

31 Installation of the USB-driver for nextGeneration-II

(for all who are not so familiar with the Windows operating system)

31.1 Installation of the USB driver

If you like to display the online-charge/discharge-data (which are available on the USB-port of the **nextGeneration II**) via **Akkusoft** as well as installing a firmware update then you have to install the USB driver on your PC first (available on our **Homepage in section C4: schulze-next-II-64bit.inf**).

31.1.1 Windows operating systems initially ask the user at the moment when you have connected the USB-port of a charger (or USB-adapter) with the USB-slot on your computer where to find the fitting driver (for the **nextGeneration II** it is the **schulze-next-II-64bit.inf** file). Set the desired file-path to the downloaded file.

If you had aborted the hardware installation assistant you can start it again by a right-click on MyComputer ("Arbeitsplatz" in german) -> Properties, -> Hardware, -> Device Manager, -> Other devices, -> **Schulze nextGenerationII** then right click on -> update driver and start again (or similar text).

It is not necessary that the charger is connected to any power supply - it is powered via the USB-cable.

31.1.2 When the driver is successfully installed and that you will be able to receive and store battery data with a normal terminal program or an elder version of the **Akkusoft** - then you have to look on which COM port the operating system has installed your USB-device (see **chapter 31.1.3**). The latest **Akkusoft** offers in the **connection -> property -> connect with** menu very comfortable to make a selection on "**Schulze nextGenerationII**", so that it is not necessary to perform **chapter 31.1.3**.

31.1.3 On Windows XP you can establish the number of the COM port occupied by the driver by right-clicking on the workplace symbol of your PC; click or double-click on Properties, Hardware, Device Manager, Ports (COM and LPT). You will find a COM port with the name "**Schulze nextGenerationII**". Windows normally installs the device on "COM3" or higher.

Important note:

This connection is only displayed when the charger or our USB-adapter is connected to the USB port of the PC!

Also important:

If you use more than one **nextGenerationII** then the driver will install for each **nextGenerationII** charger an additional USB port number.

PS: These proceedings are not specific for the **Akkusoft** or any connected charger, but is specific for installing a driver on the Windows operating system.

31.2 Setting the COM port e.g. in the "Akkusoft" analysis program.

31.2.1 Open **Akkusoft**. Open the pull-down menu entitled "Connection", then click on "Properties". Select the port identified under **section 31.1.2 / 31.1.3**, then click on OK.

31.2.2 Checking the function of the COM interface (in the Akkusoft analysis program).

- Click on "Info", then on "Online Info". An information window opens, displaying the communication between the charger and the PC.
- Now connect the charger to the power supply, or – if you have already done that – connect a battery to the charger.
- The interface data appears in the "Online Data" window mentioned above.

31.3 Firmware update

When this test (**section 31.2.3**) was successful then you also can upgrade the firmware via this USB-Link. Click on "Tools" and then "FirmwareUpdate".

But first you have to select the fitting file type for the **nextGeneration II** (file ending **.nx2**). Follow the instructions on the update-screens.

Note: Contrary to chapter 31.1.1 it is not(!) allowed with the firmware update that the charger is connected to any power supply - it must be exclusively powered via the USB-cable.