

# Firmware Upgrade

For Invacare® Platinum® Mobile Oxygen Concentrators  
**POC1-100C Models Only**

en      **Service Manual**

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## 1 General

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### 1.1 General information

These instructions apply to POC1-100C models only.

### 1.2 Equipment Needed

- POC1-100C  
Portable Oxygen  
Concentrator



- AC power adapter




- Male to Male USB  
A cable



- Personal computer  
with Windows 7 or  
later version  
Windows operating  
system
- Internet  
Connection

### 1.3 Symbols

Signal symbols and/or words are used in this manual and apply to hazards or unsafe practices which could result in personal injury or property damage. See the information below for definitions of the signal symbols and/or words.

-  Gives useful tips, recommendations, and information for efficient, trouble-free use.

### 1.4 POC1 Control Panel Buttons

The following control panel buttons are used in this procedure.



Mute Button



Backlight Button



Flow Setting  
Button

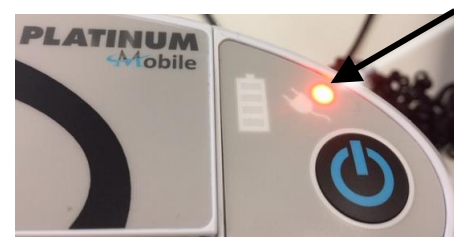
## 2 Service

### 2.1 Upgrading Firmware

1. Remove the batteries and disconnect the AC power adapter, USB cable, and cannula from the concentrator. Refer to the user manual for detailed information.
2. Connect the AC adapter to a power outlet.
3. Press and hold the Mute button and the Backlight button on the control panel.
4. While holding the Mute and Backlight buttons, connect the AC adapter to the concentrator.



5. The External Power Indicator will flash RED to indicate a connection between the concentrator and the PC.
6. After the red light flashes, release the Mute and Backlight buttons.



7. Connect one end of the USB cable to the USB port on the concentrator.

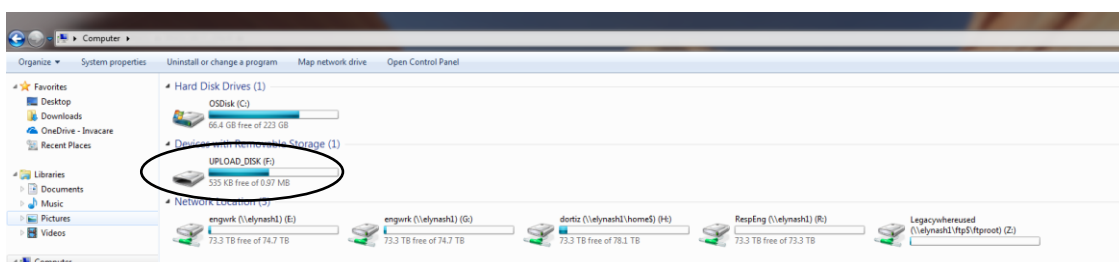


8. Connect the other end of the USB cable into the USB port of the PC.

*Connection location may vary by PC style. A notebook PC is shown.*



9. Open Windows Explorer on your PC and find the UPLOAD\_DISK drive.



10. Download the Upgrade file to the PC from <http://www.invacare.com/poc-firmware>.

11. Copy the Upgrade file (the file name must be poc1\_k22fx120m.bin) and paste it in the UPLOAD\_DISK DRIVE.

- ⓘ *If asked to replace the existing file in the UPLOAD\_DISK drive, click YES.*
- ⓘ *During file copy, the Battery Gauge LEDs will flash. Wait until the battery gauge LEDs stop flashing and the concentrator resets.*

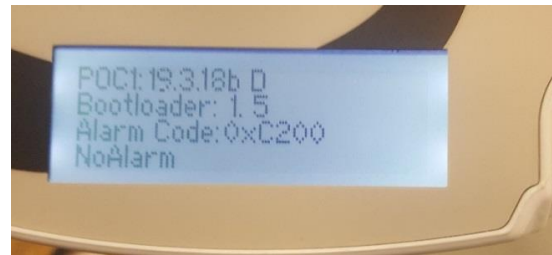
12. The concentrator may automatically go into calibration mode. Ensure the cannula is disconnected, there is no air flow around the unit and none of the ventilation ports are blocked.

Wait for calibration to complete. The screen will display "Calibration Complete".



13. When the LCD screen displays "Calibration Completed" and the concentrator resets, press the Mute and Flow Setting buttons and confirm the LCD displays the desired version (e.g. 19.3.18b D).

- ⓘ *Invacare recommends recording the serial number of the concentrator and the firmware version when the upgrade is complete.*
- ⓘ *If the firmware update is not successful (the displayed firmware version does not match the desired version or unit does not reset as expected), disconnect the AC power adapter and USB cable. Repeat steps 2-13.*



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