing a medical emergency while undergoing oxygen therapy, seek medical assistance immediately to avoid harm.
- The oxygen delivery settings of the oxygen concentrator should be periodically reassessed for the effectiveness of the therapy.
- Set the device at the prescribed level and do not increase or decrease your flow rate from the prescribed level until you first consult with your physician or healthcare professional.
- Oxygen supports combustion. Oxygen should not be used while smoking or in the presence of an open flame.
- Do not use the device in the presence of a flammable anesthetic mixture in combination with oxygen or air, or in the presence of nitrous oxide.
- Do not use oil or grease on the concentrator or its components as these substances, when combined with oxygen, can greatly increase the potential for a fire hazard and personal injury.
- Only use this device as prescribed. The use of oxygen therapy can be hazardous in some circumstances, so consult your health care practitioner before using the SimplyGo Mini device.
- To ensure that you receive the correct therapeutic amount of oxygen delivery according to your medical condition, the Philips Respironics SimplyGo Mini device must be used:
  - Only after one or more settings have been individually determined or prescribed for you at your specific activity levels.

### Warnings (continued)

- With the specific combination of parts and accessories that are in line with the specification of the oxygen concentrator manufacturer and that were used while your settings were determined.
- Some respiratory efforts of the patient might not trigger the SimplyGo Mini concentrator.
- The settings of the Philips Respironics SimplyGo Mini device might not correspond with continuous flow oxygen.
- The settings of other models or brands of oxygen therapy equipment do not correspond with the settings of the Philips Respironics SimplyGo Mini device.
- Use only water-based lotions or salves that are oxygen-compatible before and during oxygen therapy. Never use petroleum or oil-based lotions or salves to avoid the risk of fire and burns.
- If you notice any of the following, discontinue use and contact your equipment provider (i.e., Durable Medical Equipment (DME and Home Care Providers (HCP):
  - unexplained changes in the performance of this device
  - unusual or harsh sounds
  - dropped or mishandled device or the power supply
  - water spilled into the enclosure
  - broken enclosure
- Oxygen makes it easier for a fire to start and spread. Do not leave the nasal cannula on bed coverings or chair cushions if the oxygen concentrator is turned on, but not in use; the oxygen will make the materials flammable. Turn the oxygen concentrator off when not in use.
- To ensure proper function and to avoid the risk of fire and burns:
  - Use only with Philips Respironics SimplyGo Mini AC power supply.
  - Use only with Philips Respironics SimplyGo Mini batteries.
  - Use only approved SimplyGo Mini accessories.
- Incompatible parts or accessories can result in degraded performance.
- Repairs and adjustments must be performed by Philips Respironics authorized service personnel only. Unauthorized service could cause injury, invalidate the warranty, or result in costly damage.

## Warnings (continued)

- Periodically inspect electrical cords, cables, and the power supply for damage or signs of wear. Discontinue use and replace if damaged.
- To avoid electric shock, unplug the device and remove the batteries before cleaning the device or bag. DO NOT immerse the device in any fluids.
- To prevent electrical shock, turn off and disconnect the electrical supply before attempting to perform any maintenance to the SimplyGo Mini Concentrator.
- For proper operation, your device requires unobstructed ventilation. Always make sure any openings in the case are not obstructed by items which may impede ventilation. Do not place the device in a small closed space (such as a closet). The device should not be used adjacent to or stacked with other equipment. For more information, contact your equipment provider.
- Do not use an extension cord.
- Device operation above or outside of the voltage, breath rate, temperature, humidity and/or altitude values specified may decrease oxygen concentration levels.
- Be aware that the electrical cord and/or tubing could present a tripping or strangulation hazard.
- Use only power cords supplied by Philips Respironics for this device. Use of power cords not supplied by Philips Respironics may cause overheating or damage to the device and may result in increased emissions or decreased immunity of the equipment or system.
- The use of accessories, transducers and cables other than those specified or provided by the manufacturer of this equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation.
- Do not operate without the battery installed and working. If primary power is lost with no battery in place, the device will stop operating without warning the user. If the device must be operated without the battery, the user should be aware that there is no backup power and no warning if primary power is lost.
- If the SimplyGo Mini device will not be used for a long period of time, remove the battery from the device.
- Place the device in a location so as to avoid pollutants and fumes.
- Do not modify this system or equipment in any way. Modifications could result in hazards to the user.



### Warnings (continued)

- Do not lubricate fittings, connections, tubing, or other accessories of the oxygen concentrator to avoid the risk of fire and burns.
- Smoking during oxygen therapy is dangerous and is likely to result in facial burns or death. Do not allow smoking within the same room where the oxygen concentrator is located. If you intend to smoke, you must always turn the oxygen concentrator off, remove the cannula and leave the room where either the cannula or mask or the oxygen concentrator is located. If unable to leave the room, you must wait 10 minutes after you have turned the oxygen concentrator off before smoking.
- Open flames during oxygen therapy are dangerous and are likely to result in fire or death. Do not allow open flames within 2 m of the oxygen concentrator.
- Wind or strong draughts can adversely affect accurate delivery of oxygen therapy.
- The device does not require routine servicing or preventative maintenance other than inspection for normal wear or damage and device cleaning as indicated in sections “Caring for your Battery” and “Caring for your SimplyGo Mini System.”
- Medical Electrical Equipment needs special precautions regarding EMC and needs to be installed and put into service according to the EMC information provided in this manual.
- The SimplyGo Mini is designed to meet current electromagnetic compatibility requirements. However, if you suspect operation of this device’s essential performance or its significant functions are interfered by or interferes with the normal operation of other electronic devices (such as TV, radio or other household appliances), try relocating the appliance or the device until the interference stops, or plugging the device into a different power outlet controlled by a separate circuit breaker or fuse. If performance continues to be affected, discontinue use and contact your home care provider.
- Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of the device, including cables specified by the manufacturer. See the EMC section of this manual for distances to observe between RF communications equipment and the device to avoid interference.
- Do not use this device near active high frequency surgical equipment and the Radio Frequency shielded room of a Medical Electrical system for magnetic resonance imaging, where the intensity of

## **Warnings (continued)**

electromagnetic disturbances is high.

## **Cautions**















A caution represents the possibility of damage to the equipment.






- Never drop or insert any object into any opening.
- Do not immerse the device or allow any liquid to enter the enclosure.
- When the device is used in an automobile, disconnect it from the DC auto adapter outlet when the automobile is turned off. Do not operate the device in a non-running vehicle for an extended period of time, as this may deplete the vehicle's battery and prevent the vehicle from starting. Do not allow the device to be connected to the auto adapter outlet while starting the automobile normally or while you are starting the automobile with battery recharging cables. Wait until the automobile starts before connecting the device to the DC power outlet. Secure the device whenever it is used in any moving vehicle. (The same cautions apply if using the DC adapter outlet on a boat or recreational vehicle.)
- Turn off the device before removing the battery. The device should not be operated without the batteries installed. If the device is operated without the batteries installed, the standard shut-down routine will not be implemented when the power is disconnected prior to turning off the unit. This can result in damage to the device.
- Only use the supplied handle and shoulder strap to carry your device. With every use, verify that the case, shoulder strap and handle are in good condition.
- The use of cables and accessories other than those approved for use by Philips Respironics may negatively affect EMC performance.

## **Notes**

- Any serious incident that has occurred in relation to this device should be reported to Philips and the competent authority of the Member State in which the user and/or patient is established.
- Additional warnings, cautions, and notes are located throughout the manual.

## Symbol Glossary

SYMBOL	TITLE AND MEANING
	Operator's Manual; Operating Instructions Consult accompanying instructions for use.
	No smoking To prohibit smoking.
	No oil or grease
	No open flame To prohibit smoking and all forms of open flame.
	Do not disassemble
	DC power (Direct current) Indicate on the rating plate that the equipment is suitable for direct current only; to identify relevant terminals.
	Separate collection for electrical and electronic equipment per EC Directive 2012/19/EU.
	Model number
	Serial number
	Type BF applied part To identify a type BF applied part complying with IEC 60601-1.
	Rechargeable Battery
<b>IP22</b>	Enclosure protection
	AC Power (Alternating current) Indicates on the rating plate that the equipment is suitable for alternating current only; to identify relevant terminals.
	Class II equipment (Double Insulated) To identify equipment meeting the safety requirements specified for Class II equipment.
	Atmospheric Pressure Limitation Indicates the acceptable upper and lower limits of atmospheric pressure.

SYMBOL	TITLE AND MEANING
	Temperature Limit Indicates the storage temperature limits to which the medical device can be safely exposed.
	Manufacturer
	Authorized Representative in the European Community Indicates the Authorized Representative in the European Community.
	For Airline Use Complies with RTCA/DO-160G section 21, category M.
	Importer Indicates the entity importing the medical device into the locale.

**Note:** Also see the section on alarm indicators and screen symbols.

## How to Contact Philips Respironics

To have your device serviced, contact your home care provider. If you need to contact Philips Respironics directly, call the Customer Service department at 1-724-387-4000 or go to [www.respironics.com](http://www.respironics.com) to find your local customer service contact information. You can also use the following address:

Respironics Inc.  
1001 Murry Ridge Lane  
Murrysville, PA 15668 USA



# Getting Started

Attach the shoulder strap to the carrying case.

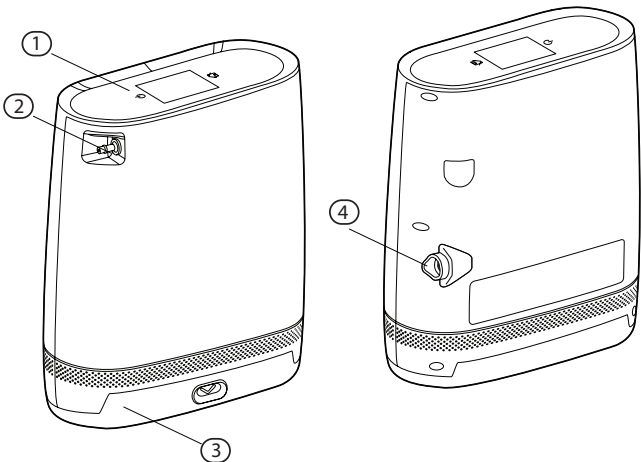
Before using the SimplyGo Mini device for the first time, the SimplyGo Mini standard or extended batteries require an initial uninterrupted charging time of 3.5 hours minimum for the standard and 7 hours minimum for the extended battery. This can be accomplished by installing the battery and using the AC Power Cord, as described in the following pages. Or optionally, you can use the external battery charger (sold separately) to charge the SimplyGo Mini batteries.

**Note:** Philips Respironics does not recommend using DC power for this initial charging.

**Warning:** Use only Philips Respironics batteries in your SimplyGo Mini device. Using other batteries could damage the device and will void the warranty. Remove the battery if the SimplyGo Mini will not be used for an extended period of time.

## System Overview

Begin by becoming familiar with your SimplyGo Mini device.

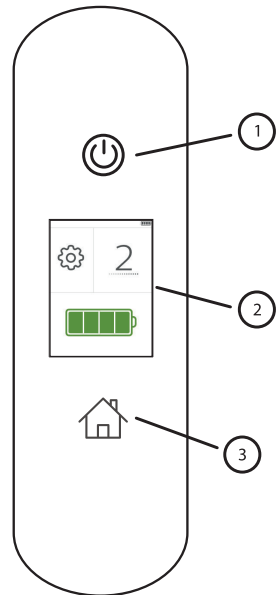


Item	Description	Function
1	Control Panel	Touchscreen interface to control all functions of the concentrator

2	Patient Cannula Connector	Oxygen output and connection point for patient cannula
3	Rechargeable Battery	Standard or extended rechargeable lithium-ion battery
4	Power Input Connector	Connection point for Philips Respironics-provided external power supplies: AC line voltage, vehicle DC

## Control Panel

Item	Description	Function
1	Power Button	Turns the device On and Off
2	Display Screen	Shows information about the operating status of the device and device settings
3	Home Button	Accesses the Home screen from any screen



## Standard and Extended Rechargeable Lithium-Ion Batteries

You can use a rechargeable battery to power the SimplyGo Mini without connection to an external power source. When fully charged, the standard battery will provide up to 4.5 hours of operation and the extended battery will provide up to 9 hours of operation when on setting 2.

**Note:** Battery Duration times are based on new, fully charged batteries used with a new SimplyGo Mini System. Battery duration times will degrade with battery age, environmental operating conditions, and use over time and operational condition of the concentrator. If the battery is near the end of its useful life, you may experience battery durations of approximately two-thirds that of a new battery.

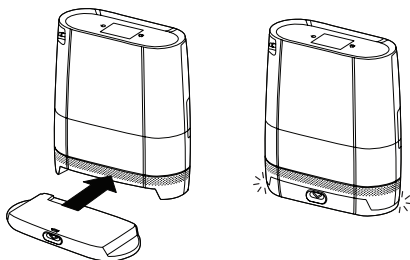
## Inserting and Removing the Batteries

You can use a standard battery or extended battery with your SimplyGo Mini device. They are inserted using the same method. To insert the batteries, complete the following steps:

1. Place your device in a well-ventilated location and make sure it is turned off.

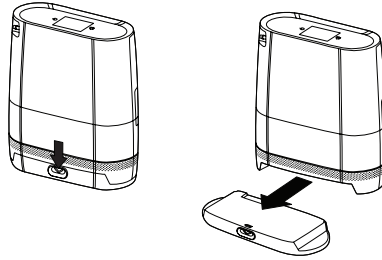
**Note:** The SimplyGo Mini device is shipped from the factory with the battery removed.

2. Hold the SimplyGo Mini device in one hand, and use your other hand to insert the battery compartment into the bottom of the SimplyGo Mini as shown in the following illustration.



**Caution:** Only remove the battery when the SimplyGo Mini is turned off. Never remove the battery while the device is operating.

- To remove the standard or extended battery, push the eject button on the center of the battery compartment down as shown in the following illustration. The battery will release from the device. If the device has been operating, the surfaces may be warm to the touch. This is normal.



- When the standard or extended battery is not installed, you can check the battery gauge on the battery to determine the amount of charge available.

Determine the amount of battery charge available by pressing the black button(s) and observing how many LEDs illuminate. The Extended Battery has two independent battery cells, two buttons, and two independent LED battery charge indicator gauges. Recharge the batteries if they are low. See the *Charging the Battery with AC Power Supply* section.

Number of LEDs	Battery Charge
4 LEDs Light:	75% to 100% full
3 LEDs Light:	50% to 75% full
2 LEDs Light:	25% to 50% full
1 LED Lights:	10% to 25% full
1 LED Blinks 3 Times:	Battery is less than 10% full and needs to be recharged



## Operating the SimplyGo Mini Device

---

### Power Options

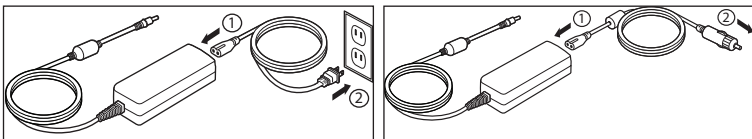
**Warning:** Do not use the device without the battery installed and operating.

- To run the device on battery power, make sure the battery is properly inserted and sufficiently charged. (The battery should be fully charged the first time you use it.)
- **To run the device using AC power**, first make sure you have a battery installed. Then, follow these steps:
  1. Connect the output cable of the AC Power Supply to the SimplyGo Mini power input connector and plug the power cord into the device as shown in the “Power Cord Connection” Section below.
  2. Connect the AC Power Cord’s connector into the AC power supply.
  3. Connect the AC Power Cord’s plug into an AC outlet installed to meet national or regional electrical code.
- **To run the device using DC power** from an automobile or other motorized vehicle, make sure the battery is installed. Start the vehicle and connect one end of the DC Power Cord to the device’s power inlet and the other end into the vehicle’s DC electrical outlet.

### SimplyGo Mini Power Cord Connection

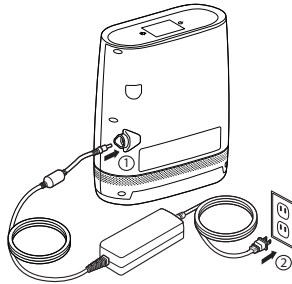
When connecting the SimplyGo Mini device to either an AC or DC power supply:

1. Plug the desired power supply source (AC or DC) cord into the power inlet.



2. Connect the pronged end of the power cord into an electrical outlet as shown in the illustration above.

3. Insert the cord connection into the device as shown.



**Note:** DC power provided by the DC Power Supply will also charge the battery when the device is turned off or is running on setting 1, 2, or 3. It may not charge the battery when the device is running on setting 4 or 5. Charging status can be verified with the battery icon on the Home Screen.

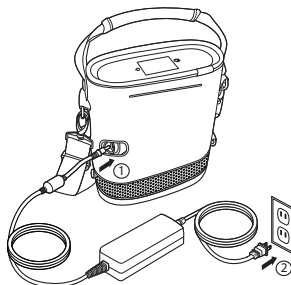
## Charging the Battery

**Important:** The first time you charge the battery, be sure to charge it fully. Do not use the DC power cord to do so; instead use AC power.

**Note:** The battery will begin charging whenever you connect the device to an AC outlet, regardless of whether or not you are operating the device.

To charge the battery using the AC Power Cord provided with your system, follow these steps.

1. Connect the AC Power Supply's output cable to the SimplyGo Mini power input connector.
2. Connect the AC Power Cord's connector into the AC power supply.
3. Connect the AC Power Cord's plug into an AC outlet installed to meet national or regional electrical code.



## SimplyGo Mini User Manual

**Note:** The AC Power Supply is equipped with a green light, which illuminates as soon as you connect the device to an energized AC power source.

4. When charging is complete (this takes four hours or less for the standard battery), disconnect the AC Power Supply and store it with the AC Power Cord for future use.

**Note:** Replacement and spare batteries are available separately. For information, contact your equipment provider.

**Note:** An optional SimplyGo Mini Smart Battery Charger (sold separately) is available for your system. For more information, contact your equipment provider.

## Device Warm-Up

When you turn on your SimplyGo Mini device, it will sense if you are breathing from it. If you are not yet breathing through the cannula, SimplyGo Mini will begin to pulse automatically about once every five seconds. As soon as you begin breathing through the cannula, the device will begin delivering pulses based on your breathing. It may take up to 20 minutes for the SimplyGo Mini output to stabilize within its O<sub>2</sub> purity specifications. However, you may begin breathing from the SimplyGo Mini at any time. During the initial stabilization period, the Warm-Up symbol is displayed under the setting number.

**Note:** If the device is stored at the minimum storage temperature between uses, please allow 2.5 hours for the unit to adequately warm up.

**Note:** If the device is stored at the maximum storage temperature between uses, please allow 2.5 hours for the unit to adequately cool down.

**Note:** The Low Oxygen Concentration Alarm is inactive for approximately 20 minutes after startup. The No Breath Alarm is inactive for the first ten minutes after startup.

## Setting up the Cannula and Tubing

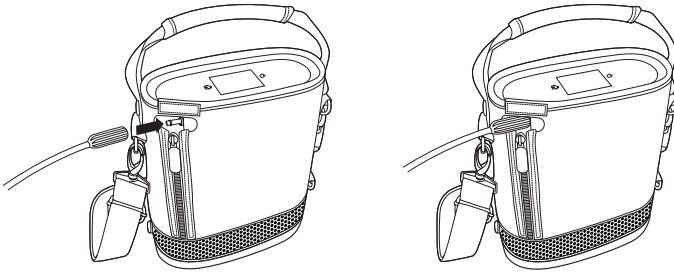
The alarm system should be verified before use by the equipment provider and between users by service personnel in accordance with the SimplyGo Mini service manual.

However, the user may verify the functionality of the alarm system as follows:

1. Induce a No Flow Alarm condition by turning the device ON and completely blocking the patient cannula connector of the device.
2. Wait approximately 90 seconds or until the No Flow Alarm occurs.
3. Verify that the No Flow Alarm indicators and screen symbols are present.
4. Unblock the patient cannula connector for a minimum of 60 seconds.
5. Verify that the No Flow Alarm ceases.

To set up the SimplyGo Mini device, follow these steps.

1. Connect a nasal cannula to the patient cannula connector on the device, as shown. Ensure that the cannula is routed to prevent it from being pinched or kinked to avoid a disruption of oxygen flow.



## SimplyGo Mini User Manual

**Note:** A standard single lumen nasal cannula and tubing (not supplied) should be used to deliver oxygen from the SimplyGo Mini device. The device works with smooth bore cannula tubing up to 25 ft. (7.6 m); however, use of shorter cannula lengths deliver higher pulse performance. *See Specifications section under "Flow Settings and Pulse Volumes" for additional details.* The proper placement and positioning of the nasal cannula in the nose is critical to the consistent operation of the SimplyGo Mini.

2. Power on the device as described in the next section.
3. Position the nasal cannula on your face, as shown below, and breathe normally through your nose.



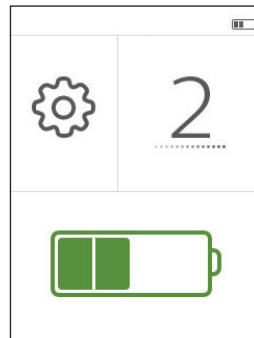
## Powering On the Device

1. You can press the Power button once or simply touch the black screen on the device to quickly view your settings. The screen shown here will appear with the following information displayed:
  - O<sub>2</sub> setting
  - Battery capacity
  - Number of hours the device has been used
  - Software version



The screen will automatically shut off again after 5 seconds.

2. If you want to fully power on the device, press the Power button a second time, within 5 seconds of the first press. This second press helps prevent unwanted starts or inadvertent changes in oxygen flow. The Philips Respironics splash screen appears briefly followed by the Home screen, both shown below.



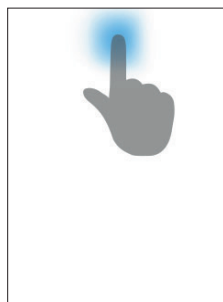
Every time it starts up, the device starts producing oxygen to meet the specified setting. It may take up to 20 minutes to reach the specified purity levels for the setting. It is safe to begin breathing from the SimplyGo Mini device immediately. Breathing from the device will cause it to reach oxygen purity levels faster.

**Note:** When it is turned on, the device will automatically start at the oxygen flow rate setting used when the device was last turned off. As a precaution, each time you start the device, verify the flow setting.

### Powering Off the Device

1. To turn the device off, press the Power button and the confirmation screen shown here 2. Press the Power button a second time to turn the device off.

**Note:** If you do not press the Power button a second time, the screen will return to the Home screen.



### Device Display Backlight

The device features a backlight that turns on automatically whenever:

- You touch the screen
- An alarm occurs
- The device is plugged into an external power supply
- A battery is inserted into the device

The backlight automatically shuts off after one minute of inactivity, as a power-saving feature.

### Navigating the Display Screens

As you access each of the display screens, there are some common actions you can take to move from screen to screen, adjust settings, return to a previous screen, etc.

- Press the Home button (🏠) from any of the display screens if you want to quickly return to the Home screen.
- If a screen has + and - buttons at the bottom, press those to scroll through setting selections and choose the desired setting.
- The Device Tools menus may also have < and > buttons at the bottom. Press these to scroll back and forth through the items you want to modify, and select the data you need to change.

**Note:** If you've reached the limit for a setting, then the < or > buttons will appear gray on the screen and will be disabled.

- The Device Tools menus may also have an ↶ in the top left corner of the screen. Press that arrow to return to the previous screen.

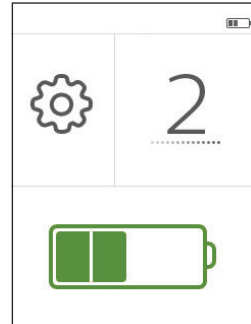
## Viewing and Changing Settings

This section describes how to view and change settings on the SimplyGo Mini device.






### Home Screen

The Home screen shown here contains three main items:

- Tool icon
- Flow Setting
- Battery Charge Level










The following symbols appear on the Home screen.

SYMBOL	DESCRIPTION
	The Tool icon provides access to the Device Tools menu.
	The Pulse symbol features dotted animation under the setting value to indicate that the device detected a breath and delivered a pulse of oxygen.
	The Warmup symbol indicates to the user that the O <sub>2</sub> purity has not yet been sampled because the system needs to stabilize. Its duration is at least 14 minutes.
	The Maximum Volume symbol indicates that the device is providing the maximum volume of oxygen for the current setting.
	The battery charge level symbols indicate the amount of charge left on the battery in use. For a complete list of battery charging symbols, see the "Checking the Battery Status" section later in this manual.



# SimplyGo Mini User Manual

Additionally, the Status bar at the top of the screen displays the following:

SYMBOL	DESCRIPTION
	This yellow symbol indicates that the device has detected an active alarm.
	This symbol indicates that an active alarm has been silenced but not resolved.
	This green symbol indicates that a battery is installed in the device, and AC power is also connected.
	This green symbol indicates that AC power is connected but no battery is installed.
	This symbol indicates the battery level (about 50% in this example). Refer to the Checking the Battery Status section of this manual for more details.
	This yellow symbol indicates that the battery level is low.
	This yellow symbol indicates that the battery level is depleted.

## Changing the O<sub>2</sub> Flow Setting

To change the O<sub>2</sub> flow setting, complete the following steps:

1. Touch the O<sub>2</sub> number shown on the Home screen to access the O<sub>2</sub> Settings screen, shown below.



2. Press the + or - buttons to increase or decrease the O<sub>2</sub> setting as needed. You can adjust the setting from 1 to 5 in increments of 1.

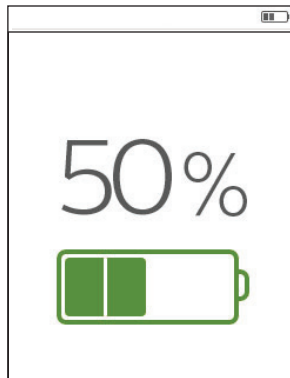
**Note:** When you've reached the setting limit, the + or - symbols will be greyed out to indicate that they are disabled and can no longer be selected.

The device detects when the user begins to take a breath and then delivers a pulsed volume of oxygen during the inhalation period. The volume of the oxygen pulse is dependent on the setting value. If no breath is detected for a period of time, the system automatically delivers the pulsed volume of oxygen determined by the setting number at a fixed rate of 12 breaths per minute. If no breath is detected for 2 minutes, the device signals an alarm and shuts down after 15 minutes if the device is running on battery power.

### Checking the Battery Status

To check the battery status, complete the following steps:










1. Touch the battery symbol on the Home screen to access the Battery Information screen, shown below.



The battery percentage number appears on the screen to indicate how much battery capacity is left, and the battery level symbol appears below the number.

## SimplyGo Mini User Manual


The following table describes each of the battery symbols:

SYMBOL	DESCRIPTION
	Battery level at 25%
	Battery level at 50%
	Battery level at 75%
	Battery level at 100%
	Battery charging or battery charge complete and external power source still connected <b>Note:</b> The green battery bar blocks will scroll while the battery is charging and this symbol appears. Once fully charged, the battery blocks stop scrolling and one long beep sounds.
	Low battery - indicates battery level is almost depleted
	Battery depleted
	AC power connected; no battery installed (green)
	External power failure; no battery installed (yellow)

## Accessing the Device Tools Menu

There are five device tool menus:

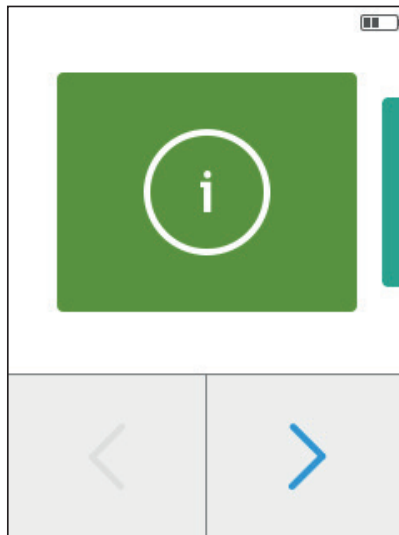
- Unit Information menu
- Brightness menu
- Touch Screen Audio menu
- Alarm Log menu
- Language Selection menu

To access the Device Tools menu, touch the Tool icon (  ) on the Home screen, and select the desired menu function.

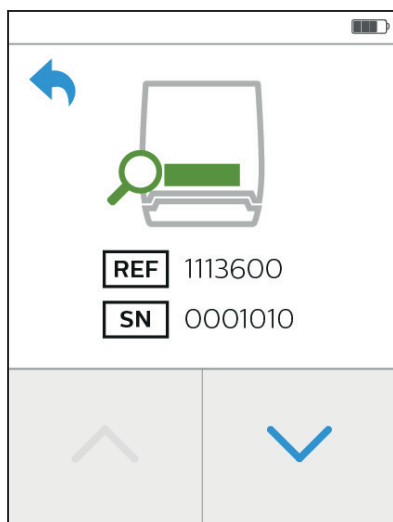
### View the Unit Information

1. The Unit Information menu screen appears first, shown below.

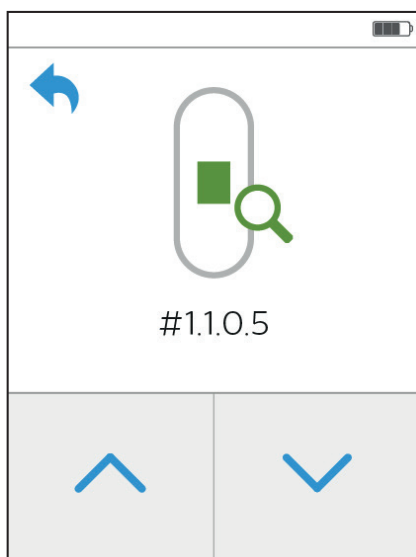
**Note:** You can use the < and > buttons to scroll between the various tool menus if desired.



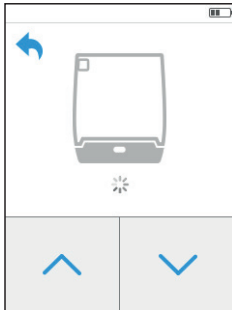
2. Press the Information icon to access the Unit Information menu, shown below. The initial screen provides the unit identification information (Model Number and Serial Number).



3. Press the  $\nabla$  and  $\wedge$  buttons to navigate through the list information screens.
4. The next information screen indicates the software version.



5. The battery health indication screen is next. One of the following four screens will appear depending on your battery:



Waiting...



Battery Good



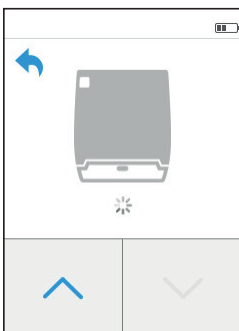
Service Battery Soon



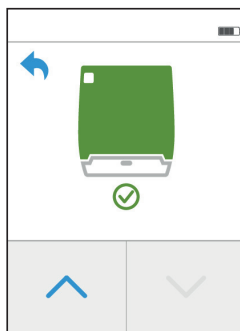
Battery Not Connected

**Note:** When the yellow Battery Health Indicator appears, contact your Homecare Provider to arrange for a replacement battery.

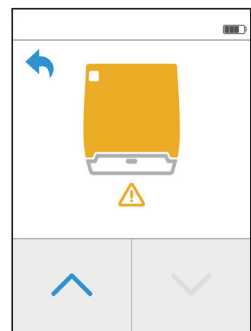
6. The sieve health indication screen is next. One of the following three screens will appear depending on the sieve state:



Waiting...




Sieve Good



Service Sieve Bed Soon

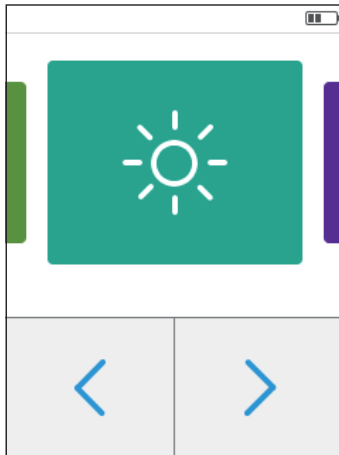
## SimplyGo Mini User Manual

**Note:** When the yellow Sieve Health Indicator appears, you may experience reduced battery duration or overall system performance. If this occurs, contact your Homecare Provider to arrange for maintenance of your device.

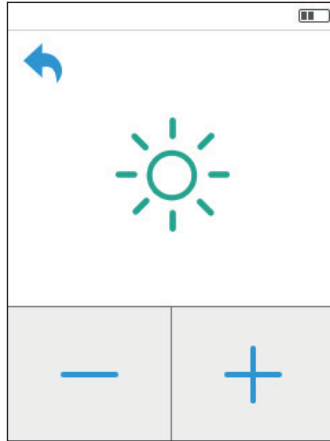
**Note:** To exit the Device Tools menu and return to the previous screen at any time, press the arrow (  ) in the top left corner of the screen.

### Change the Brightness Setting

1. To access the Brightness menu, press the Brightness icon on the screen shown below.

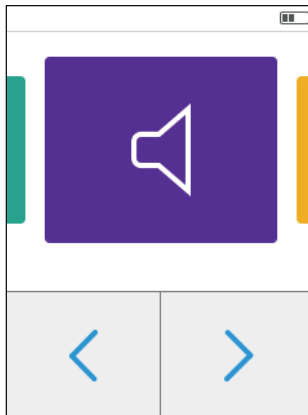


2. Press the + and - buttons on the screen shown below to scroll through the three brightness settings and choose the desired brightness.



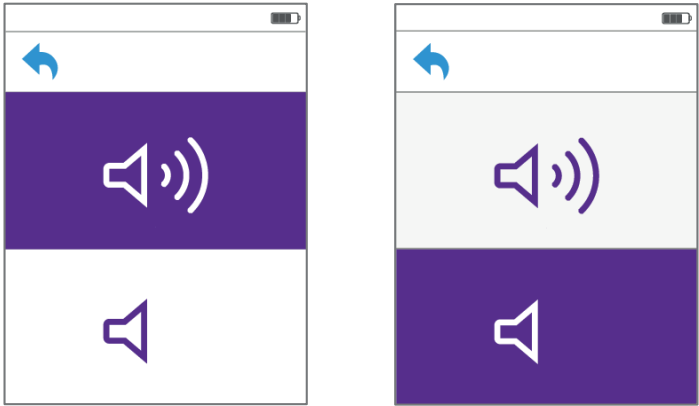
### Change the Touch Screen Audio Setting

1. To access the Touch Screen Audio menu, press the Audio icon on the screen shown below.



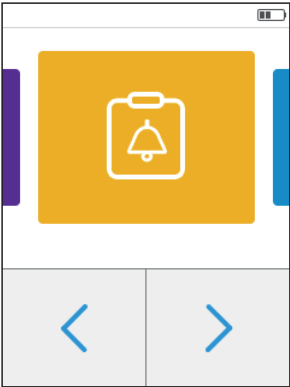
2. On the following screen, select the top icon to enable the touch screen audio or select the bottom icon to disable the touch screen audio and silence it (the device will beep when items are selected on the screen).



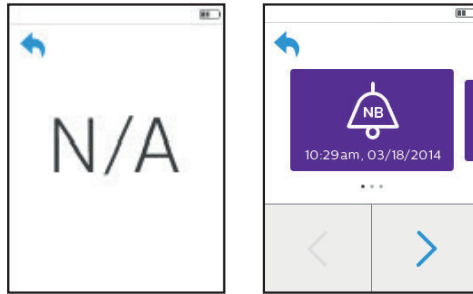


**Access the Alarm Log Menu**

1. Press the < and > buttons to navigate to the Alarm Log menu, shown below.



2. Press on the Alarm Log tile to access the screens shown below. If no alarms have ever occurred, the screen shown on the left will appear. Otherwise, a screen similar to the one on the right appears.



3. You can view the type of alarm that occurred and the start time and date of the alarm on the Alarm Log screen.
4. Press the < and > buttons to navigate through the list of alarms in the log history. The log will list the 16 most recent alarms.

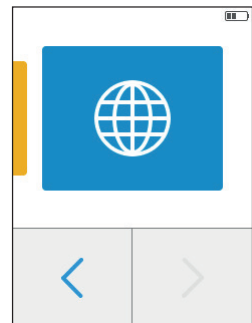
### Notes:

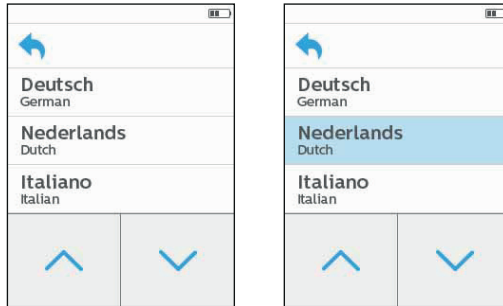
- The alarm log is maintained between device Power Off and Power On cycles (the time of Power Off is not logged).
- The most recent alarm events in the log from the current Power On session may be lost if the device experiences a total loss of power and improperly shuts down.
- The alarm log maintains the most recent 16 alarms and will discard the oldest data once its memory is full and a new alarm occurs. If less than 16 alarms have occurred, N/A will appear on some of the alarm screens.

## Change the Language Selection Setting

To select a new language on the SimplyGo Mini device, complete the following steps:

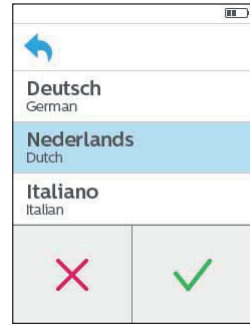
1. From the Home screen, click on the Tools icon to access the Device Tools menu.
2. Press the page left or page right (< >) buttons to scroll through the menus until the language selection menu appears, shown at right.
3. Press the Language Selection icon, and then press the up and down arrows (^ v) to scroll through the list until the desired language appears, as shown below.





4. Select the desired language to highlight it, and the confirmation screen will appear, shown at right.
5. Select the ✓ to confirm the language selection, or select the X to cancel the selection.

**Note:** If the X is pressed, the language selection will be cancelled.



6. When the language selection is confirmed, the screen will reboot and the device will return to the Home screen. Messages displayed on-screen will now be in the newly selected language.

## Alarm Indicators and Screen Symbols

**Note:** All SimplyGo Mini alarms are low priority alarms. The alarm system should be verified before use and between users by service personnel in accordance with the SimplyGo Mini service manual.

### How to Mute and Unmute an Alarm

To mute an active alarm:

- When an alarm appears on screen, press the yellow Mute control that appears on the alarm screen. The Mute control will then change to gray.

To unmute an active alarm:

- Press the gray Mute control on the alarm screen to unmute the alarm.

## How to Scroll through the Alarm Screens

Use the blue arrows in the top left and right corners of the alarm screens to scroll through the alarms.

**Note:** These arrows only appear when more than one alarm occurs simultaneously.

Click on the left blue arrow to go back to the previous alarm or click on the right blue arrow to go to the next alarm.

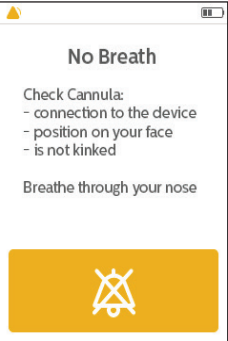
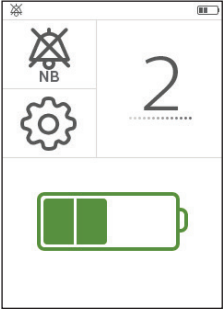

**Note:** If you are on the first alarm and there are no previous alarms, then only the blue arrow on the right will appear on screen. If you are on the last alarm and there are no more alarms to view, then only the blue arrow on the left will appear on screen, allowing you to scroll back through the previous alarms.

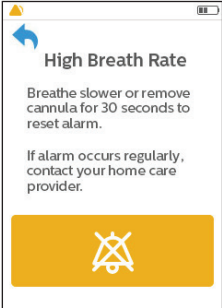


**Note:** The alarm system should be verified before use by the equipment provider and between users by service personnel in accordance with the SimplyGo Mini service manual.

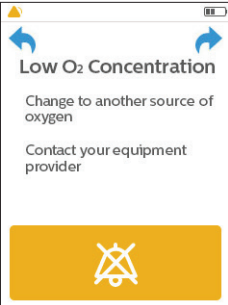
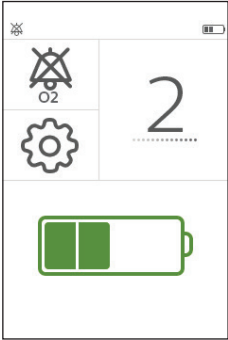
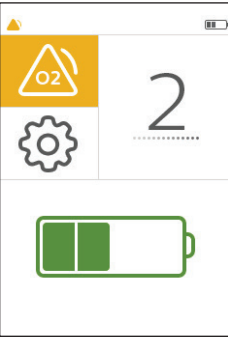
However, the user may verify the functionality of the alarm system as follows:

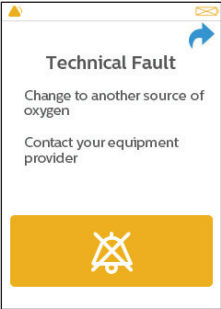


1. Induce a “No Flow Alarm” condition by turning the device ON and completely blocking the patient cannula connector of the device.
2. Wait approximately 60 seconds or until the “No Flow Alarm” occurs.
3. Verify that the “No Flow Alarm” indicators and screen symbols are present.
4. Unblock the patient cannula connector for a minimum of 45 seconds.
5. Verify that the “No Flow Alarm” ceases.

Technical Alarms

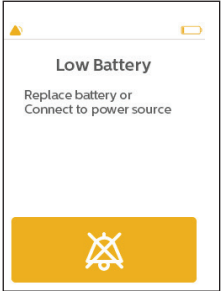
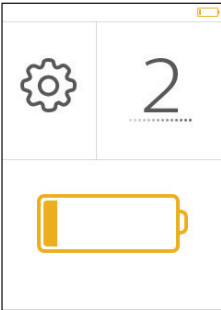

Visual, Audio Indicators	Description	What To Do
<p>1 beep that repeats every 16 seconds</p>   	<p><b>No Breath Alarm</b></p> <p>This alarm occurs when a breath is not detected for a period of 2 minutes or more. Press the yellow Alarm silence button on the screen to temporarily silence the alarm, and the 2nd screen shown at left appears. Or, press the Home button on the device to return to the Home screen, and the 3rd screen shown will appear with the No Breath (NB) alarm symbol in the upper left corner to indicate the active alarm state.</p> <p>This alarm resets itself as soon as a breath is detected. If the device is on battery power and no breath is detected after approximately 15 minutes, the device shuts down to conserve power. (This alarm is inactive for ten minutes after startup.)</p> <p><b>Note:</b> This alarm is inactive for 10 minutes after startup. Upon startup, this alarm could take a maximum of 12 minutes to activate from the time the alarm condition is present. Otherwise, it can take up to 2 minutes to activate.</p>	<p>Check the connection from the cannula to the device.</p> <p>Make sure the nasal cannula is properly positioned on your face and that you are breathing through your nose.</p> <p>Make sure the cannula tubing is not kinked or obstructed.</p>

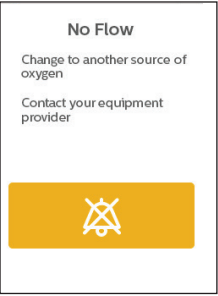
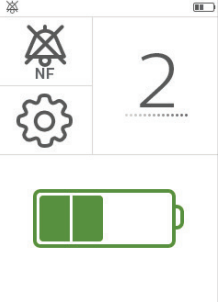

Visual, Audio Indicators	Description	What To Do
<p>1 beep that repeats every 16 seconds</p>   	<p><b>High Breath Rate Alarm</b></p> <p>This alarm indicates that the user's breath rate is exceeding the maximum pulse rate of the device. The device is still working properly and is still providing the maximum amount of oxygen for the user's setting.</p> <p>Press the yellow Alarm silence button on the screen to temporarily silence the alarm, and the 2nd screen shown at left appears. Or, press the Home button on the device to return to the Home screen, and the 3rd screen will appear with the High Breath Rate (MX) alarm symbol in the upper left corner to indicate the alarm state.</p> <p><b>Note:</b> This alarm could take up to 2 minutes to activate from the time the alarm condition is present.</p>	<p>The indicator resets itself when the breath rate is reduced. Breathe slower or remove the cannula for 30 seconds to reset the alarm.</p> <p>If this indicator regularly occurs, contact your equipment provider.</p>

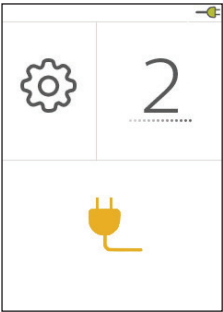
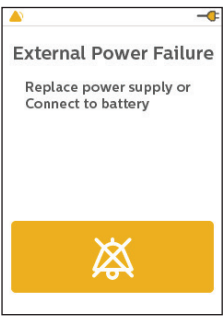
Visual, Audio Indicators	Description	What To Do
<p>1 beep that repeats every 16 seconds</p>   	<p><b>Low Oxygen Concentration Alarm</b></p> <p>This alarm occurs when the device is delivering a lower concentration of oxygen than specified. Note: This alarm occurs when the internal O<sub>2</sub> sensor reads &lt;82% O<sub>2</sub>. It will turn off if the system is able to recover from the fault and achieve &gt;84% O<sub>2</sub>.</p> <p>Press the yellow Alarm silence button on the screen to temporarily silence the alarm, and the 2nd screen shown at left appears. Or, press the Home button on the device to return to the Home screen, and the 3rd screen will appear with the Low O<sub>2</sub> alarm symbol in the upper left corner to indicate the alarm state.</p> <p>If in normal operation, the internal oxygen sensor monitors O<sub>2</sub> purity during the warm-up period and then at 1 hour intervals after that.</p> <p><b>Note:</b> O<sub>2</sub> purity is measured at 20 minute intervals. This alarm is inactive for approximately 20 minutes after startup. This alarm could take a maximum of 31 minutes to activate from the time the alarm condition is present.</p>	<p>Change to another source of oxygen and contact your equipment provider.</p>

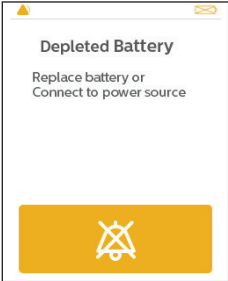
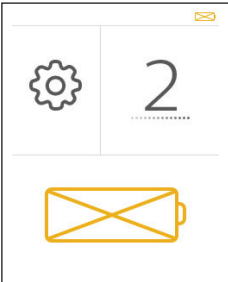
Visual, Audio Indicators	Description	What To Do
<p>1 beep that repeats every 16 seconds</p>   	<p><b>Technical Fault Alarm</b></p> <p>This alarm occurs when the device has a general malfunction and the device is no longer operating properly.</p> <p>Press the yellow Alarm silence button on the screen to temporarily silence the alarm, and the 2nd screen shown at left appears. Or, press the Home button on the device to return to the Home screen, and the 3rd screen will appear with the Technical Fault alarm symbol in the upper left corner to indicate the alarm state.</p> <p>The device may or may not shut down depending on the severity of the alarm.</p> <p><b>Note:</b> The amount of time it can take for the alarm to activate from the time the alarm condition is present will vary depending on the technical fault that occurs.</p>	<p>Change to another source of oxygen and contact your equipment provider.</p>






Visual, Audio Indicators	Description	What To Do
<p>1 beep that repeats every 16 seconds</p>  	<p><b>Low Battery Alarm</b></p> <p>This alarm occurs when approximately 10 minutes of battery life remains. Remaining battery life is dependent on your device settings and your activity level.</p> <p>Press the yellow Alarm silence button on the screen to temporarily silence the alarm, or press the Home button on the device to return to the Home screen, and the 2nd screen will appear with the Low Battery symbol flashing on the screen.</p> <p><b>Note:</b> This alarm could take up to 60 seconds to activate from the time the alarm condition is present.</p>	<p>Replace the battery or connect to a power source.</p>
	<p><b>Warm Up Indicator</b></p> <p>This symbol indicates to the user that the O<sub>2</sub> purity has not yet been sampled because the system needs to stabilize. Its duration is at least 14 minutes.</p>	<p>This symbol appears onscreen after initial startup and clears from the screen once the device has reached the minimum rated Oxygen Purity. Contact your equipment provider if it persists on screen for several hours after startup.</p>

Visual, Audio Indicators	Description	What To Do
<p>1 beep that repeats every 16 seconds</p>   	<p><b>No Flow Alarm</b></p> <p>This alarm occurs when the device detects there is no oxygen flowing in the patient cannula.</p> <p>Press the yellow Alarm silence button on the screen to temporarily silence the alarm, and the 2nd screen shown at left appears. Or, press the Home button on the device to return to the Home screen, and the 3rd screen will appear with the No Flow (NF) alarm symbol in the upper left corner to indicate the alarm state.</p> <p><b>Note:</b> This alarm could take up to 60 seconds to activate from the time the alarm condition is present.</p>	<p>Check the cannula for kinks or other obstructions that are stopping oxygen flow through it.</p> <p>If alarm persists, change to another source of oxygen and contact your equipment provider.</p>

Visual, Audio Indicators	Description	What To Do
<p>1 beep that repeats every 16 seconds</p>  	<p><b>External Power Failure Alarm</b></p> <p>This alarm occurs when there is an external power failure and no battery is installed. A yellow plug will appear on the Home Screen, shown at left, to indicate the external power fail.</p> <p>Click on the Yellow Plug symbol and the External Power Failure alarm screen shown at left will appear.</p> <p>Press the Alarm silence button on the screen to temporarily silence the alarm, or press the Home button on the device to return to the Home screen.</p>	<p>Replace the power supply or connect the device to a battery.</p>

Visual, Audio Indicators	Description	What To Do
<p>1 beep that repeats every 16 seconds</p>  	<p><b>Depleted Battery Alarm</b></p> <p>This alarm occurs when approximately two minutes of battery life remains.</p> <p>Press the yellow Alarm silence button on the screen to temporarily silence the alarm, or press the Home button on the device to return to the Home screen, and the 2nd screen will appear with the Depleted Battery symbol flashing on screen.</p> <p><b>Note:</b> This alarm could take up to 60 seconds to activate from the time the alarm condition is present.</p> <p><b>Note:</b> The device will automatically power down if the battery remains depleted for more than 90 seconds and no external power source is connected.</p>	<p>Replace the battery or connect to a power source.</p>

Visual, Audio Indicators	Description	What To Do
	<p><b>Alarm Silence Symbol</b></p> <p>This yellow symbol appears when an event occurs that generates an audible alarm. Pressing this button will silence the audible alarm until a different alarm occurs or until you disable the alarm silence (see below).</p>	<p>Refer to the associated alarm indicator also being displayed.</p>
	<p><b>Alarm Symbol</b></p> <p>This gray symbol appears when you have pressed the alarm silence button. Pressing this button will enable the alarm audible.</p>	<p>Refer to the associated alarm indicator also being displayed.</p>
	<p><b>Attention</b></p> <p>This yellow symbol appears on the status bar when corrective action is required.</p>	<p>If the device is operating in the carrying case, make sure it has been placed correctly in the case so that the outlet vents are not blocked. See the <b>Carrying Case</b> section of this manual.</p> <p>Allow the device to warm up. If the alarm continues, contact your equipment provider.</p>

Visual, Audio Indicators	Description	What To Do
2.0	<p><b>Flow Control Setting</b></p> <p>The large number on the screen shows the oxygen flow setting (in this example, it is 2). This number can range from 1 to 5 in increments of 1.</p>	<p><b>If this is your flow setting,</b> no action is needed.</p> <p><b>If this is not your flow setting,</b> press the + button to increase this number or press the - button to decrease the number.</p>

# Troubleshooting

The table below lists common problems and actions you can take. If you are unable to resolve a problem after referring to this table or to the “Alarm Indicators and Screen Symbols” section, please contact your home care provider.

Problem	Possible Cause	What You Should Do
Device Won't Turn On	Battery is depleted.	Use the AC or DC power cords to operate the device (with the battery inserted) to recharge the battery. If this does not resolve the problem, contact your equipment provider.
	Battery is not installed correctly.	Remove the battery and re-install it correctly.
	Power button not pressed twice.	Press the power button twice.
Device Will Not Trigger A Pulse Of Oxygen	SimplyGo Mini is not turned on.	Press the power button twice.
	Cannula tubing is kinked or twisted.	Make sure the tubing is connected properly to the oxygen outlet port and that it is free of any obstruction.
	Device malfunction.	Contact your equipment provider.
Oxygen Not At Full Concentration	Device is warming up.	Continue using your device, and wait 20 minutes for the device to deliver oxygen at the prescribed concentration. If the condition persists, contact your equipment provider.
Alarm Occurs	The device needs your attention.	See the Alarm Indicators and Screen Symbols section for information about specific alarms and what you should do.

Yellow Battery Health Indicator appears on screen	Battery has exceeded the recommended number of charge/discharge cycles and/or the full charge capacity has degraded.	Contact your Homecare Provider to arrange for a replacement battery.
Yellow Sieve Health Indicator appears on screen	Device performance indicates that user may be experiencing degraded performance or battery duration .	Contact your Homecare Provider for maintenance.

## Caring for your Battery

---

Handle your battery with care.

- Do not allow the battery's terminals to touch together as this will cause it to fail.
- Do not immerse the battery in water.
- Do not disassemble or deform the battery.
- Do not expose to, or dispose of, the battery in fire.
- Avoid exposing the battery to excessive physical shock or vibration (dropping, etc.).
- Keep all batteries out of the reach of children.
- Do not use any battery that has been damaged in any way.
- Always charge the battery in accordance with the manufacturer's instructions, using specified chargers only.
- Do not use modified battery chargers.
- An optional, external charger can be purchased to charge the batteries. Contact your equipment provider for more information.

## Battery Storage

Lithium ion batteries can be stored from -4° F (-20° C) to 140° F (+60° C) at up to 80% relative humidity. However, they are best stored below 70° F (21° C) in a cool, dry, well-ventilated facility free from corrosive gas or vapor.



## SimplyGo Mini User Manual

Storage at temperatures above 113° F (45° C), such as in a hot car, may degrade battery performance and reduce battery life. Storage at low temperatures may affect initial battery performance.

The optimal temperature range for charging the batteries is 0° F to 113° F (0° C to 45° C) at up to 80% relative humidity. The device will not charge the battery if the battery cells exceed 113° F (45° C). Battery charging will be inhibited until the battery temperature returns to 111° F (44° C) or below.

## Caring for your SimplyGo Mini System

### Cleaning and Disinfecting the Device

**Note:** This product is suitable for use with other patients once the device is cleaned and disinfected according to the procedures in the "Cleaning," "Disinfection," and "Accessories Cleaning and Maintenance" sections of this manual.

**Note:** The SimplyGo Mini oxygen concentrator does not contain any user-serviceable parts. All service should be referred to an authorized service center.

**Warning:** To avoid electrical shock, do not remove the SimplyGo Mini covers. The covers should only be removed by authorized service personnel. Do not apply liquid directly to the covers. Do not use alcohol, solvents, polishes, or any oily substances on the device, as they are flammable.

**Caution:** Do not allow liquids into any of the controls, the interior of the case, or the oxygen tubing connector. If this occurs, contact your equipment provider for assistance.

### Cleaning

The exterior covers of the device should be cleaned weekly and between patient use and as needed by performing the following steps:

1. Turn the device off and disconnect from the power source before cleaning.
2. Wipe the device exterior with a cloth slightly dampened with water and a mild dishwashing detergent. Wipe dry.

## Disinfection

The exterior covers of the device should be disinfected weekly and between patient use as follows:

1. Clean the device as indicated above.
2. To disinfect, use a household chlorine bleach containing 8.25% sodium hypochlorite. Combine 9 parts water to 1 part bleach.
3. Using a damp cloth with the bleach solution, wipe the exterior surfaces.
4. Allow the surface to remain damp for 2 minutes. Wipe dry as necessary.

## Accessories Cleaning and Maintenance

### Carrying Case

The carrying case should be cleaned monthly by performing the following steps:

1. Remove the SimplyGo Mini device from the carrying case.
2. Use a dry, soft-bristled brush gently to remove any visible soil on the carrying case before wiping.
3. Use a cloth dampened (not dripping) with a mild, household liquid dishwashing solution to clean the exterior of the carrying case. Ensure you remove all visible soil; a damp, soft-bristled brush may be used if necessary.
4. Perform a 'rinse' using a cloth dampened (not dripping) with warm water to wipe the exterior of the carrying case.
5. Allow the case to air dry.

The carrying case should be single use and replaced between patients.

### Cannula and Tubing

Clean and replace the cannula and tubing as instructed by the manufacturer and your equipment provider.

**Important:** Always replace the cannula between patient use.

### Device Storage

Store your device in a place where it will remain clean and dry.

## SimplyGo Mini User Manual

**Caution:** Do not store your device or accessories in extreme temperatures, below -4° F (-20° C) or above 140° F (60° C).

## Device Disposal

Separate collection for electrical and electronic equipment per EC Directive 2012/19/EU. Dispose of this device in accordance with local regulations.

## SimplyGo Mini Portable Oxygen Concentrator Mobility

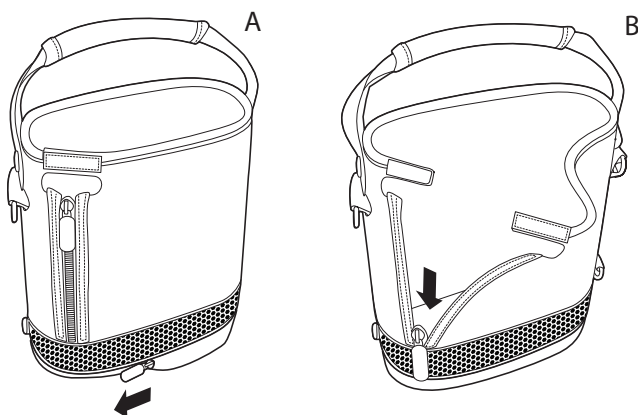
---

Your SimplyGo Mini system has been designed to provide you with a source of oxygen that can be carried with you. To enable you to do so, your SimplyGo Mini device has a carrying case with it.

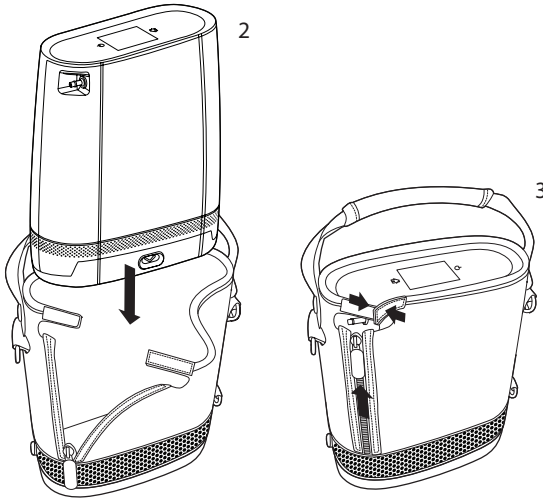
### SimplyGo Mini Carrying Case

The SimplyGo Mini carrying case allows you to take your supply of oxygen with you as you go about your normal, daily activities. It provides protection for your SimplyGo Mini as well as a carrying strap to transport the device. To place the SimplyGo Mini into its carrying case:

1. A. If you are using the device with the extended battery, unzip the bottom of the carrying case to allow for the device to easily slide into the bag.  
B. If you are only using the standard battery or AC power, you only need to unzip the side of the case as shown below.



2. Insert the device into the top of the case as shown below, and pull the case up around the device.



3. Zip the zipper up on the side of the case to ensure that SimplyGo Mini is firmly installed in the case and close the Velcro® tabs. Check to ensure that the power input and cannula connectors align with their openings in the case.

## Traveling With Your System

---

With your SimplyGo Mini system and proper advance planning, you can enjoy traveling within your community and beyond. Before you leave, make sure you pack the following:

- Fully charged battery (and extra batteries for a long trip)
- AC power supply and connector cord
- DC power supply
- Carrying case
- Cannula

Also, be sure to take the telephone numbers of your equipment provider and physician in case of an emergency.

**Note:** If traveling internationally, make sure you have the proper AC power cord for the country you are traveling to.

### By Motor Vehicle

Use the SimplyGo Mini DC power supply to plug in your system using the vehicle's cigarette lighter or DC power input. Whenever the SimplyGo Mini system is running from a DC power source, the battery installed in your device will begin recharging. You can also use the SimplyGo Mini device while it is running from a DC power source.

**Caution:** Make sure the vehicle has been started before plugging in your DC power supply. If you operate the SimplyGo Mini system using the DC power cord while the vehicle engine is turned off, you could inadvertently drain the vehicle's battery.

**To run the device using DC power** from an automobile or other motorized vehicle, make sure the battery is installed. Start the vehicle and connect one end of the DC Power Cord to the device's power inlet and the other end into the vehicle's DC electrical outlet.

Because the amount of current available in the vehicle electrical system is limited, the ability to charge the SimplyGo Mini battery with DC power will be determined by the operating mode of the device. DC power provided by the DC Power Supply will charge the battery when the device is turned off or is running on setting 1, 2, or 3. It may not charge the battery when the device is running on setting 4 or 5. Charging status can be verified with the battery icon on the Home Screen.

### By Bus or Train

Most bus and train lines allow passengers to use portable oxygen concentrators, but you may need to notify them in advance. When you make your travel arrangements, contact your carrier well before your departure for permission to bring your system and use it on board.

**Note:** Bus and rail carriers outside the United States may have additional requirements for oxygen concentrators. Contact them several weeks before you leave to identify any requirements or specifications that may require your attention.

### By Airplane

Every airline has policies for travel with portable oxygen concentrators such as your SimplyGo Mini device. Some airlines do not permit their use while flying on their aircraft. When you make your reservation, be sure to ask the airline for their policy regarding use of your SimplyGo Mini during flight. For updated

information about air travel with your device, visit our web site: [www.philips.com](http://www.philips.com).

When flying in the U.S. and abroad, commercial airlines may have unusual requirements for oxygen concentrators. Before you fly, contact all of your airlines on each of your connecting flights for permission to carry your SimplyGo Mini system on board. Be sure to ask about any documentation you may need to bring with you.

Make sure your battery is fully charged and that you have enough battery power for the duration of your flight. On the day of your flight, plan to arrive early. Airport security officers may need extra time to clear your luggage and oxygen system. They may also ask you to remove the SimplyGo Mini device from the carrying case for inspection.



Complies with  
RTCA/DO-160G  
section 21, category M

The manufacturer of this POC has determined this device conforms to all applicable FAA acceptance criteria for POC carriage and use on board aircraft.

## On Arrival

When you arrive at your destination, check the status of your system's battery. This is an excellent time to recharge all batteries, so they're ready to go when you need them. The charge level on your batteries can be checked by following the instructions in the *Inserting and Removing the Batteries* section of this manual. If a battery requires charging, this can be done as described in the *Charging the Battery* section of this manual.

If you have any questions or concerns about traveling with your SimplyGo Mini system, contact your equipment provider.

Specifications

Operating Conditions	Operational temperature: 5° C to 35° C (41° F to 95° F) Relative humidity: 15% to 93% Atmospheric Pressure: 70 kPa to 101 kPa Altitude: 0 to 10,000 ft. (3048 m.)
Storage and Transport Conditions	-20° C to 60° C (-4° F to 140° F) - unit only Relative humidity: up to 93%, non condensing
Expected Service Life of the device and accessories	5 years

Oxygen Concentration	90% +6% - 3% at all settings																																																										
Flow Settings and Pulse Volumes	<table><tr><td rowspan="2"></td><td colspan="5">Settings</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr><tr><td>Breath Rate</td><td colspan="5">Pulse Volumes (mL)</td></tr><tr><td>15</td><td>11.0</td><td>22.0</td><td>33.0</td><td>44.0</td><td>55.0</td></tr><tr><td>20</td><td>11.0</td><td>22.0</td><td>33.0</td><td>44.0</td><td>55.0</td></tr><tr><td>25</td><td>8.8</td><td>17.6</td><td>26.4</td><td>35.2</td><td>40.0</td></tr><tr><td>30</td><td>7.3</td><td>14.7</td><td>22.0</td><td>29.3</td><td>33.3</td></tr><tr><td>35</td><td>6.3</td><td>12.6</td><td>18.9</td><td>25.1</td><td>28.6</td></tr><tr><td>40</td><td>5.5</td><td>11.0</td><td>16.5</td><td>22.0</td><td>25.0</td></tr></table>							Settings					1	2	3	4	5	Breath Rate	Pulse Volumes (mL)					15	11.0	22.0	33.0	44.0	55.0	20	11.0	22.0	33.0	44.0	55.0	25	8.8	17.6	26.4	35.2	40.0	30	7.3	14.7	22.0	29.3	33.3	35	6.3	12.6	18.9	25.1	28.6	40	5.5	11.0	16.5	22.0	25.0
		Settings																																																									
		1	2	3	4	5																																																					
	Breath Rate	Pulse Volumes (mL)																																																									
	15	11.0	22.0	33.0	44.0	55.0																																																					
	20	11.0	22.0	33.0	44.0	55.0																																																					
	25	8.8	17.6	26.4	35.2	40.0																																																					
	30	7.3	14.7	22.0	29.3	33.3																																																					
	35	6.3	12.6	18.9	25.1	28.6																																																					
	40	5.5	11.0	16.5	22.0	25.0																																																					
Per ISO 80601-2-67 test method +/-15% at STPD* +/-25% over the rated environmental range *STPD is 101.3 kPa at an operating temperature of 20 °C, dry Average of 30 consecutive pulses with 1.5 m length tubing																																																											

Pulse Settings For 25 Ft Cannula	Breath Rate	Setting				
		Pulse Volumes (mL)				
		1	2	3	4	5
	15	10.4	22.7	32.7	43.4	54.4
	20	10.5	22.9	33.1	44.3	50.1
	25	8.2	17.7	26.2	34.1	40.0
	30	7.2	14.5	20.8	28.1	32.0
	35	6.6	12.9	17.4	22.6	25.9
	40	6.1	11.7	15.6	18.5	21.1
	Per ISO 80601-2-67 test method +/-15% at STPD* +/-25% over the rated environmental range *STPD is 101.3 kPa at an operating temperature of 20 °C, dry Average of 30 consecutive pulses with 7.6 m length tubing					
Breathing Frequency	Up to 40 BPM					
Inspiratory Trigger Sensitivity	≤ 0.2 cm H <sub>2</sub> O					
User Interface	Capacitive Touch Screen					
Dimensions	23.9 cm x 21.1 cm x 9.1 cm (standard battery) (9.4 in x 8.3 in x 3.6 in) 25.9 cm x 21.1 cm x 9.1 cm (extended battery) (10.2 in x 8.3 in x 3.6 in)					
Weight	2.3 kg (5.0 lbs) with standard battery installed 2.7 kg (6 lbs) with extended battery installed					



## SimplyGo Mini User Manual

Sound Level	42 dBA typical at setting 2 and 20 BPM 48 dBA typical at setting 5 and 20 BPM (when measured at 1 m from front of device)  Maximum Sound Power of 63 dBA and Maximum Sound Pressure level of 55 dBA per ISO 80601-2-69
Audio Alarm	45 dBA or greater
Maximum Outlet Pressure	20 psig

### SimplyGo Mini Battery

Chemistry	Lithium Ion 14.4 VDC (nominal)
Battery Options	Standard Battery Extended Battery (equals 2 standard batteries)
Dimensions	20.1 cm x 9.1 cm x 2.5 cm (standard battery) (7.9 in x 3.6 in x 1.0 in)  20.1 cm x 9.1 cm x 4.8 cm (extended battery) (7.9 in x 3.6 in x 1.9 in)
Weight	0.50 kg (1.1 lbs) (standard battery) 0.95 kg (2.1 lbs) (extended battery)
Watt-hour Rating Per Standard Battery	3.4 Ah x 3.6 V x 8 cells = 97.9 Wh
Battery Duration	Up to 4.5 hours (Pulse setting of 2 at 20 BPM with Standard battery) Up to 9 hours (Pulse setting of 2 at 20 BPM with Extended battery)
* Battery Duration times are based on new, fully charged batteries used with a new SimplyGo Mini system. Battery duration times will degrade with battery age, environmental operating conditions, use over time, and operational condition of the concentrator.	
Charge Time	Maximum recharge time is 4 hours for the standard battery and 8 hours for the extended battery from fully discharged to fully charged, depending on the power source and usage.

Expected Service Life of Battery	300 charge-discharge cycles
Shelf Life of Battery	6 months

**AC Power**

Type	Philips Respironics REF 1116818
Input	100 to 240 VAC, 50/60 Hz
Output	19 VDC, 6.3 A max
Power Consumption	120 W while charging

**DC Power**

Type	Philips Respironics REF 1116819
Input	12-16 VDC
Output	19 +/- 5% VDC, 6.3 A

**Standards Compliance**

The device is designed to conform to the following standards:

- IEC 60601-1 Medical Electrical Equipment, Part 1: General requirements for basic safety and essential performance
- IEC 60601-1-2 Medical Electrical Equipment, Part 1-2: General Requirement for Basic Safety and Essential Performance - Collateral Standard: Electromagnetic disturbances - Requirements and Tests
- IEC 60601-1-6 Medical electrical equipment - Part 1-6: General Requirements for Basic Safety and Essential Performance - Collateral Standard: Usability
- IEC 60601-1-8 Medical electrical equipment – Part 1-8: General Requirements for Basic Safety and Essential Performance – Collateral Standard: General requirements, tests, and guidance for alarm systems in medical electrical equipment and medical electrical systems
- IEC 60601-1-11 Medical electrical equipment – Part 1-11: General Requirements for Basic Safety and Essential Performance – Collateral Standard: Requirements for medical electrical equipment and medical electrical systems used in the home healthcare environment

## SimplyGo Mini User Manual

- ISO 80601-2-69, Medical Electrical Equipment, Part 2-69: Particular Requirements for Basic Safety and Essential Performance of Oxygen Concentrator Equipment
- ISO 80601-2-67, Medical Electrical Equipment, Part 2-67: Particular Requirements for Basic Safety and Essential Performance of Oxygen Conserving Equipment
- ISO 8359, Oxygen Concentrators for Medical Use - Safety Requirements
- IEC 62366-1 Medical devices - Part 1: Application of usability engineering to medical devices
- ISO 10993-1, Biological Evaluation of Medical Devices, Part 1: Evaluation and Testing (Biocompatibility)
- RTCA/DO-160G Section 21, Category M; Emission of Radio Frequency Energy

**Note:** The SimplyGo Mini has Essential Performance as defined in ISO 80601-2-69 and ISO 80601-2-67. The SimplyGo Mini will deliver oxygen in both normal and single fault conditions per the specifications in this manual, or in the case of a power supply failure, battery nearing depletion, low oxygen concentration or device malfunction, an alarm condition will occur.

## Classification

The SimplyGo Mini is classified as:

- IEC Class II Internally Powered Equipment
- Type BF Applied Part
- IP22: Degrees of protection provided by enclosure
  - protection against ingress of solid foreign objects  $\geq 12.5$  mm diameter
  - protection against ingress of water with harmful effects dripping (15° tilted)
- Not suitable for use in the presence of a flammable anesthetic mixture with air or with oxygen or nitrous oxide.
- Continuous Operation

## EMC Information

Your unit has been designed to meet EMC standards throughout its Service Life without additional maintenance. There is always an opportunity to relocate your portable SimplyGo Mini within an environment that contains other devices with their own unknown EMC behavior. If you believe your unit is affected by locating it closer to another device, simply separate the devices to remove the condition.

### Portable Oxygen Concentrator

The SimplyGo Mini is designed to provide enriched oxygen. If there is a condition where the device is not providing enriched oxygen, the device will alarm.

### Oxygen Conserving

The SimplyGo Mini is designed to provide oxygen in response to the patient's breathing. The device includes a sensing circuit that will detect when the patient has started to inhale. If the SimplyGo Mini is either randomly or not providing pulse dosed oxygen, this is a sign that the detection sensor is currently having trouble detecting the patient's breathing pattern.


If there are errors or alarms affecting the purity or conserving features of the device, the user should attempt to move the SimplyGo Mini to a different area to determine if the issue is due to electromagnetic interference with other equipment in the vicinity.

Guidance and Manufacturer's Declaration – Electromagnetic Emissions		
SimplyGo Mini is intended for use in the electromagnetic environment specified below. The user of SimplyGo Mini should assure that it is used in such an environment.		
Emissions Test	Compliance	Electromagnetic Environment - Guidance
RF Radiated Emissions CISPR 11	Group 1 Class B	The Device uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF Conducted Emissions CISPR 11	Group 1 Class B	The Device is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network.
Harmonic Emissions IEC 61000-3-2	Class A	
Voltage Fluctuations/Flicker Emissions IEC 61000-3-3	Complies	
RF Emissions CISPR25	Class 3	The Device is suitable for use in vehicles and boats.
Emission of Radio Frequency Energy RTCA/DO-160G Section 21	Category M	This Device is suitable for use onboard commercial airplanes inside passenger cabin.

## SimplyGo Mini User Manual

Immunity Test	IEC 60601 Test Level	Compliance Level	Electromagnetic Environment - Guidance
Electrostatic Discharge (ESD) IEC 61000-4-2	±8 kV contact discharges  ±2 kV, ±4 kV, ±8 kV, and ±15 kV air discharges	±8 kV contact discharges  ±2 kV, ±4 kV, ±8 kV, and ±15 kV air discharges	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 35%.
Electrical fast Transient/burst IEC 61000-4-4	±2 kV at 100 kHz repetition rate for power supply lines  ±1 kV for input-output lines; both at 100 kHz repetition rate	±2 kV at 100 kHz repetition rate for power supply lines  N/A - Device does not have user I/O lines that are longer than 3m in length.	Mains power quality should be that of a typical home or hospital environment.
Surge IEC 61000-4-5	±1 kV differential mode  ±2 kV common mode	±1 kV differential mode  N/A Device is Class 2 and does not have an earth connection.	Mains power quality should be that of a typical home or hospital environment.
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	<5% $U_T$ (>95% dip in $U_T$ ) for 0.5 cycle at 45 degree increments  <5% $U_T$ (>95% dip in $U_T$ ) for 1 cycle  70% $U_T$ (30% dip in $U_T$ ) for 0.5 seconds  <5% $U_T$ (>95% dip in $U_T$ ) for 5 seconds	<5% $U_T$ (>95% dip in $U_T$ ) for 0.5 cycle at 45 degree increments  <5% $U_T$ (>95% dip in $U_T$ ) for 1 cycle  70% $U_T$ (30% dip in $U_T$ ) for 0.5 seconds  <5% $U_T$ (>95% dip in $U_T$ ) for 5 seconds	Mains power quality should be that of a typical home or hospital environment. If the user of the device requires continued operation during power mains interruptions, it is recommended that the device be powered from an uninterruptible power supply or a battery.
Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	30 A/m	30 A/m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical hospital or home environment.

**Note:**  $U_T$  is the a.c. mains voltage prior to application of the test level.

Immunity Test	IEC 60601 Test Level	Compliance Level	Electromagnetic Environment - Guidance
Conducted RF IEC 61000-4-6	3 Vrms 150 kHz to 80 MHz  6 Vrms Amateur Radio & ISM Bands between 150 kHz and 80 MHz	3 Vrms 150 kHz to 80 MHz  6 Vrms Amateur Radio & ISM Bands between 150 kHz and 80 MHz	Portable and mobile RF communications equipment should be used no closer to any part of the device, including cables, than the recommended 30 cm (12 inches) separation distance.
Radiated RF IEC 61000-4-3	10 V/m 80 MHz to 2.7 GHz  Telecommunication frequencies as specified in clause 8.10 of IEC 60601-1-2: 2014:  450, 810, 870, 930, 1720, 1845, 1970 and 2450 MHz at 28 V/m  385 MHz at 27 V/m  710, 745, 780, 5240, 5500 and 5785 MHz at 9 V/m	10 V/m 80 MHz to 2.7 GHz  Telecommunication frequencies as specified in clause 8.10 of IEC 60601-1-2: 2014:  450, 810, 870, 930, 1720, 1845, 1970 and 2450 MHz at 28 V/m  385 MHz at 27 V/m  710, 745, 780, 5240, 5500 and 5785 MHz at 9 V/m	Interference may occur in the vicinity of equipment marked with the following symbol:  

# Limited Warranty

---

Respironics, Inc., a Philips company (“Philips Respironics”) provides this non-transferable, limited warranty for SimplyGo Mini Portable Oxygen Concentrator System (“Product”) to the customer who originally purchased the Product directly from Philips Respironics.

**What this Warranty Covers:** Philips Respironics warrants each new Product will be free from defects in materials and workmanship and will perform in accordance with the Product specifications under normal and proper use and maintenance in accordance with applicable instructions, subject to the exclusions below.

**How Long does this Warranty Last:** Three (3) years from the longer of the date of shipment to the purchaser or date of setup by purchaser for the end user, except:

- Respironics warrants the Sieve Bed and battery within the Product is free from defects in materials and workmanship under normal and proper use and when correctly maintained in accordance with applicable instructions, for a period of twelve (12) months from the date of shipment.

**What this Warranty does not cover:** Accessories and replacement parts are not covered under this warranty. This warranty does not apply to any software included with the Product as the software warranty is included in the software license. This warranty does not cover damage or injury whether to the Products, personal property, or persons caused by accident, misuse, abuse, Acts of God, water ingress, repair or alteration by anyone other than Philips Respironics or its authorized service center, failure to operate in accordance with the terms of the operating manual and instructions, lack of reasonable care, the discontinuance of a network (e.g. 2G, 3G, etc.) by a carrier (e.g. ATT, Verizon, etc., or other defects not related to material or workmanship. This warranty is not transferable. If Philips Respironics finds that a Product returned for service or the issue raised is not covered under this limited warranty, Philips Respironics may charge an evaluation fee and return shipping.

**What Philips Respironics will do:** If a Product does not meet the warranty above in the first 90 days after the original shipment date, Philips Respironics will replace the device with a new Product. Thereafter, if a Product fails to conform to the warranties set forth above during the applicable warranty period, Philips Respironics will repair or replace the Product or refund the original purchase price, in Philips Respironics sole discretion. Philips Respironics may use new or remanufactured assemblies, components, and parts in repair and new or recertified refurbished devices for replacement. The balance of the original warranty period will apply to any Product or component of a Product repaired or replaced under this warranty.

**Warranty Disclaimer; Limitation of Liability:** EXCEPT AS SET FORTH IN THIS LIMITED WARRANTY, PHILIPS RESPIRONICS MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, STATUTORY OR OTHERWISE, REGARDING THE PRODUCT OR ITS QUALITY OR PERFORMANCE. PHILIPS RESPIRONICS SPECIFICALLY DISCLAIMS THE IMPLIED WARRANTY OF MERCHANTABILITY AND THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL PHILIPS RESPIRONICS MAXIMUM LIABILITY UNDER THESE WARRANTIES EXCEED THE ORIGINAL PURCHASE PRICE OR WILL PHILIPS RESPIRONICS BE LIABLE FOR ANY ECONOMIC LOSS, LOSS OF PROFITS, OVERHEAD, OR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES. Repair, replacement, or return of purchase price by Philips Respironics is the original purchaser's sole and exclusive remedy under this warranty.

This warranty gives you specific legal rights, and you may also have other rights that vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion and limitations may not apply to you.

How to get warranty support: Patients contact your local authorized Philips Respironics dealer and dealers contact Respironics, Inc. at:

1001 Murry Ridge Lane  
Murrysville, Pennsylvania 15668-8550  
+1-724-387-4000

Deutschland  
Gewerbestrasse 17  
82211 Herrsching, Germany  
+49 8152 93060

**Note: For Australian and New Zealand customers this warranty replaces the warranty contained above.**

1. Respironics, Inc., a Philips company ("Philips Respironics"), warrants that the Products shall be free from defects of workmanship and materials and will perform in accordance with the Product specifications. 2. This warranty is valid for a period of three (3) years from the date of purchase from an authorized Philips Respironics dealer. 3 If the Product is found to contain a defect of workmanship or materials or fails to perform in accordance with the Product specifications during the applicable warranty period, Philips Respironics will repair or replace, at its option, the defective material or part. 4. The customer is responsible for returning the product to an authorised Philips Respironics dealer, and collecting the product from the authorised Philips Respironics dealer after repair or replacement, at its own cost. Philips Respironics is responsible only for the freight cost of transporting the product between the authorised Philips Respironics dealer and Philips Respironics. Philips



## SimplyGo Mini User Manual

Respironics reserves the right to charge an evaluation and postage fee for any returned Product where no problem is found following investigation. 5. This warranty does not cover:

- products purchased outside of Australia or New Zealand;
- damage caused by accident, misuse, abuse, alteration, pest infestation, liquid ingress, and other defects not related to materials or workmanship.

6. The warranty provided by Philips Respironics herein is not transferrable by the Buyer in the event of any sale or transfer of Products purchased by the Buyer from an authorized Philips Respironics dealer. 7. To the extent permitted by law, where the Buyer has the benefit of an implied guarantee under the Australian Consumer Law, but the Product is not of a kind ordinarily acquired for personal, domestic or household use or consumption Philips Respironics' liability shall be limited, at the option of Philips Respironics, to the replacement or repair of the Product or the supply of an equivalent Product. 8. To exercise your rights under this warranty, contact your local authorised Philips Respironics dealer. A list of all authorised dealers is available at the following link: <http://www.philips.com.au/healthcare>.

Alternatively, you can make a claim under this warranty by contacting Philips Respironics directly at: Philips Electronics Australia Limited, 65 Epping Road, North Ryde NSW 2113, Australia. Tel: 1300 766 488, Email: [repairs-src@philips-easyconnect.com](mailto:repairs-src@philips-easyconnect.com). 9. The following statement is provided to a Buyer who is a "consumer" under the Australian Consumer Law: Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the good repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. 10. The following statement is provided to a Buyer who is a "consumer" under the Consumer Guarantees Act 1993, New Zealand: Our goods come with guarantees that cannot be excluded under the Consumer Guarantees Act 1993. This guarantee applies in addition to the conditions and guarantees implied by that legislation.

### **AUSTRALIAN SPONSOR DETAILS:**

Philips Electronics Australia Ltd.  
65 Epping Road, North Ryde, NSW 2113  
Australia.