

CINERGY^TUSB XS

Hardware and driver installation

English manual

Version: 10/28/2005

CE Declaration

We:

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

hereby declare that the product:

ReceiverSystem TerraTec Cinergy T 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



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Welcome!

We're pleased that you have chosen a TerraTec ReceiverSystem and would like to congratulate you on this decision. With the TerraTec Cinergy T 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:

Digital TV in your pocket.

With the Cinergy T USB XS, you can receive all free digital terrestrial TV broadcasts (DVB-T) on your desktop or laptop PC using the included antenna. The Cinergy T USB XS connects directly to a USB 2.0 port and also draws its power from the port. A separate power adapter or batteries are not required.

Totally digital.

The Cinergy T USB XS receives its signals from an antenna as always. But digital TV has so much more to offer: DVD picture quality, loss-free recording in MPEG-2 format and timeshifting—with which you can simply pause live programs and restart them later where you left off—take you to the TV of the future. Enhance your TV experience with additional tasty features: the electronic program guide delivers up-to-date program information for the coming days and lets you plan your recordings with a single click. All received teletext pages are stored in memory for lightning-fast navigation with your mouse.

We hope you enjoy your Cinergy T USB XS and would like to suggest that you browse this hopefully entertaining manual when you get the chance.

Thanks for your attention—enjoy!

...your TerraTec Team

Key features.

- Digital TV with laptop and desktop PC
- Timer-controlled recording and timeshifting
- EPG support/program information
- Teletext
- Power supply via USB
- USB 2.0 high-speed interface, 480 Mbps
- Digital video recorder with full MPEG2 support
- 2 years warranty

System requirements.

- Intel Pentium 4 / AMD Athlon XP / Centrino-certified laptop / 2GHz CPU or higher
- 512 MB RAM
- 1 free USB 2.0 interface
- Audio hardware with DirectX support
- CD-R/DVD-R drive to create video CDs/DVDs
- AGP or PCIe graphics card with DirectDraw drivers and video overlay support
- Terrestrial digital reception (DVB-T)
- Windows XP with ServicePack 2

Scope of delivery.

- TerraTec Cinergy T USB XS
- USB 2.0 extension cable (0.3 m)
- Antenna adapter cable
- Rod antenna with magnetic base
- Installation & software CD-ROM
- Online manual (on CD-ROM)
- Service request form
- Registration documents

The hardware at a glance.

The hardware and connections of the Cinergy T USB XS.



1. USB 2.0 connector
2. TV Antenna In
3. Antenna adapter cable
4. DVB-T antenna
5. USB extension

USB 2.0 connector

Simply plug the Cinergy T USB XS into a USB 2.0 port on your laptop or desktop PC. Naturally, you can also connect it using the included USB extension.

TV antenna input

Connect the antenna output of the included magnetic-base rod antenna or another DVB-T-compatible antenna system to this input. If you would like to receive DVB-T via your roof antenna, please use the included antenna adapter cable (3).

Setting up the hardware and installing drivers.

The following sections describe how to connect your Cinergy T USB XS to your computer and install the drivers. Connecting the included rod antenna is the final step of the installation.

Connecting to the USB 2.0 port.

1. Boot your computer and wait until the operating system has loaded completely. Simply plug the Cinergy T USB XS into a USB 2.0 port on your laptop or desktop PC. Naturally, you can also connect it using the included USB extension.
2. Please continue with the driver installation.

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

Once you have connected the Cinergy T 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 T USB XS. The Windows setup wizard will now appear.

Insert the TerraTec Cinergy T USB XS installation & software CD-ROM in your CD-ROM drive, select "Install the software automatically [Recommended]" and click "Next".

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 T USB XS has been installed 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 T USB XS" is not marked with a yellow exclamation point, then the installation was successful.

Connecting the magnetic-base rod antenna

Connect the antenna plug of the included magnetic-base rod antenna to the antenna input (2) of the Cinergy T USB XS.

Antenna location. Avoid setting the antenna up near sources of electromagnetic radiation. These include computers, TVs, microwave ovens and similar devices. Avoid the proximity of steel or reinforcing rods. Set the antenna up close to a window, positioning it as high as possible.

Unfortunately, it is not yet possible to receive digital TV signals everywhere using the small rod antenna. It is frequently advisable to use a roof antenna or active outdoor antenna for good reception outside of urban areas.

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://supportde.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 480 mA (USB bus powered)
- Housing color: white/orange
- Dimensions: 80 x 30 x 15 mm
- 2 years warranty

Tuner

- VHF band III K5-K12 (174 MHz - 230 MHz)
- UHF band IV / V K21-K69 (470 MHz - 862 MHz)
- Input impedance: 75 ohms
- COFDM demodulation (QAM16/QAM64)
- PLL synthesizer technology

Appendix C – Service at TerraTec.

"Rien ne va plus—Nothing's working" can happen to 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.