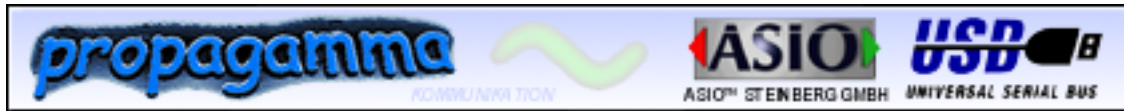# USB-ASIO V2.0 driver's guide (Win)
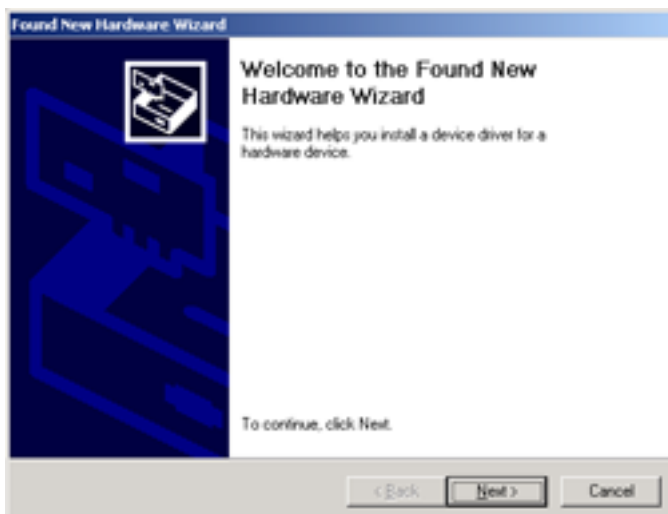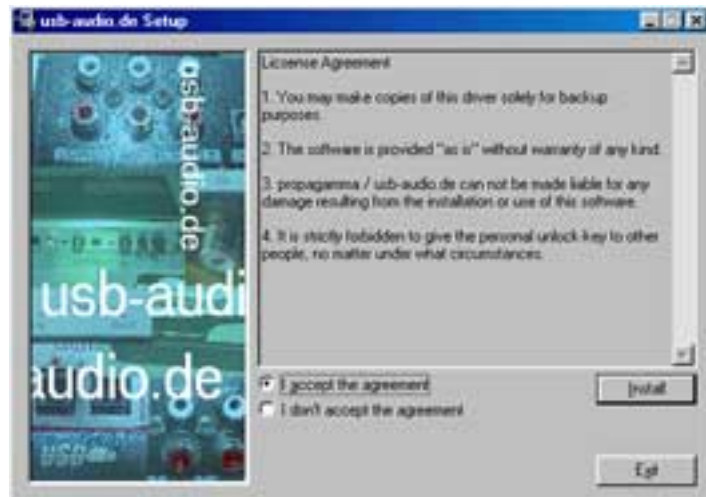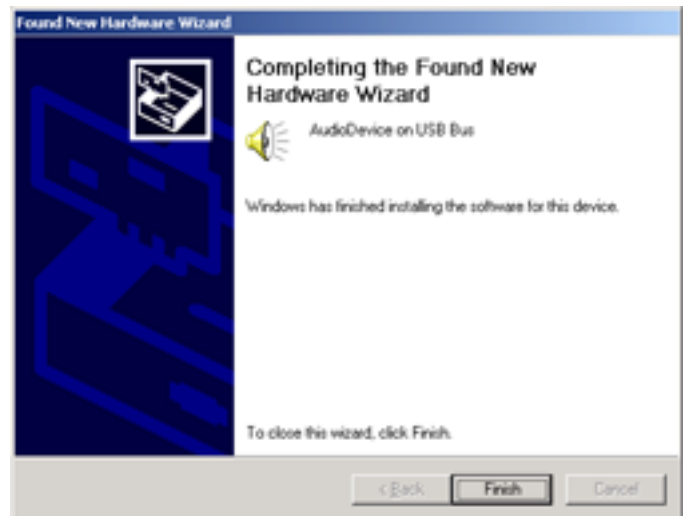
1. Installation

For unzipping you need WinZip: e.g. http://www.winzip.com

1. Unzip "usb_asio.zip".

2. Copy all the unzipped files to a
   folder at your harddisk. Name it
   whatever you like.
   Do not move or delete any of
   these files, not even after the
   installation.

3. Run "setup.exe"

4. Agree to our terms of license. :-)

5. If there's already a driver for
   your USB Audio device installed, you will be prompted for uninstallation of the earlier ones.
   It should be safe to let "setup.exe" do the job.

6. After completion of the setup reboot the computer.

7. Win 98/SE/ME/2000: on the next
   start you might be asked to insert
   your Windows® CD and you might
   have to follow the "Found New
   Hardware Wizard". See Step 10 for
   Win XP.

8. In order to complete the
   installation reboot again.

Install Hardware Device Drivers
A device driver is a software program that enables a hardware device to work with an operating system.

This wizard will complete the installation for this device:

AudioDevice on USB Bus

A device driver is a software program that makes a hardware device work. Windows needs driver files for your new device. To locate driver files and complete the installation click Next.

What do you want the wizard to do?
- ○ Search for a suitable driver for my device (recommended)
- ○ Display a list of the known drivers for this device so that I can choose a specific driver

< Back | Next > | Cancel

Locate Driver Files
Where do you want Windows to search for driver files?

Search for driver files for the following hardware device:

AudioDevice on USB Bus

The wizard searches for suitable drivers in its driver database on your computer and in any of the following optional search locations that you specify.

To start the search, click Next. If you are searching on a floppy disk or CD-ROM drive, insert the floppy disk or CD before clicking Next.

Optional search locations:
- ☐ Floppy disk drives
- ☐ CD-ROM drives
- ☐ Specify a location
- ☐ Microsoft Windows Update

< Back | Next > | Cancel

Driver Files Search Results
The wizard has finished searching for driver files for your hardware device.

The wizard found a driver for the following device:

AudioDevice on USB Bus

Windows found a driver for this device. To install the driver Windows found, click Next.

c:\winnt\inf\pgusbmme.inf

< Back | Next > | Cancel

Completing the Found New Hardware Wizard

AudioDevice on USB Bus

Windows has finished installing the software for this device.

To close this wizard, click Finish.

< Back | Finish | Cancel

9. On Windows 2000 (and XP) ® there might be a "Digital Signature Not Found" message. You can safely ignore it and click "Yes".

Digital Signature Not Found

The Microsoft digital signature affirms that software has been tested with Windows and that the software has not been altered since it was tested.

The software you are about to install does not contain a Microsoft digital signature. Therefore, there is no guarantee that this software works correctly with Windows.

AudioDevice on USB Bus

If you want to search for Microsoft digitally signed software, visit the Windows Update Web site at http://windowsupdate.microsoft.com to see if one is available.

Do you want to continue the installation?

Yes | No | More Info

Hardware Installation

The software you are installing for this hardware:

AudioDevice on USB Bus

has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)

Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.

Continue Anyway | STOP Installation

10. After running "setup.exe" and rebooting on Win XP ® unfortunately the native USB audio driver is installed again automatically while the interface is plugged. We're currently working on an installer that workarounds this. Meanwhile installation is a little bit tricky on Windows XP:


As a first step open the system control panel and select "driver signature" from the menue.
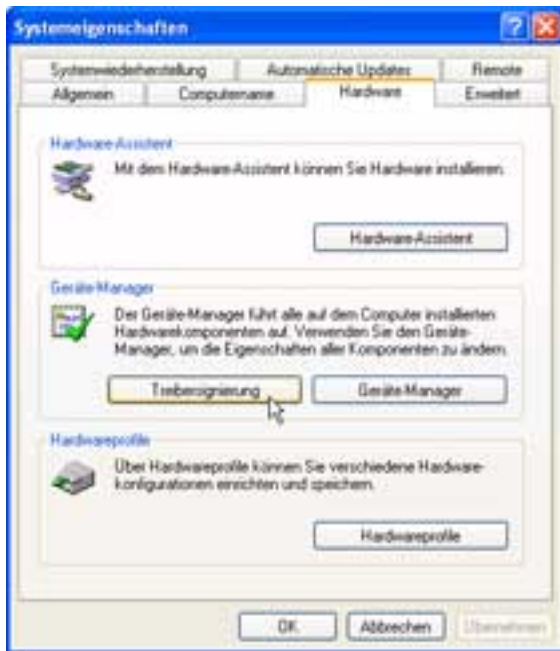
11. Select "Ignore" for driver signature options. (You can switch it back at any time after the installation.)

12. Make sure that the USB audio device is connected.

13. After this click on the "device manager". Update the driver for the USB audio box (usually it's a composite device) and chose "list".
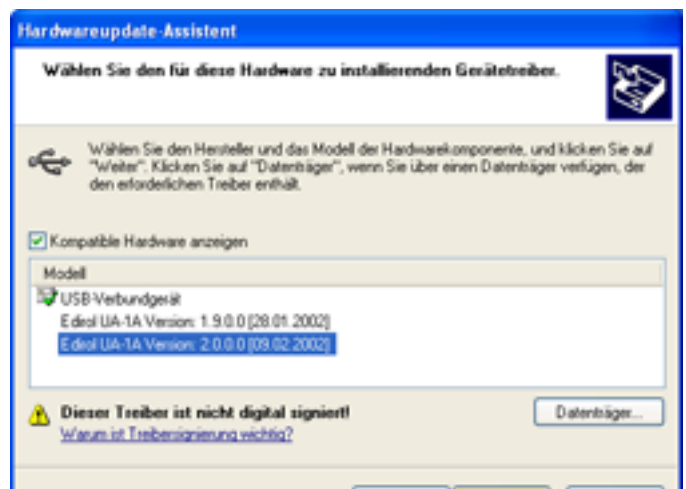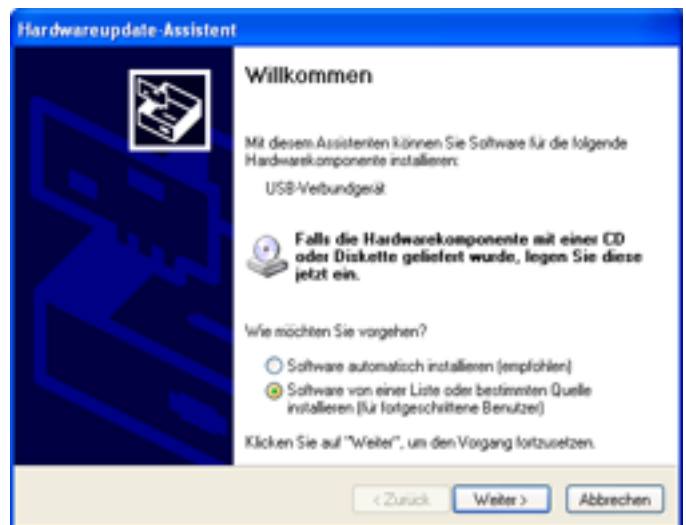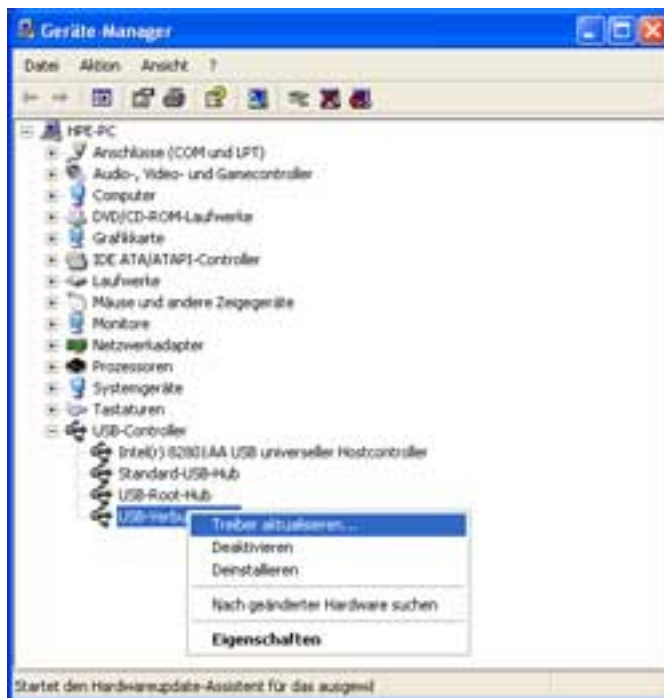
14. Two drivers will be installed now: The USB part of the USB ASIO driver and support for the MME connection.

15. On completion it's ready for use – have fun and do some good music with it!

2. Choose bit-depth and sample resolution

Enter the control panel via the button in your application's ASIO settings.

The devices pane allows to selectthe bitrate used for the USB connection. Some devices only support 16bit.

"Recording resolution" is the bitrate used for the ASIO connection.

If it's different from the first one sound quality can be increased by adding "dither". (Dither is noise added to the bits that have to be cut off. So the noise isn't audible but changes the "arithmetical carry" on rounding the last bit to be used.)

"System performance" changes buffersizes and latencies. Higher values allow the use of more plugins, effects etc. at the same time but aren't fun playing virtual instruments live.

Some functions are for future use and disabled – don't worry about that.

3. Get updates

New versions will be available from the USB audio interface manufacturer's website.
There should also be a link to get help on support issues.

4. Uninstall

Uninstallment works (like with any other Windows® software) via the system control panel. After the driver's are removed you're prompted to restart your computer.

On the next start the driver installation procedure starts again like if you plugged your device for the first time.