PCTV Analog PCI/Dazzle*TV Hardware

GB

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GB   January 2006

Disposal and Recycling

Do not dispose of electric components in the garbage. Either return defective or unwanted devices to the retailer or take them to an appropriate recycling station!

Table of Contents

Introduction 1

Congratulations on becoming the proud owner of a PCTV Analog PCI/Dazzle*TV!

Starting today, you can use your PCTV Analog PCI/Dazzle*TV to receive broadcasts on your PC TV (via cable or antenna) and FM radio – and everything in stereo. Plus, you can use the analog video input, for example, to digitize your old video cassettes.

Together with the full version of the Pinnacle MediaCenter software, you can use your PCTV Analog PCI/Dazzle*TV to not only enjoy live TV and live radio but also timeshifted television or radio, as well as high quality recordings of shows on your hard drive and writable DVDs.

You also get access to the free information services, teletext and the electronic program guide (EPG). These services let you simply and easily access the information you want at any time, as well as schedule the shows you want to record.

And now have fun with your PCTV Analog PCI/Dazzle*TV!

Package Contents
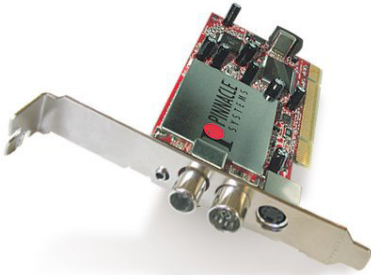
PCTV Analog PCI/Dazzle*TV card

Video adapter

Internal audio cable
(illustration is a sample)

Installation CD

Remote control with batteries and receiver cable
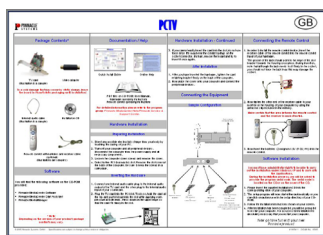(illustrations are samples)

Quick Install Guide

PDF files on CD-ROM: User Manual,
hardware operating instructions,
remote control operating instructions

💡 Depending on the version of your product, package contents may vary.

System Requirements

Your system must satisfy the following requirements in order for your PCTV Analog PCI/Dazzle*TV to function smoothly:

Computer Hardware

Minimum: Pentium IV 1.8 GHz or equivalent AMD Athlon XP
Recommended: Pentium IV 2.4 GHz or equivalent AMD Athlon 64

Working memory
Minimum: 256 MB RAM
Recommended: 512 MB RAM

Hard disk
Minimum: IDE hard disk with master mode drivers and 5 GB free disk space
Recommended: U-DMA hard disk with 20 GB free disk space

Graphics card
Minimum: DirectX 8-compatible graphics card
Recommended: DirectX 9-compatible (or higher) graphics card

Sound card
Minimum: DirectX 9-compatible sound card

Expansion slot
PCI 2.3-compatible expansion slot

CD-ROM / DVD-ROM drive or recorder
Minimum: CD-ROM or DVD-ROM drive
Recommended: CD or DVD recorder

Computer Software

Windows XP (Home Edition, Professional Edition or Media Center Edition 2005) with the latest Service Pack

For Your Own Safety

If you purchased your PCTV Analog PCI/Dazzle*TV together with a PC and it is already installed, skip the following chapters and continue with the chapter "Connecting the Equipment".

In the interest of your own safety and the flawless functioning of your new PCTV Analog PCI/Dazzle*TV and computer system, note the following:

- Computer components are sensitive to static charge. Divert any electrostatic charge from your body before touching the components with your hands or any tools.

- Before opening the computer, make sure that the power plug is disconnected from the wall outlet.

Hardware Installation

Preparing Installation

The only tool you need for the installation is a screwdriver.

- Divert any possible electrostatic charge from your body by touching the casing of your PC.

- Turn off your computer and all peripheral devices. Disconnect the computer from the power supply and all necessary components.

- Loosen the computer cover screws and remove the cover.

- Select a free PCI (busmaster) slot. Remove the slot cover at the back of the computer. Be sure to keep the screws in a safe place.

Using PCTV Analog PCI/Dazzle*TV Hardware

- Connect one internal audio cable plug to the internal audio output terminal of the PCTV Analog PCI/Dazzle*TV card and the other plug to the internal audio input terminal of your sound card.

- Plug the card into the PCI slot. To do so, hold the card at the top and push it down into the slot while applying even pressure at both ends. Press down on the upper edge so that the card fits firmly in the slot.
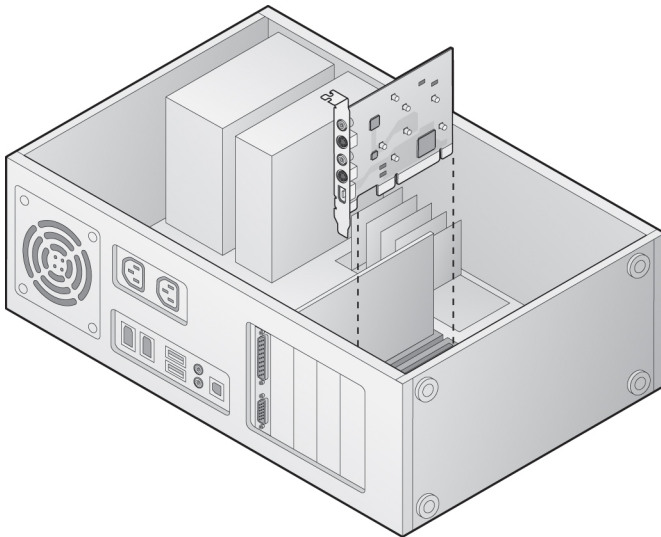
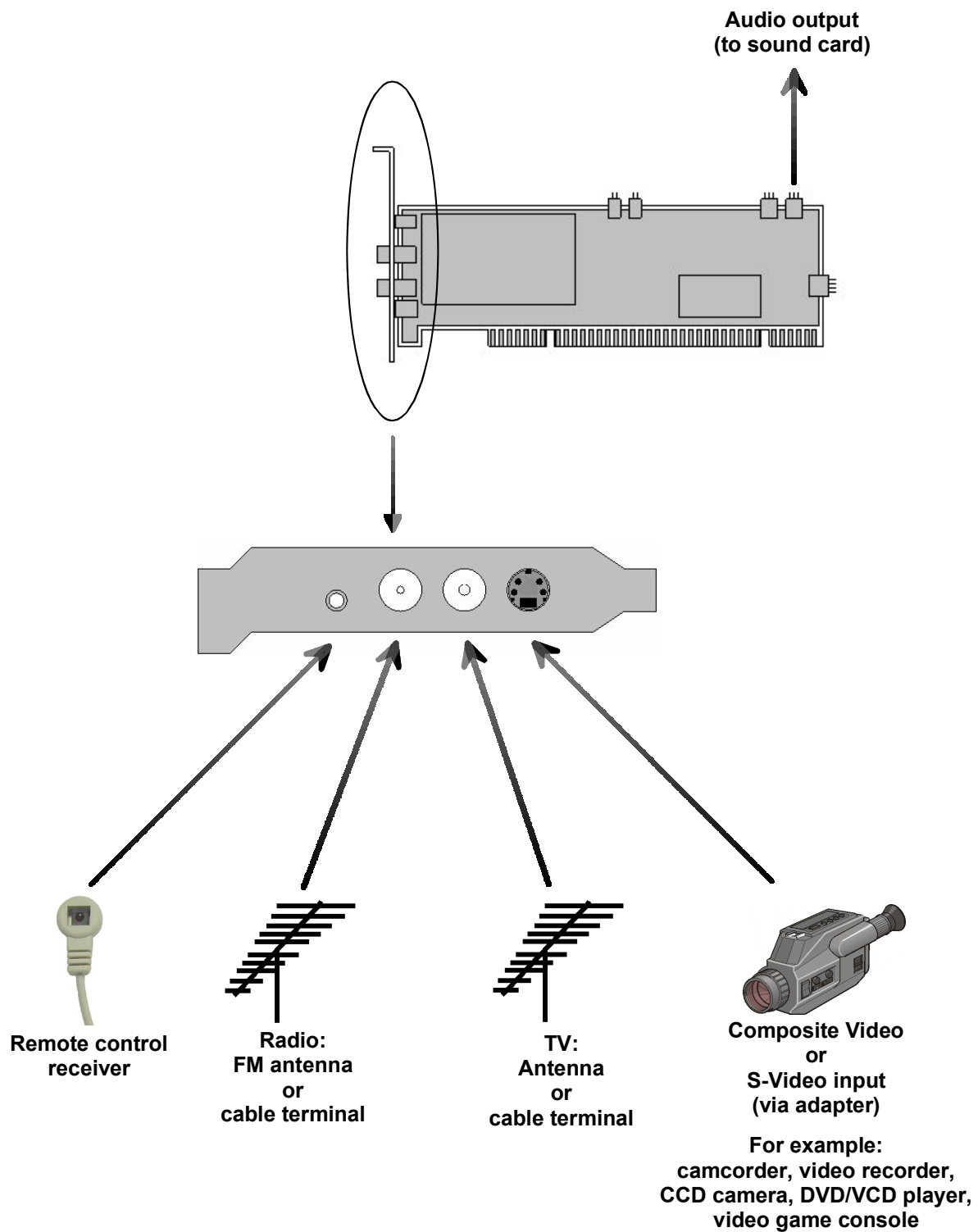- If you cannot easily insert the card into the slot, do not use force since this may bend the contact springs on the socket connector. Instead, remove the card and try to insert it again.

After Installation

- After you have inserted the hardware, tighten the card retaining bracket firmly on the back of the computer.

- Now place the cover onto your computer and connect the peripheral devices.

Connecting the Equipment

**Audio output
(to sound card)**

**Remote control
receiver**

**Radio:
FM antenna
or
cable terminal**

**TV:
Antenna
or
cable terminal**

**Composite Video
or
S-Video input
(via adapter)**

**For example:
camcorder, video recorder,
CCD camera, DVD/VCD player,
video game console**

Technical Data

Bus System

- PCI Rev. 2.3

Video Decoder / Demodulator

- Philips SAA7131

TV Tuner

- Philips TDA 8275A
  The frequency range is 45.75 to 863.25 MHz.

TV Formats

- PAL / SECAM / NTSC

Video Input

- Mini-DIN 4-pole for S-Video or Composite Video (Cinch, via adapter)

Antenna Input Terminals

- 75 Ohm IEC radio (optional F-connector adapter)
- 75 Ohm IEC TV (optional F-connector adapter)

Remote Input Terminal

- Remote input terminal for connecting the optional receiver cable included in the package

Audio Output Terminal

- Internal audio output terminal (to the sound card) via a 4-pole connector, 2.54 mm pitch:
  1. Left
  2. Ground
  3. Ground
  4. Right

CE
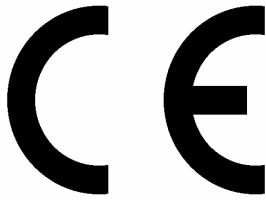
Konformitätserklärung nach ISO/IEC Guide 22

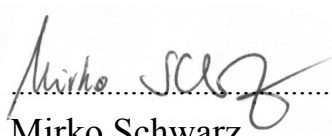*Declaration of conformity in accordance with ISO/IEC Guide 22*

Nr. / No 1.00

Anbieter / *Supplier* : **Pinnacle Systems GmbH**

Anschrift / *Address* : Frankfurter Strasse 3c
38122 Braunschweig, Germany

Produkt / *Product* : **PCTV 110i**

Das oben beschriebene Produkt ist konform mit: / *The product described above is in conformity with:*

Dokument-Nr. *Document No.*	Titel *Title*
EN 55013 : 2002	Funkstöreigenschaften von Rundfunkempfängern und verwandten Geräten der Unterhaltungselektronik *Limits and methods of measurement of radio disturbance characteristics of broadcast receivers and associated equipment*
EN 55020 : 2003	Störfestigkeit von Rundfunkempfängern und verwandten Geräten der Unterhaltungselektronik *Electromagnetic immunity of broadcast receivers and associated equipment*
EN 61000-4-2 : 2001	Störfestigkeit gegen Entladung statischer Elektrizität *Electrostatic discharge immunity test*
EN 61000-4-3 : 2001	Störfestigkeit gegen hochfrequente elektromagnetische Felder *Radiated, radio-frequency, electromagnetic field immunity test*
EN 61000-4-4 : 2002	Störfestigkeit gegen schnelle transiente elektrische Störgrößen/BURST *Electrical fast transient/burst immunity test*
EN 61000-3-2 : 2001	Grenzwerte für Oberschwingungsströme *Limitations for harmonic currents*
EN 61000-3-3 : 2002	Grenzwerte für Spannungsschwankungen und Flicker *Limitations of voltage fluctuations and flicker*
EN 60950 : 2001	Sicherheit von Einrichtungen der Informationstechnik *Safety of information technology equipment*

Dieser Erklärung liegt zugrunde: Prüfbericht(e) des EMV-Prüflabors
This certification is based on: Test report(s) generated by EMI-test laboratory

Braunschweig, 26. April 2005 / *April 26th, 2005*

Mirko Schwarz

Hardwareentwicklung
Hardware Engineering

p.pa. Oliver Hellmold

Finanzdirektor / *Director Finance*
(Rechtsverbindliche Unterschrift / *Legally Binding*)