CINERGY⅄ USB XS

Hardware and driver installation

English manual

Version: 3/2/2006

CE Declaration

We:

TerraTec Electronic GmbH, Herrenpfad 38, D-41334 Nettetal, Germany

hereby declare that the product:

- TerraTec Cinergy A USB XS

to which this declaration refers is in compliance with the following standards or standardizing documents:

1. EN 55022 Class B

2. EN 55024.

The following are the stipulated operating and environmental conditions for said compliance:

residential, business and commercial environments and small-company environments.

This declaration is based on:

Test report(s) of the EMC testing laboratory

Contents

Welcome!

We're pleased that you have chosen a TerraTec ReceiverSystem and would like to congratulate you on this decision. With the TerraTec Cinergy A USB XS, you've purchased a sophisticated product representing the state of the art of PC/TV technology. We're convinced that our product will prove extremely useful to you and provide you with a great deal of entertainment, both at home and on the road. Before we go into detail, here's a foretaste of what you can expect:

Analog TV to go.

Mobile, convenient and easy to connect: with the Cinergy A USB XS, you can use your computer as a TV, wherever and whenever you want. Only a few a minutes of preparation are needed until you see your first picture with the usual TV quality and stereo sound—no hardware skills are required. Just plug the Cinergy A USB XS into an available USB 2.0 port of your PC or notebook, connect either the analog TV cable (for cable TV or house antenna) or your satellite receiver to the analog inputs of the Cinergy A USB XS and install the provided software. Done! You can now take advantage of all the benefits of a state-of-the-art TV card, such as perfect picture quality, time shifting TV programs, digital video recorder and teletext.

One revolutionary example is called time shifting, which allows you to pause the program at any point and continue watching it later. Just press the corresponding button if the phone rings or if you feel like taking a break. From that point on, the program is stored on your hard drive until you resume watching. Never wait for another commercial break—now the show waits for you!

The perfect solution for all series fans or movie collectors is the built-in digital video recorder. Program a recording or simply press record while the program is underway—the program is saved to your hard drive in DVD format (MPEG 2). Now you can quickly edit out the commercials from your recording and burn the final product to DVD—all in one convenient working interface. It's just as easy to connect a video recorder or DVD player to the audio and video inputs (composite, S-Video, stereo audio) of the Cinergy A USB XS. This allows you to digitize, for example, your old family videos or create a fully legal backup copy of your newly purchased DVD movie.

The ArcSoft TotalMedia 2 software included in the package has even more capabilities: as you would expect of a full-fledged media center, you can listen to music, play videos and DVDs, or browse through your picture collection and create a slide show. The remote control included in the package provides the level of living room convenience you are familiar with. By the way: not only can you use it to change channels conveniently, but also to control a wide variety of multimedia applications on your computer.

Thanks for your attention—enjoy!

...your TerraTec Team

Key features.

• Analog TV on desktop and laptop computers

- Timer-controlled recording and time shifting

- Teletext

- Power supply via USB

- USB 2.0 high-speed interface, 480 Mbps

- Infrared remote control

- Digital video recorder with complete MPEG2 support

- Analog video inputs via: S-Video, composite

- Stereo audio input

- Full-fledged media software with integrated functions for editing and burning recordings from TV

- 2 years warranty

System requirements.

- Intel Pentium 4 / AMD Athlon XP 2GHz CPU or higher or Centrino-certified laptop

- 512 MB RAM

- 1 free USB 2.0 interface

- Audio hardware with DirectX support

- CD-R/DVD-R drive to create video CDs/DVDs

- Graphics card with DirectDraw drivers and video overlay support

- Analog TV reception via cable or roof antenna

- Windows XP with ServicePack 2

Scope of delivery.

- TerraTec Cinergy A USB XS

- USB 2.0 extension cable (0.3m)

- Antenna adapter cable

- Multi-connector cable with video/audio/infrared remote control inputs

- Infrared remote control including batteries

- Installation & software CD-ROM

- Online manual (on CD-ROM)

- Service request form

- Registration documents

- Quick Setup Guide

The hardware at a glance.

The hardware and connections of the Cinergy A USB XS.
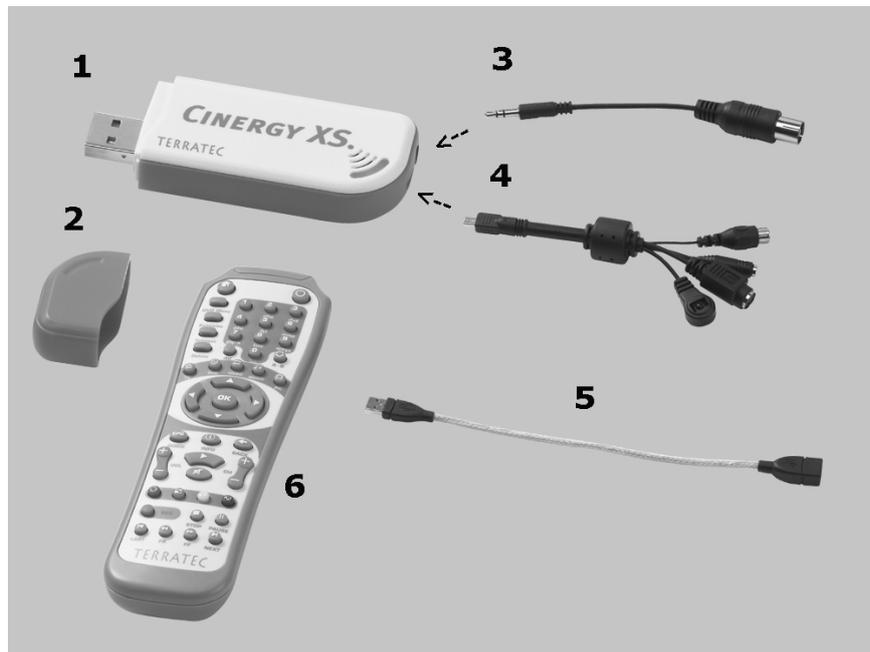
1. USB 2.0 connector

2. Protective cap for USB plug

3. Antenna adapter cable

4. Multi-connector cable

5. USB extension

6. Remote control

USB 2.0 connector

Just plug the Cinergy A USB XS into the USB2.0 port on your notebook or PC. Of course, you can also make the connection using the USB extension provided.

TV antenna input

Connect the provided adapter cable for the antenna (3) to the Cinergy A USB XS. You can connect your roof or set-top antenna directly to the other end.

Multi-connector cable with video/audio/infrared remote control inputs

The multi-connector cable is required for composite or S-Video connections to video sources such as VCRs, DVD players, SAT receivers or camcorders. The remote control receiver is also on the multi-connector cable. This means: no multi-connector cable, no remote control! The built-in Infrared receiver is used for communication with the remote control. For more information on the remote control and its software, please refer to the documentation (AutoStart → Documentation → Software).

Setting up the hardware and installing drivers.

The following sections describe how to connect your Cinergy A USB XS to your computer and install the drivers.

Connecting to the USB 2.0 port.

1. Boot your computer and wait until the operating system has loaded completely. Just plug the Cinergy A USB XS into the USB2.0 port on your notebook or PC. Of course, you can also make the connection using the USB extension provided.

2. Please continue with the driver installation.

Installing the drivers in Windows XP (Service Pack 2 or higher)

Once you have connected the Cinergy A USB XS to a USB 2.0 port on your PC, a message bubble over the system tray will tell you that Windows has found new hardware—the Cinergy A USB XS. The Windows setup wizard will now appear.

Now place the TerraTec Cinergy A USB XS Installation & Software CD into your CD-ROM drive. When the dialog asks if you want to connect to Windows Update, select "No, not this time". In the next step, select "Install the software automatically (recommended)" and click "Next" to install the drivers.

Once the setup wizard has found the drivers on the installation & software CD-ROM, Windows will display a message indicating that the drivers have not passed the Windows logo test. It is safe to ignore this information and continue the installation by clicking "Continue anyway".

Click "Finish" to complete the installation once the driver files have been copied.

Windows will now display another message bubble to indicate that the Cinergy A USB XS has been installed successfully.

The installation was completed successfully.

To be sure, open the Device Manager (Start → Control Panel → System → Hardware tab → Device Manager) and expand the "Sound, video and game controllers" entry. If the "Cinergy A USB XS" is not marked with a yellow exclamation point, then the installation was successful. You should also find a USB audio device here.

Remote control – inserting the batteries.

Improper battery use can destroy the remote control unit. Please observe the following instructions:

- Never mix old and new batteries.
- Insert the batteries as indicated by the polarity markings in the battery compartment.

Please observe your local laws and environmental regulations when disposing of used batteries.

Installing the ArcSoft TotalMedia2 application

On the installation CD, select your language and simply install "TotalMedia 2" (AutoStart → English → TotalMedia). Follow the instructions on the screen until the installation wizard has Finished the installation.

Note: the Cinergy A USB XS must be installed and connected to the PC during the installation.

After starting the software, you can start an automatic channel scan by clicking "Settings" in the "TV" submenu. To do so, go to the "Scan/Edit Channel List" and click "Start" to start the channel scan. When all channels have been found, click "Save" to save the channel list. You can now (after returning to the main menu) select "TV" to enjoy television at your computer. For help with the powerful program TotalMedia 2, press "F1" while the application is running.

Installing Remote Control Editor

For the remote control to work, you need to install Remote Control Editor from the installation CD. This software allows you to conveniently control both TotalMedia 2 and a wide variety of other software solutions using the remote control.

Open the installation routine (AutoStart → English → Remote Control Editor) and follow the instructions on the screen. After successful installation, a small remote control icon appears in your taskbar. By clicking the icon, you can change the sequence of programs to be operated and even adjust the command sets for individual applications (a good way to confuse your partner is to simply exchange Start and Stop ☺). You can configure additional settings of the OSD menu under "Options". Don't hesitate to experiment—almost every imaginable configuration is possible.

Capturing analog video sources

To capture an analog video source, go to the "Video" main menu. Select the menu item "Capture". Brief instructions appear that you can skip by clicking "Next". The main capture menu appears next. You can define the length of the capture and its file name. However, you need to configure the input source before recording. All the important details for a capture are listed under the "Capture Settings" menu item. You can click the "Auto Detect Video Signal" button

to have the signal detected automatically or configure the settings manually. Click **"Save"** to return to the Capture menu, where you can now start your recording.

Appendix A – Frequently asked questions (FAQ).

The FAQ can be accessed via the autostart menu of the included CD-ROM. If the autostart menu does not open automatically when you insert the software & installation CD, go to the CD-ROM drive and launch the `autorun.exe` file. Select the menu item "FAQ".

Note: The current version of the FAQ is available at
`http://supporten.terratec.net/.`

Appendix B – Technical data.

General information

- USB 2.0 HiSpeed (480 Mbps), USB bus powered

- Driver support: Windows XP (SP2)

- Plug n' Play

- Power supply 5V DC (USB bus powered)

- Power consumption 475mA (USB bus powered)

- Housing color: white/orange

- Dimensions: 80 x 30 x 15 mm

- 2 years warranty

Tuner

- Input frequency range (42MHz – 862 MHz)

- Input impedance: 75 ohms

- Stereo demodulator

Infrared remote control

- 48 buttons

- Battery power (2 AAA cells)

Appendix C – Service at TerraTec.

"Nothing seems to work!" — This can happen even on the best systems. If this happens to you, the TerraTec team is happy to offer its service and support.

Hotline, Internet.

In case of a serious problem—where you can neither solve the problem on your own nor with the guided help found in this manual, nor with the help of your dealer—please contact us directly.

If you have access to the Internet, please check our service and support at **http://supporten.terratec.net/** first. There you'll find the answers to frequently asked questions (FAQ) and a form for e-mail support requests.

If you can't access our website, please check the service request form that came with the product for country-specific helpline numbers with which you can contact our support team.

Regardless of whether you contact us by e-mail or phone, you must have the following information at hand:

- your registration number,

- this documentation.

In addition, it would be helpful to our technicians if the device is within reach during the phone call so that you can carry out our support tips directly. Please do not forget to write down the name of the respective support technician if you contact our Support Team. You will need this name if a defect is present and your device needs to be mailed to us.