

USB to IRDA Kit User Guide

Kit Contents

Component Name	Part Number
USB to IRDA PCBA	60000-E101
Device Enclosure	60000-M101
Enclosure Lid	60000-M102
USB type C cable	Amazon B07R14JVGW



Instructions

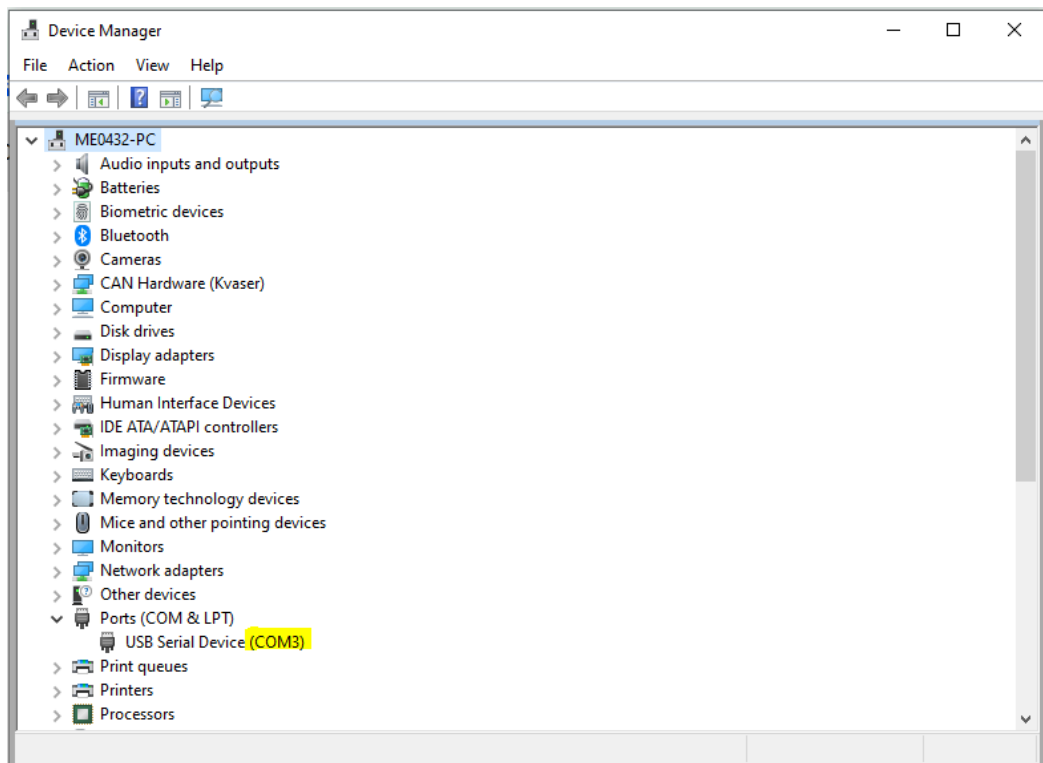
1. Adjust the switches to match the baud rate of your dive computer using the baud rate table below.

Switch configuration shown is for Cressi dive computers

Baud Rate Table

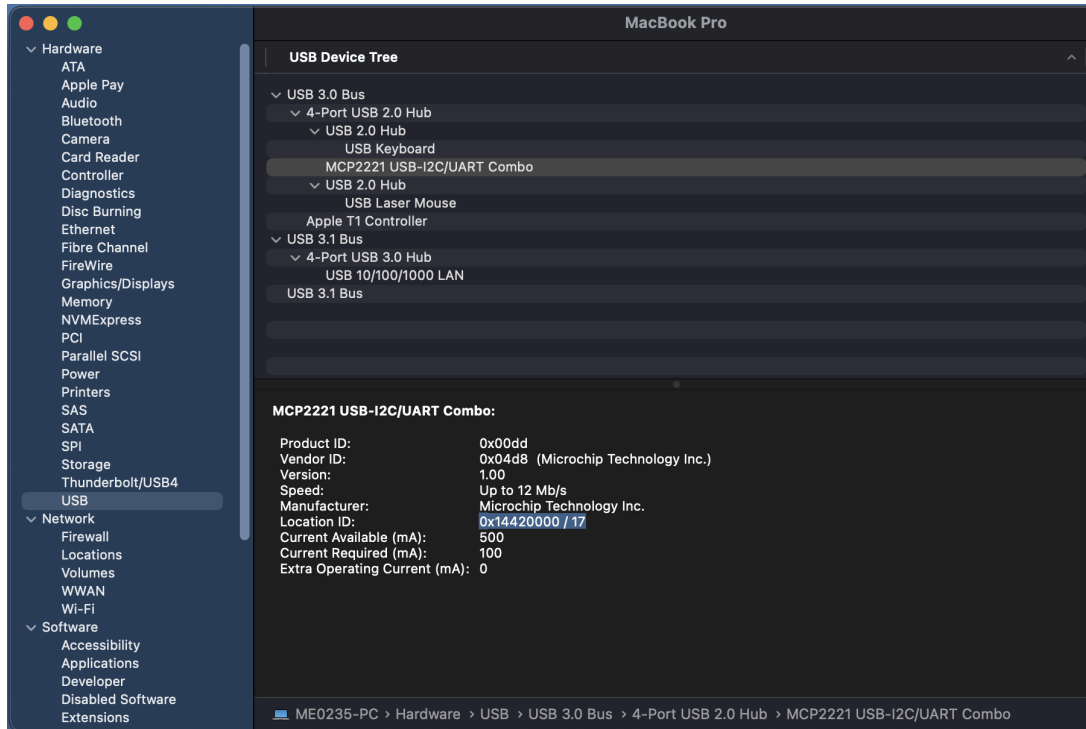
Baud Rate	Dive Computer Brands	Switch configuration		
		1	2	3
9600	Mares	OFF	OFF	OFF
19200	Galileo	OFF	OFF	ON
38400		OFF	ON	OFF
57600		OFF	ON	ON
115200	Cressi	ON	OFF	OFF

2. Connect the device to your computer with the USB cable. A red light should shine through the hole in the enclosure.
3. Identify the Serial Port to which the device has connected
 - a. Windows:
 - i. Open Device Manager
 - ii. Scroll down to the Ports (COM & LPT) section and identify the port that has opened when you plugged the device in.



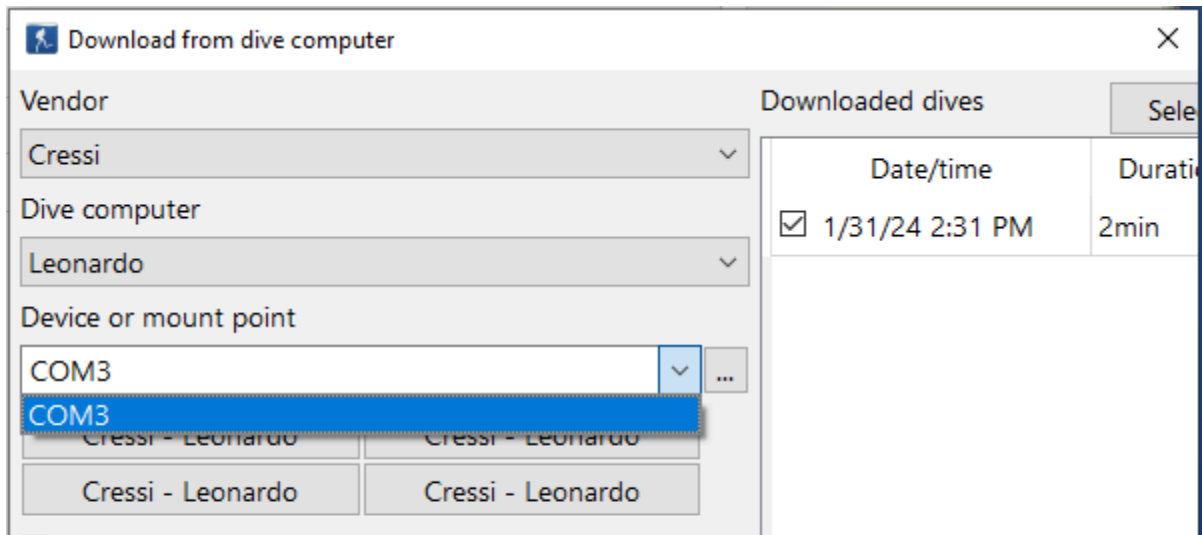
b. MacOS:

- i. From the Applications menu, open the Utilities Folder and then System Information
- ii. Scroll down to the USB section and open the USB Device Tree
- iii. Select the device called "MCP2221USB-I2C/UART Combo"
- iv. In the Location ID for this device, note the first 5 numbers after the 0x

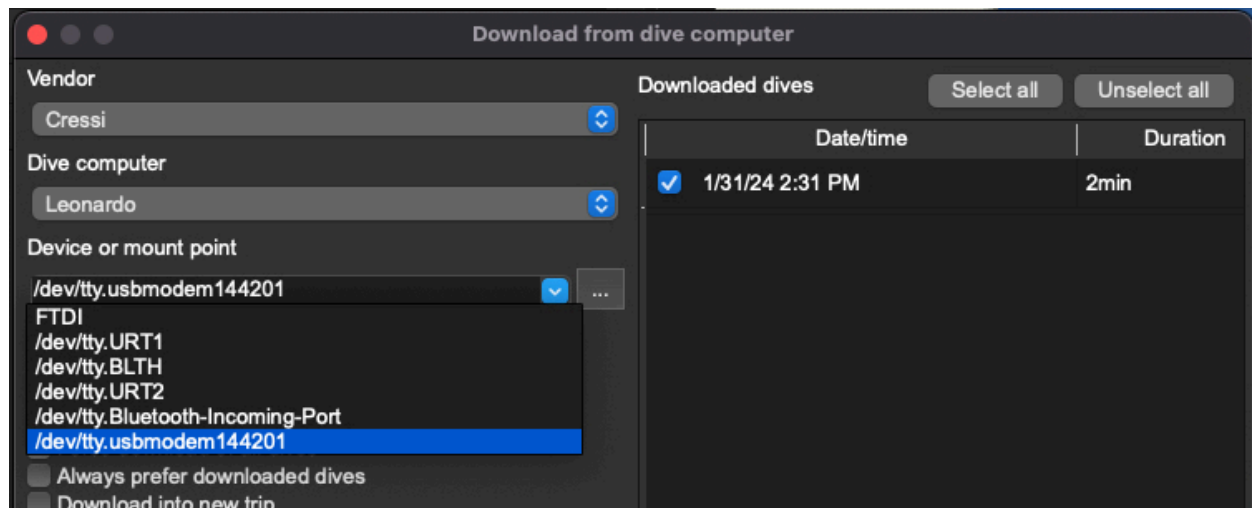


4. Open the Subsurface app on your computer and select Import->Import from dive computer

5. Set the Device or Mount point to the appropriate COM port
 - a. Windows: Select the COM port identified in step 4



- b. MacOS: Select the serial port that contains the 5 numbers identified in step 4



6. Aim the USB to IrDA device at the transceiver of the dive computer
7. Select Download and keep pointing device until the download finishes
8. Verify that data successfully downloaded