


ASL 5000 RS-232 Connections

Introduction	<p>Due to the domination of USB-ports, especially on laptop PCs, it becomes oftentimes difficult to connect a serial (RS-232) device to such PCs.</p>
USB to RS-232 Adapters	<p>A relatively straightforward solution is to use a serial adapter that converts a USB port on the PC to a serial COM-port. Many of these devices are available in consumer electronics stores. Not all of them, however, are capable of sustaining the high data throughput rates required by the data communication of the ASL 5000. For that reason, IngMar Medical has tested different adapters and is recommending a particular model, see: http://sealevel.com/product_detail.asp?product_id=1631&Ruggedized%5FUSB%5Fto%5FRS%2D232%5FDB9%5FSerial%5FInterface%5FAdapter%5F</p>
	<div style="display: flex; align-items: center;">  <div> <p>USB to RS-232 DB9 Serial Interface Adapter</p> <p>ITEM# 2105R SeaLINK+232-DB9</p> </div> </div>
	<p>This device is compliant with Windows 7,8 and 10. It is available from consumer electronics stores or directly from IngMar Medical, as part no. 31 10 536.</p> <p>Before connecting the device to the USB-port of your PC, install the software driver. Please make sure to use a COM-port assignment that is compatible with the ASL host software (1 is the default). Changes to the assignment can be made via the Windows Device Manager or via the Sealevel software. Finally, do not forget to make a change to the RS232ASL.ini file, which needs to reflect the COM-port choice (if it was not 1, the default). The line to be changed (using Notepad or other text editor):</p> <p style="padding-left: 100px;"><code>serial_comm_port = 1</code></p>