

ACQ222 DRIVER INSTALLATION

Problem encountered **The interface is detected by the operating system, but it does not function correctly. The Drivers are not requested when the interface is connected for the first time.**

Consequences: **The PC software does not connect to the controller; therefore, it is not possible to update the devices that are connected to the system with new firmware versions or modify programs.**

Possible Reasons: **Windows detects the new hardware, but automatically assigns Drivers that are not suitable for the device**

Observations: **The problem occurs rarely, but it can be resolved.**

Solution: **Connect the ACQ222 interface to the computer and follow the step-by-step instructions which vary depending on the operating system in use.**

ATTENTION: THE CONNECTION BETWEEN THE PC AND THE INTERFACE MUST USE ONLY ONE USB CABLE WITH NO EXTENSIONS!

Update using Windows XP

Follow the instructions shown in STEP 1 of the Driver download from Internet.

If it is not possible to complete the download, insert the disk containing the Drivers for the interface and the Aquatronica PC software into your computer's CD-ROM and move to STEP 2.

STEP 1 – Driver download from Internet

- 1) Connect your PC to the Internet and open a browser
- 2) Connect to the website <http://www.aquatronica.com>
- 3) Select the download area
- 4) Click on the icon next to Driver for ACQ222 interface
- 5) Confirm the download and save to your computer
- 6) Extract all of the files found inside the archive into a new directory

STEP 2 – Driver installation

- 1) Make sure that the interface is properly connected to the computer in use and that it is detected..
- 2) Enter the Windows "Control Panel" and double click on the icon "System"
- 3) Select the tab called "Hardware" and click on "Device Manager"
- 4) Click on the '+' symbol that is closest to "Other Devices" and double click on "Unknown Device" or "Serial-USB Connection" or "CP2102 USB to UART Bridge Controller" or "AEB USB Serial Converter". If none of these names appear, look under the category "Controller USB (Universal Serial Bus)" or "Ports (COM e LTP)"
- 5) Select the tab called "Driver" and click on "Update driver"
- 6) If a Window appears, click on "No, not this time"
- 7) If Windows asks to specify the type of device, choose "Ports (COM e LTP)" from the list
- 8) Choose the option "install from a list or specific location"
- 9) Choose the option "Don't search. I will choose the driver to install". Afterwards, click on the button "Have Disk".
- 10) Click on "Browse.." and select the CD drive or, in general, the folder where the Drivers are found.
- 11) Open each sub-folder of the path "AEB\2.04.06" and select the file "AEBPORT.INF"
- 12) If Windows signals incompatibility problems with the Drivers, repeat the point 11; open each sub-folder of the path "SiLabs\MCU\CP210x\Windows_2K_XP_S2K3_Vista" and select the file "SLABVCP.INF"

- 13) If Windows signals incompatibility problems with the Drivers once again, repeat the point 11; open each sub-folder of the path "FTDI\CDM 2.04.06 WHQL Certified" and select the file "FTDI\PORT.INF"
- 14) Complete the update by confirming when requested. If Windows signals incompatibility problems with the Drivers, click on "continue".
- 15) If Windows requests the installation of other Drivers for the interface, repeat the procedure in the same way.
- 16) Now you can close the open windows and begin using the interface.

Update using Windows Vista

The operating system may ask for authorization during some of the steps described below. You will need to do so whenever it is requested.

To complete the following operations, you will need to be signed in as administrator or the equivalent level of authorization.

Follow the instructions shown in STEP 1 of the Driver download from Internet.

If it is not possible to complete the download, insert the disk containing the Drivers for the interface and the Aquatronica PC software into your computer's CD-ROM and move to STEP 2.

STEP 1 – Driver download from Internet

- 1) Connect your PC to the Internet and open a browser
- 2) Connect to the website <http://www.aquatronica.com>
- 3) Select the download area
- 4) Click on the icon next to Driver for ACQ222 interface
- 5) Confirm the download and save to your computer
- 6) Extract all of the files found inside the archive into a new directory

STEP 2 – Driver installation

- 1) Make sure that the interface is properly connected to the computer in use and that it is detected.
- 2) Open the Windows Control Panel and open "Device Manager", found in the section "System and Maintenance".
- 3) 4) Click on the '+' symbol that is closest to "Other Devices" and double click on "Unknown Device" or "Serial-USB Connection" or "CP2102 USB to UART Bridge Controller" or "AEB USB Serial Converter". If none of these names appear, look under the category "Controller USB (Universal Serial Bus)" or "Ports (COM e LTP)"
- 4) Choose the tab "Driver" and click on "Update Driver"
- 5) If Windows asks to specify the type of device, choose "Controller USB (Universal serial Bus)" from the list

- 6) Choose the option "Search for Driver software in computer"
- 7) Choose the option "Don't search. I will choose the driver to install". Afterwards, click on the button "Have Disk".
- 8) Click on "Browse.." and select the CD drive or, in general, the folder where the Drivers are found.
- 9) Open each sub-folder of the path "AEB\2.04.06" and select the file "AEBPORT.INF"
- 10) If Windows signals incompatibility problems with the Drivers, repeat the point 9; open each sub-folder of the path "SiLabs\MCU\CP210x\Windows_2K_XP_S2K3_Vista" and select the file "SLABVCP.INF"
- 11) If Windows signals incompatibility problems with the Drivers once again, repeat the point 9; open each sub-folder of the path "FTDI\CDM 2.04.06 WHQL Certified" and select the file "FTDIPOINT.INF"
- 12) Complete the update by confirming when requested. If Windows signals incompatibility problems with the Drivers, click on "continue".
- 13) If Windows requests the installation of other Drivers for the interface, repeat the procedure in the same way.
- 14) Now you can close the open windows and begin using the interface.

Update using Windows 7

The operating system may ask for authorization during some of the steps described below. You will need to do so whenever it is requested.

To complete the following operations, you will need to be signed in as administrator or the equivalent level of authorization.

Follow the instructions shown in STEP 1 of the Driver download from Internet.

If it is not possible to complete the download, insert the disk containing the Drivers for the interface and the Aquatronica PC software into your computer's CD-ROM and move to STEP 2.

STEP 1 – Driver download from Internet

- 1) Connect your PC to the Internet and open a browser
- 2) Connect to the website <http://www.aquatronica.com>
- 3) Select the download area
- 4) Click on the icon next to Driver for ACQ222 interface
- 5) Confirm the download and save to your computer
- 6) Extract all of the files found inside the archive into a new directory

STEP 2 – Driver installation

- 1) Make sure that the interface is properly connected to the computer in use and that it is detected.
- 2) Windows will automatically search for the proper device driver looking into the computer and, after, through the web. Wait until this process is completed. If this procedure fails, continue to point 3.
- 3) Open the Windows Control Panel and open "Device Management", found in the section "System and Maintenance".
- 4) 4) Click on the '+' symbol that is closest to "Other Devices" and double click on "Unknown Device" or "Serial-USB Connection" or "CP2102 USB to UART Bridge Controller" or "AEB USB Serial Converter". If none of these names appear, look under the category "Controller USB (Universal Serial Bus)" or "Ports (COM e LTP)"
- 5) Choose the tab "Driver" and click on "Update Driver"

- 6) If Windows asks to specify the type of device, choose "Controller USB (Universal serial Bus)" from the list
- 7) Choose the option "Search for Driver software in computer"
- 8) Choose the option "Don't search. I will choose the driver to install". Afterwards, click on the button "Have Disk".
- 9) Click on "Browse.." and select the CD drive or, in general, the folder where the Drivers are found.
- 10) Open each sub-folder of the path "AEB\2.04.06" and select the file "AEBPORT.INF"
- 11) If Windows signals incompatibility problems with the Drivers, repeat the point 10; open each sub-folder of the path "SiLabs\MCU\CP210x\Windows_2K_XP_S2K3_Vista" and select the file "SLABVCP.INF"
- 12) If Windows signals incompatibility problems with the Drivers once again, repeat the point 10; open each sub-folder of the path "FTDI\CDM 2.04.06 WHQL Certified" and select the file "FTDIPOINT.INF"
- 13) Complete the update by confirming when requested. If Windows signals incompatibility problems with the Drivers, click on "continue".
- 14) If Windows requests the installation of other Drivers for the interface, repeat the procedure in the same way.
- 15) Now you can close the open windows and begin using the interface