

Intended Use

The DreamStation Cellular Modem is designed for use with select Philips Respironics therapy devices. Once installed, it automatically transfers data between the therapy device and Philips Respironics proprietary compliance software. The DreamStation Cellular Modem is able to receive oximetry data and transfer it to the therapy device.

Package Contents

DreamStation Cellular Modem

Warnings and Cautions

Warnings

- If you notice any unexplained changes in the performance of this device, if the device is dropped or mishandled, if water is spilled into the enclosure, or if the enclosure is broken, discontinue use and contact Philips Respironics for assistance.
- 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.
- To reduce the risk of bodily injury and damage to the equipment, retain and follow all product safety and operating instructions.
- The Health Industry Manufacturers Association recommends that a minimum separation of six inches be maintained between a wireless phone and a pacemaker to avoid potential interference with the pacemaker. The DreamStation Cellular Modem should be considered a wireless phone in this regard.
- If you use any other personal critical medical device, such as pacemaker, consult the manufacturer of your device to determine if it can co-exist in close proximity with our device in terms of RF interferences. Your physician may be able to assist you in obtaining this information.
- Do not use this product in gas stations, fuel stores, chemical plants and locations containing explosives.
- Do not use accessories, detachable parts, and materials not described in the instructions for use.

Cautions



- Remove power from the therapy device by unplugging the power supply cord's connector from the power inlet on the back of the device before proceeding with the installation instructions.
- If the modem has been exposed to either very hot or very cold temperatures, allow it to adjust to room temperature before beginning the installation procedure.
- Pins of connectors should not be touched. Connections should not be made to these connectors unless ESD precautionary procedures are used. Precautionary procedures include methods to prevent build-up of electrostatic charge (e.g., air conditioning, humidification, conductive floor coverings, non-synthetic clothing), discharging one's body to the frame of the equipment or system or to earth or a large metal object, and bonding oneself by means of a wrist strap to the equipment or system or to earth.

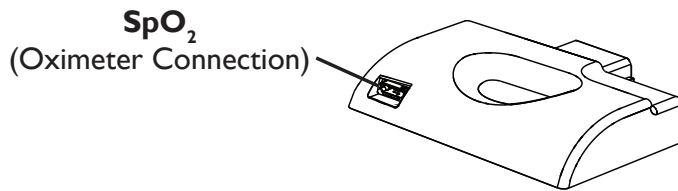
Important! Refer to the therapy device manual for additional warnings and cautions.

Important! From time to time, electronic devices can be affected by irregularities in the electrical power supplies and other electrical equipment. To prevent electrical interference that could affect the performance of your medical

equipment, always keep accessories (power supplies, battery packs, etc.) and other electrical devices (telephones, radios, etc.) away from your CPAP when used with the cellular modem.

Symbols

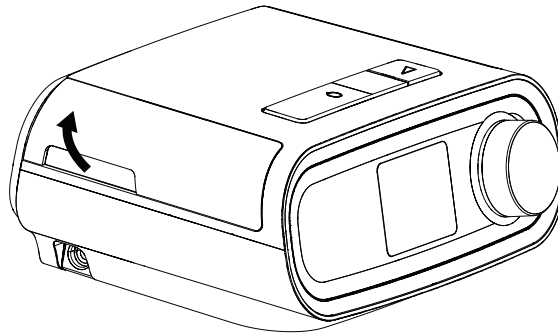
| Symbol | Definition |
|---|--|
|  | Consult accompanying instructions |
|  | This device contains an RF transmitter |
| IP22 | Drip proof equipment |



Installing the Modem

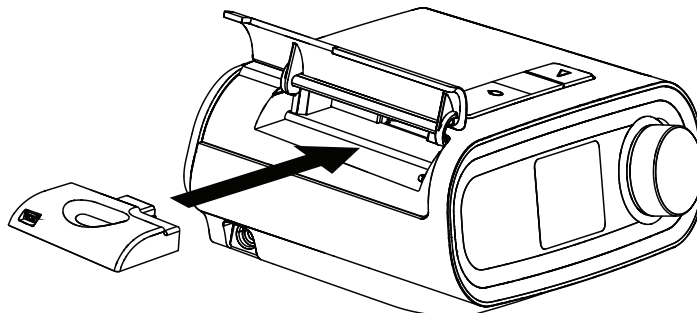
In order for the modem to work properly, it must be installed in a therapy device.

1. Ensure the therapy device is turned off.
2. Open the accessory door on the therapy device.



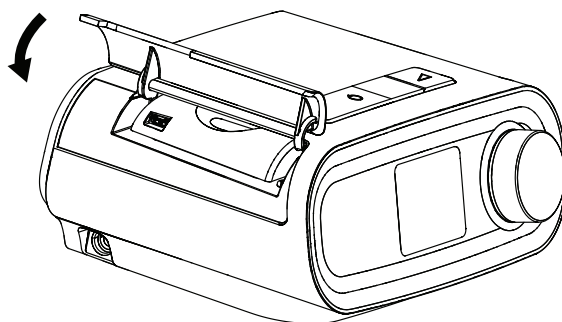
Open Accessory Door

3. Slide the modem into the accessory slot until it clicks into place.



Slide Modem into Place

4. Close the accessory door on the therapy device.



Close Accessory Door

Note: After powering on, up to 30 seconds may elapse before the modem is ready to make a call.

Important! The modem will automatically call within 5 minutes of installation if the blower is off and a manual call has not been successfully completed.

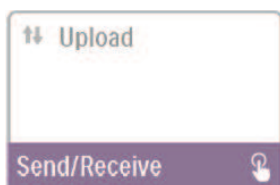
Making a Call

Normally, the modem will automatically make a call and upload therapy data at predetermined times set by your provider. The modem will not make a call while the blower is on and therapy device is delivering therapy.

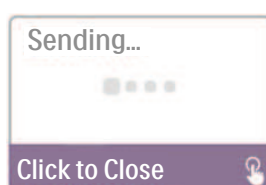
If instructed to do so by your provider, you can manually make a call by navigating to the My Provider menu on the therapy device and selecting “Upload.” The device will then display the animated Sending screen, then display that the upload was completed.



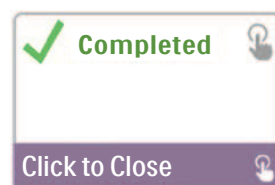
**My Provider
Screen**



Upload Screen



**Animated Sending
Screen**



**Upload Complete
Screen**

Note: When located near a clock radio, speaker, or other electronic device, an occasional buzzing noise may be heard. Relocate the therapy device and modem away from the electronic device to reduce or eliminate this noise.

Modem On/Off

If necessary, you may turn the modem off temporarily by navigating to the My Setup menu and selecting “Modem Off.” The modem will not be able to make any calls while off. When you are ready to turn the modem back on, navigate to the My Setup menu and select “Modem On.”



My Setup Screen



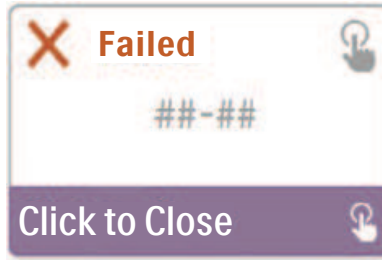
Modem Off Icon



Modem On Icon

Error Messages

If a connection or upload attempt fails, an error message will be displayed on the therapy device screen indicating the error number.



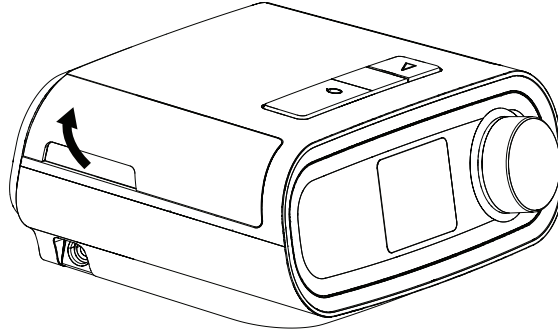
Example of an Error Message

| Number | Meaning | Action |
|--------|------------------------------------|--|
| 1-x | Connection Error | <p>Try removing power from the therapy device by unplugging the power supply cord's connector from the power inlet on the side of the device, wait 10 seconds, then plug the cord in again. Then, try initiating a manual call by navigating to the My Provider menu on the therapy device and selecting "Upload." See the "Making a Call" section of this guide. If problem persists, contact your provider.</p> <p>The provider should check the Philips Respironics proprietary compliance software for additional information.</p> |
| 2-x | Internal Communication Error | <p>Try initiating a manual call by navigating to the My Provider menu on the therapy device and selecting "Upload." See the "Making a Call" section of this guide. If problem persists, contact your provider.</p> <p>The provider should check the Philips Respironics proprietary compliance software for additional information.</p> |
| 3-x | Software Configuration Error | <p>Try initiating a manual call by navigating to the My Provider menu on the therapy device and selecting "Upload." See the "Making a Call" section of this guide. If problem persists, contact your provider.</p> <p>The provider should check the Philips Respironics proprietary compliance software for additional information.</p> |
| 4-x | Invalid Device Configuration Error | <p>Contact your provider. The provider should check the Philips Respironics proprietary compliance software for additional information.</p> |

Note: Philips Respironics proprietary compliance software is developed by Philips Respironics and is intended for use by physicians and home care providers.

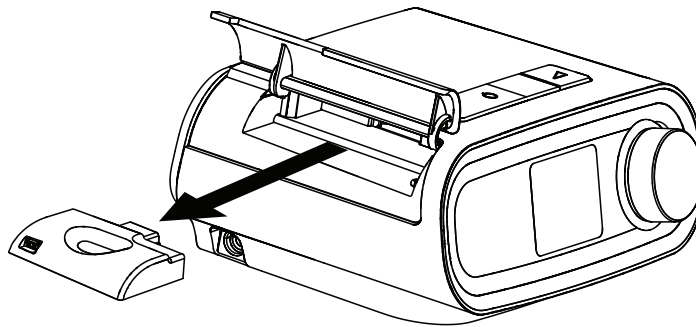
Removing the Modem

1. Ensure the therapy device is turned off.
2. Open the accessory door on the therapy device.



Open Accessory Door

3. Gently, pull the modem out of the therapy device.



Remove the Modem

4. Close the accessory door on the therapy device.

Cleaning

To clean the modem, remove the modem from the therapy device. Wipe the outside of the modem with a cloth slightly dampened with water and a mild detergent. Be careful not to get any liquid inside the connectors. Let the modem dry completely before reinstalling into the therapy device.

Temperature and Storage Information

| | Operation | Transport & Storage |
|---------------------|----------------------------|-------------------------------|
| Temperature: | 41° to 95° F (5° to 35° C) | -4° to 140° F (-20° to 60° C) |
| Humidity: | 15% to 95% non-condensing | 15% to 95% non-condensing |

Disposal

Dispose of this device in accordance with local regulations.

Additional Notices

- Notice:** The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 30 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.
- Notice:** For regulatory identification purposes, the DreamStation Cellular Modem is assigned a model number of 100610C.
- Notice:** There are no user-serviceable parts within the cellular modem accessory.
- Notice:** The cellular modem is not suitable for use on airlines.
- Notice:** Use of non-original manufacturer-approved accessories may violate your local RF exposure guidelines and should be avoided.
- Notice:** This ISM device complies with Canadian ICES-001.
- Notice:** This product meets the applicable Industry Canada technical specifications.
- Notice:** This cellular modem contains IC: 7830A-EHS6.
- Notice:** Operation is subject to the following two conditions; (1) This device may not cause interference and (2) This device must accept any interference, including interference that may cause undesired operation for the device.
- The Term "IC:" before the certification/registration number only signifies that registration was performed based on a Declaration of Conformity indicating that Industry Canada technical specifications were met. The term "IC:" before the certification/registration number does not imply that Industry Canada approved the equipment.

Product Support

Should you experience trouble with this equipment or require assistance setting up, using, or maintaining the equipment, contact your home care provider or Philips Respironics at 1-800-345-6443 or 1-724-387-4000.

Specifications

The cellular modem has an expected service life of 5 years.

Mode of Operation: Continuous

Radio Specifications

Band UMTS 1900, WCDMA FDD BdlI:

Tx Uplink: 1852.4-1907.6 MHz
Rx Downlink: 1932.4-1987.6 MHz
Channel Bandwidth: 5 MHz
Modulation: QPSK/DQPSK
Output Power:
Class 3 (+24 dBm +1/-3 dBm)

Band UMTS 850, WCDMA FDD BdV:

Tx Uplink: 826.4-846.6 MHz
Rx Downlink: 871.4-891.6 MHz
Channel Bandwidth: 5 MHz
Modulation: QPSK/DQPSK
Output Power:
Class 3 (+24 dBm +1/-3 dBm)

Band EGSM850:

Tx Uplink: 824-849 MHz
Rx Downlink: 869-894 MHz
Channel Bandwidth: 200 KHz
Modulation: GMSK
Output power:
Class 4 (+33dBm +/- 2dB)

Band GSM1900:

Tx Uplink: 1850-1910 MHz
Rx Downlink: 1930-1990 MHz
Channel Bandwidth: 200 KHz
Modulation: GMSK
Output power:
Class 1 (+30dBm +/- 2dB)

Limited Warranty

Respironics, Inc. warrants that the system shall be free from defects of workmanship and materials and will perform in accordance with the product specifications for a period of one (1) year from the date of sale by Respironics, Inc. to the dealer. If the product fails to perform in accordance with the product specifications, Respironics, Inc. will repair or replace – at its option – the defective material or part. Respironics, Inc. will pay customary freight charges from Respironics, Inc. to the dealer location only. This warranty does not cover damage caused by accident, misuse, abuse, alteration, water ingress, and other defects not related to material or workmanship. The Respironics, Inc. Service department shall examine any devices returned for service, and Respironics, Inc. reserves the right to charge an evaluation fee for any returned device as to which no problem is found after investigation by Respironics, Inc. Service. This warranty is non-transferable by unauthorized distributors of Respironics, Inc. products and Respironics, Inc. reserves the right to charge dealers for warranty service of failed product not purchased directly from Respironics, Inc. or authorized distributors.

Respironics, Inc. disclaims all liability for economic loss, loss of profits, overhead, or consequential damages which may be claimed to arise from any sale or use of this product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty is given in lieu of all other express warranties. In addition, any implied warranties – including any warranty of merchantability or fitness for the particular purpose – are limited to two years. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. To exercise your rights under this warranty, contact your local authorized Respironics, Inc. dealer or contact Respironics, Inc. at:

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Murrysville, Pennsylvania 15668-8550
1-724-387-4000