

Instructions

Updating the firmware of the Phoenix USB Micro V2 Interface



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Important notice:

Please follow the instructions **exactly** in this document. If an error occurs during the flash process or the connection to the interfaces is disconnected too early, your interface may not work anymore and you will have to send it to us.

Please contact us for that very rare case before by email:

support@phoenix-showcontroller.de

Precondition:

1. **Windows 32 Bit (!) operating system (native – not virtual)**
2. **USB 2.0 port (no USB HUB in between – direct PC connection)**
3. **Installed Phoenix USB Micro V2 driver:**

If not already done by a previous Phoenix installation, you can download the “All-In-One” driver installation package alternatively here:

<http://www.phoenix-showcontroller.de/download/151>

Note:

The firmware update does not need to be applied on the PC where it will be operating later. The PC only needs to fulfill the requirements above.

After the firmware update: **Current** (!) Phoenix4 installation (at least **Phoenix4 Live 4.20 or higher**) :

<http://www.phoenix-showcontroller.de/en/support-en/updates-downloads/>

More information about the backup of your data before a reinstallation (if necessary) is available here:

<http://www.phoenix-showcontroller.de/en/2011/10/phoenix-3-premium-to-phoenix4-update/>

Information for a correct reinstallation of Phoenix is explained in this short video tutorial:

http://phoenix-showcontroller.de/tutorials/eng/installing_software.html

Disconnect the USB connection and connect the USB connection again with the PC shortly before you start the flash process of the interface.

Run the update directly at a USB 2.0 port. Do not use a USB HUB.

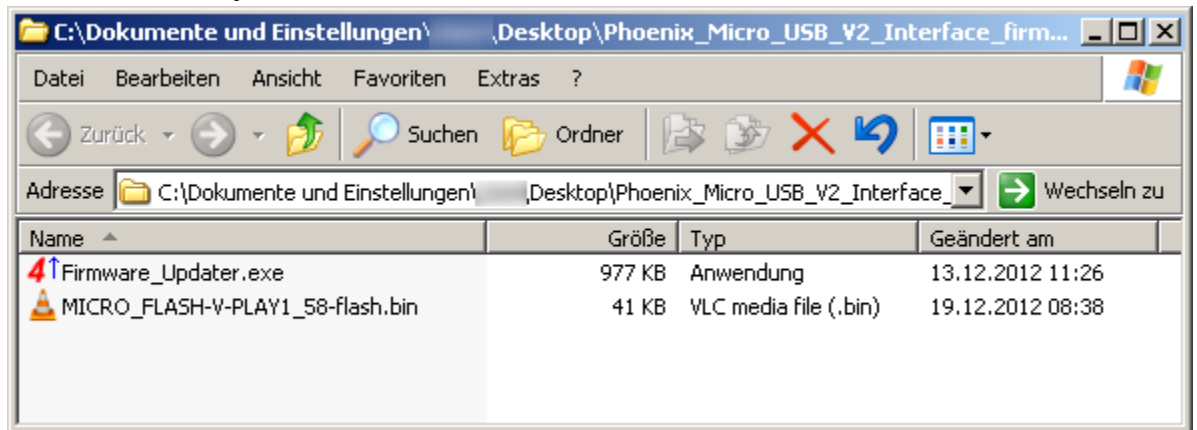
Make sure that the 2GB (!) MicroSD card is inserted into the interface and remains. Without the MicroSD card interface does not start.

Use a high quality USB cable.

Do not perform the update on a virtualized PC and / or on Mac hardware. Use a real PC with Windows XP, Vista or Windows 7.

Workflow for flashing:

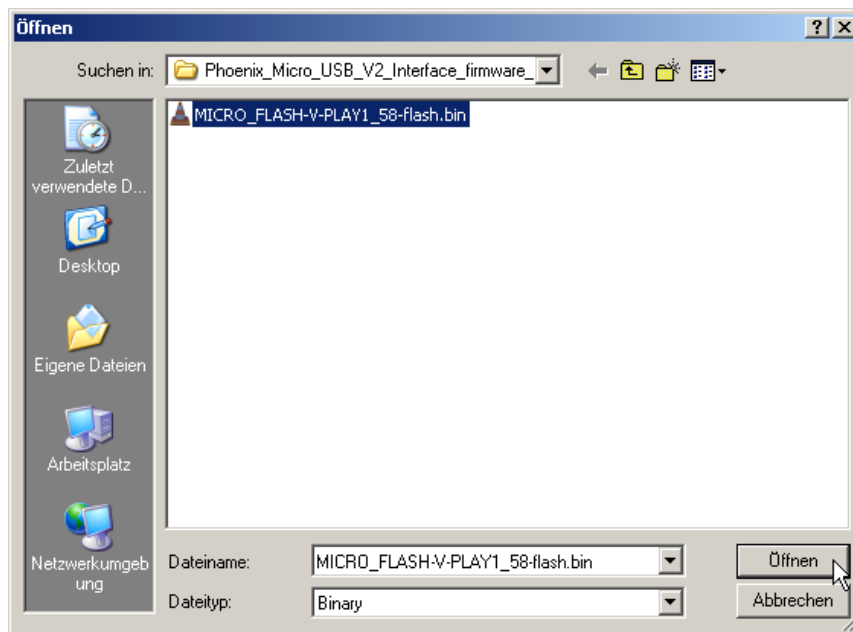
1. Connect the USB cable with the PC and with **one (!)** Phoenix Micro V2 Interface. (No other Phoenix software should be running !!)
2. Execute the file „Firmware_Updater.exe“ that is included in the downloaded and extracted directory.



3. Click on the „Load Flashfile“ button.



4. Select the file „MICRO_FLASH-VX _XX-flash.bin“ from the extracted directory.



5. Now you see the numeric bytes counting up and stopping after a while. Now wait until the firmware updater window **closes by itself automatically**. **Do not** close the window manually. Please be patient.



6. Disconnect the USB connection of the interface and the PC after the firmware updater windows has closed.
7. Reconnect the Phoenix Micro USB V2 Interface by USB with the PC after a second.

8. Double-Click on the „Phoenix Showcontroller“ desktop icon,



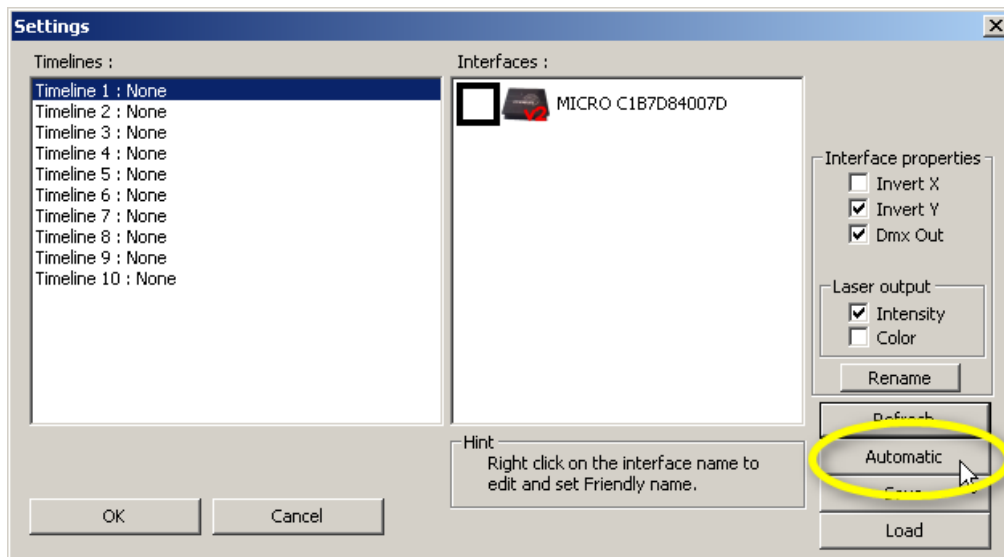
9. At the Phoenix program launcher click on Phoenix4 „Live“.



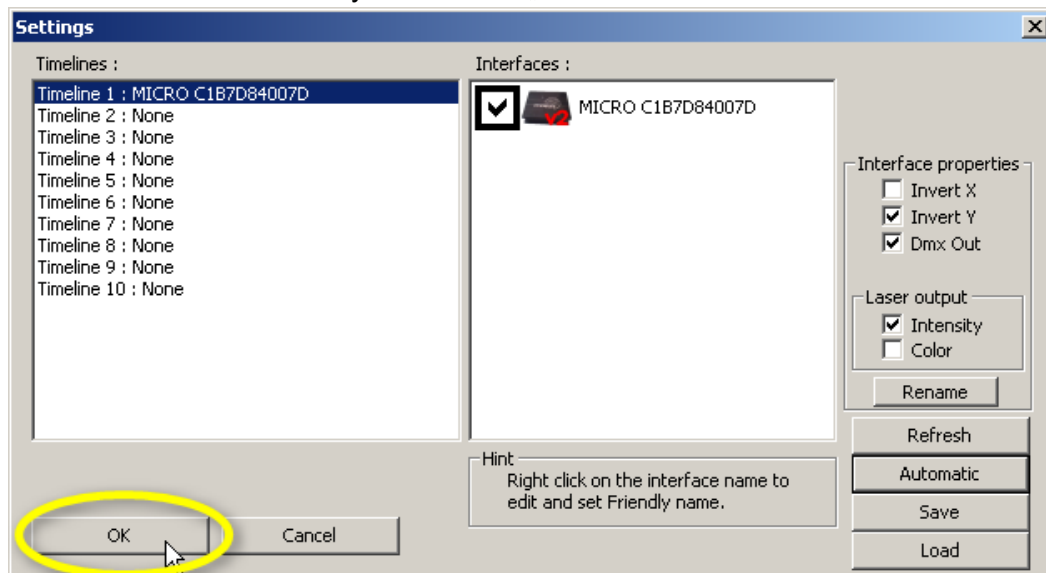
10. If a windows is opened for the hardware configuration, agree to that demand by clicking on the „Yes/Ja“ button.



11. At the „Settings“ window click on the „Automatic“ button. The checkbox in front of the interface is ticked.



12. After that close the window by click on the „OK“ button.



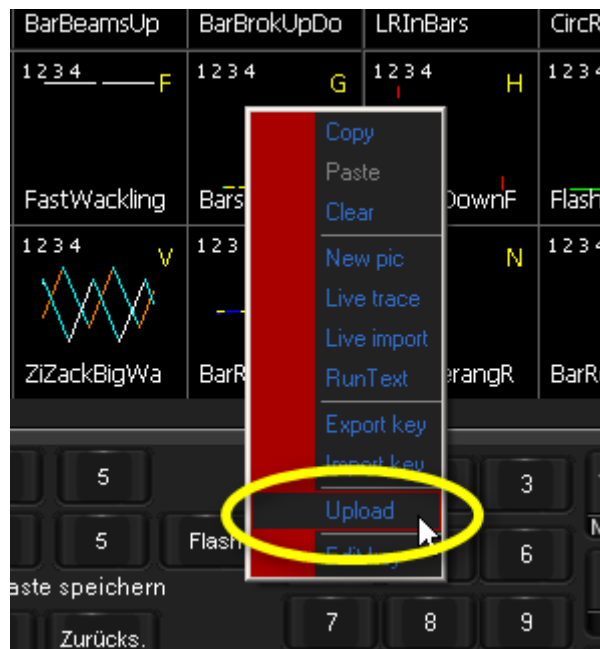
13. Phoenix4 Live 4.16 opens.

Important: Switch on the laser output. If the Laser is not switched on, the uploader function will not work.

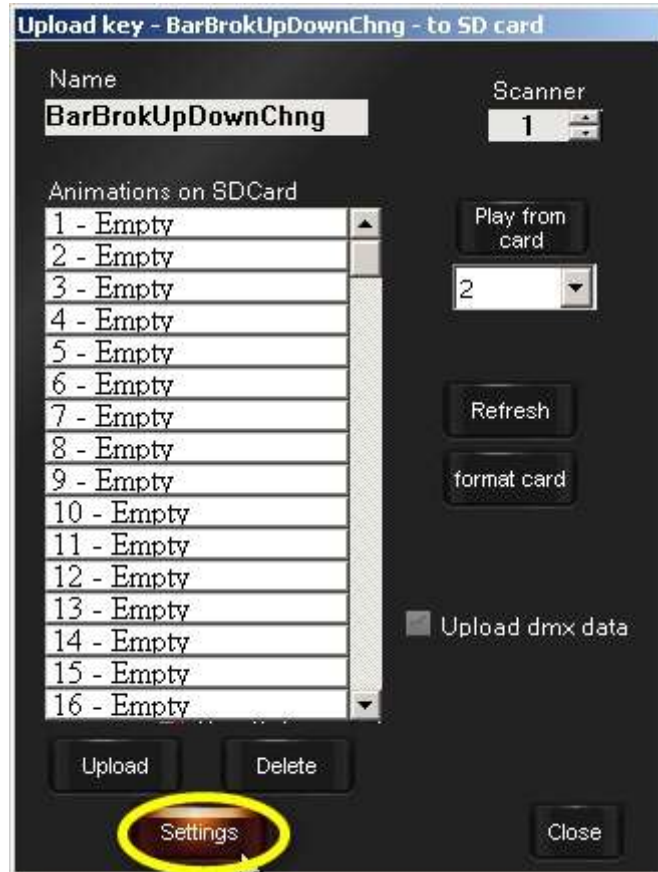


14. To open the uploader click on one of the animation tile with the right mouse button.

15. Chose „Upload“ from the context menu.

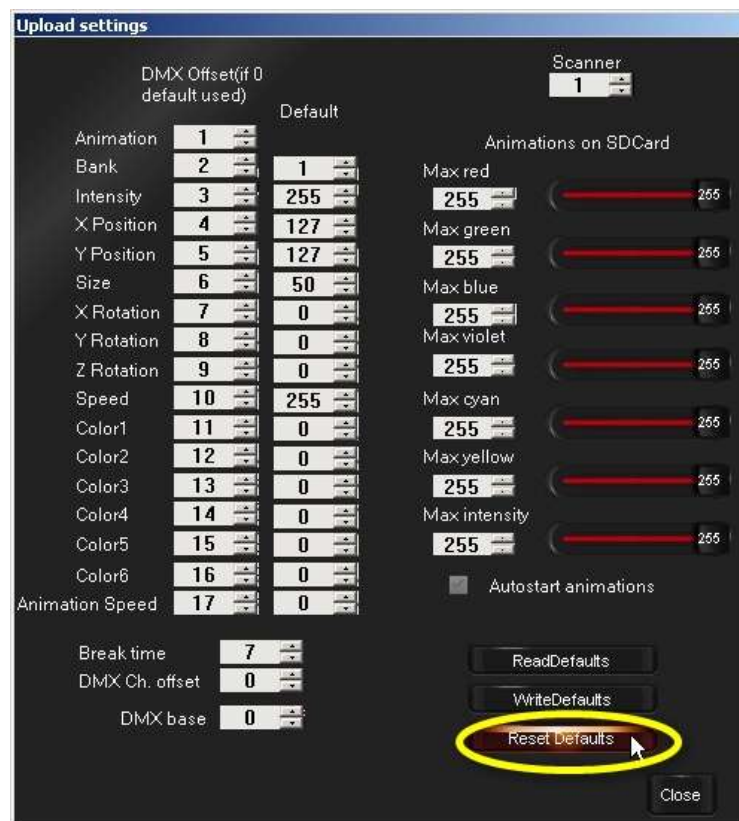


16. Click on the „Settings“ button.

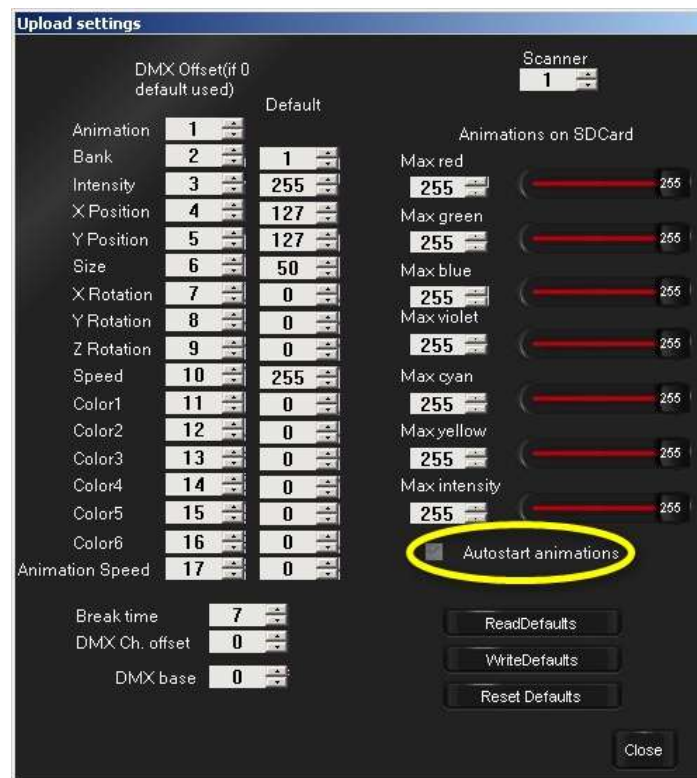


17. The window of the „Upload Settings“ is opened.

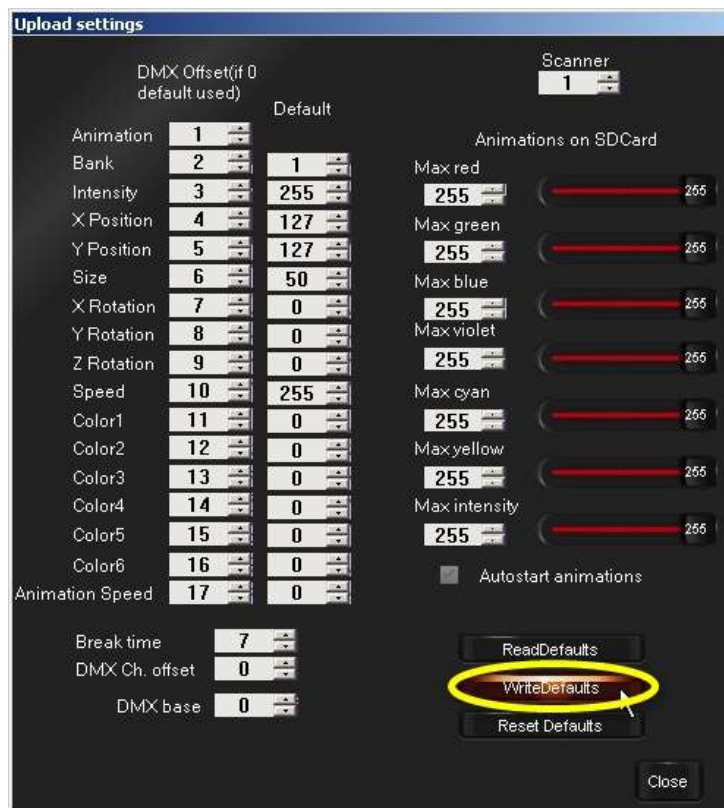
18. Click on the „ResetDefaults“ button.



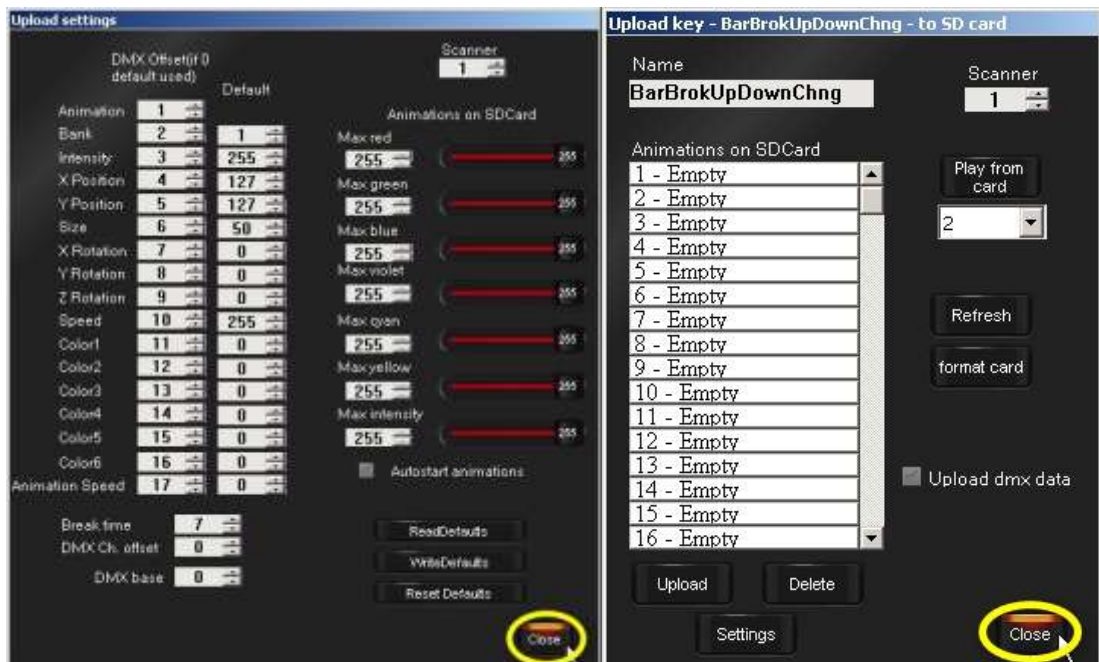
19. Remove the tick at „Autostart animations“.



20. Please click on the „WriteDefaults“ button to set the default settings correctly for the use as Stand-alone-player.



21. Close the „Upload Settings“ at the „Close“ button. Do the same for the „Upload Key [...]“ window.



22. Now you can upload the animation to the interface. Please get the information about uploading files to the memory card of the interface, as well as the usage (!), at the current Phoenix4 Live and Phoenix Micro USB V2 manual. This can be downloaded at the website:

<http://www.phoenix-showcontroller.de/en/support-en/manuals/>