

WinTV-NOVA-s pci Quick Installation Guide

Hauppauge Computer Works, Ltd
6-10 Bank Chambers
Borough High Street
London, U.K. SE1 9QQ

Telephone: (+44) 207-378-1997
Fax: (+44) 207-357-9171
Tech Support: (+44) 207-378-0202

Hauppauge Computer Works, Inc
91 Cabot Ct.
Hauppauge, NY 11787 USA

Telephone: (+1) 631-434-1600
Fax: (+1) 631-434-3198
Tech Support: (+1) 631-434-3197

Hauppauge Digital Asia, Pte. Ltd.
Blk 1093, Lower Delta Road #04-05
Tiong Bahru Industrial Estate
Singapore 169204

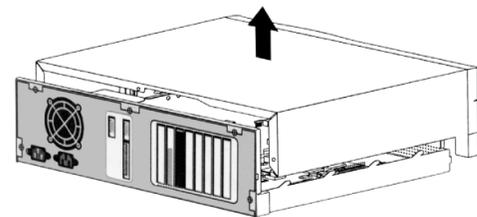
Telephone: (+65) 276-9163
Fax: (+65) 276-9167
Tech Support: (+65) 276-4412

Installation Overview

To install **WinTV-NOVA-s** under Windows XP, Windows98, WindowsMe or Windows2000, follow these steps:

1. Prepare the computer and insert the **WinTV-NOVA-s board**
2. Plug your satellite cable into the **WinTV-NOVA-s LNB Connector**.
3. Start your PC and install the drivers from the supplied **WinTV-NOVA-s Installation CD-ROM**
4. After the **WinTV-NOVA-s** driver is installed, install the **WinTV-NOVA-s application software** from the **Installation CD-ROM**.

Step 1: Install the WinTV-NOVA-s board



To install, switch off the computer.

Remove the computer cover.

The manufacturer of your PC supplies instructions on removing the PC cover.

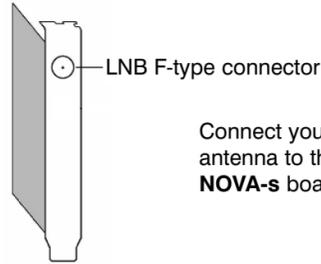
Locate a free PCI slot (a short white slot).

Unscrew and remove the metal cover plate which covers the back of the empty slot.

Plug the WinTV-NOVA-s board into the PCI slot, and screw the WinTV-NOVA-s metal cover plate to the PC.

Replace the computer cover.

Step 2: Connecting an Aerial



Connect your LNB cable from your satellite antenna to the **LNB connector** on the **WinTV-NOVA-s** board.

Step 3: Install the WinTV-NOVA-s driver for Windows 98, WindowsMe, Windows2000 and Windows XP

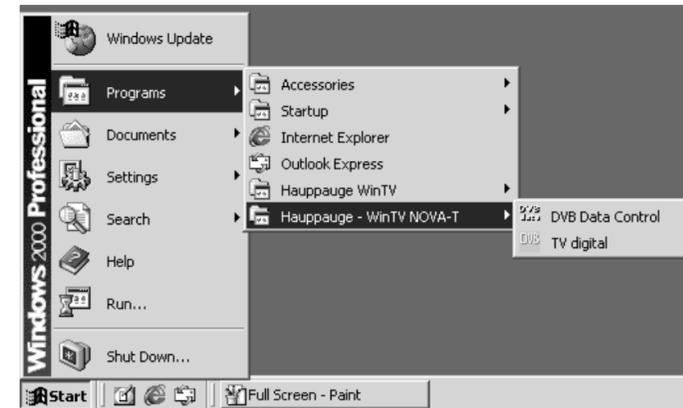
1. Start your PC. When it is completely booted, the **Add New Hardware Wizard** will appear. Click **Next**.
2. Select **Search for the best driver for your device (Recommended)**. Click **Next**.
3. When you see the dialog box, insert the **WinTV-NOVA-s Installation CD-ROM** into your CD-ROM drive. Select **CD-ROM drive** and click **NEXT**.
4. Once the **WinTV-NOVA-s** video driver has been detected, click **NEXT**. You will see a number of files being copied to your hard disk drive. Click **FINISH**.

Note: under Windows XP, if you see a **Hardware Installation box**, click the **"Continue anyway"** button to continue the installation.



Step 3: Install the WinTV-NOVA-s application software

1. To start the **WinTV-NOVA-s** software installation, click **Start / Run** then type **X:\setup.exe** (X being the driver letter of your CD-ROM drive) and then **Setup.exe**. Chose a language, and click **Next** to install the decoder software (which may take some time).
2. After the Setup program is complete, you will need to reboot your PC. After rebooting, you will see the **InterVideo WinDVD icon** on your Windows desktop and the Hauppauge **WinTV-NOVA-s pci** in the Program menu (see below).



Step 5: The Digital TV Application

To start the WinTV-NOVA-s application, click **Start / Programs / Hauppauge WinTV-NOVA / TV**.

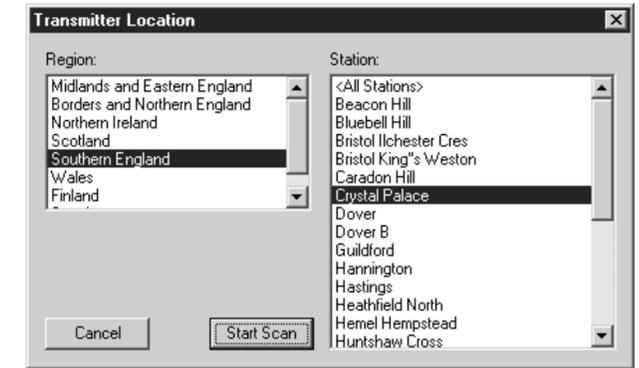
- Satellite ICON**
Opens Channel Scan menu
- Flags**
Language selection for control bars.
- Small Picture**
Center's TV image in application window
- Big Picture**
Shows TV image in full screen mode



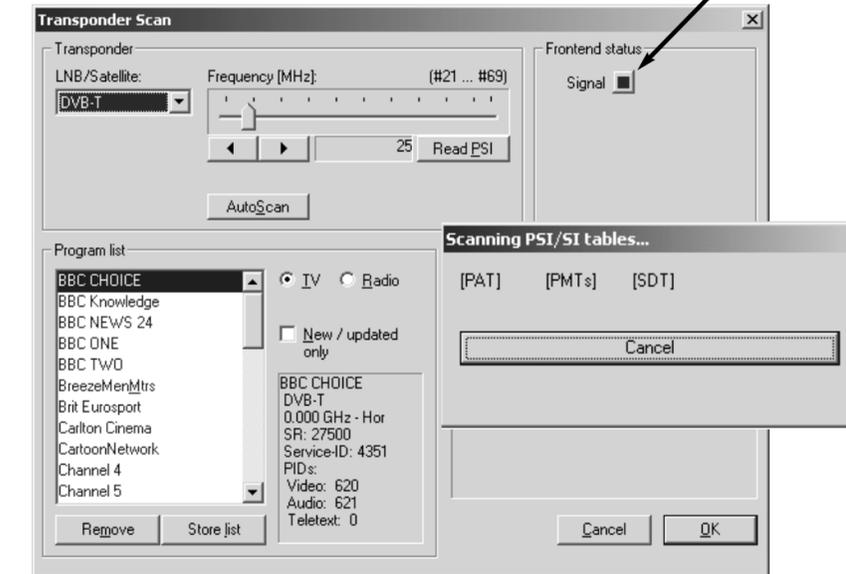
When running **WinTV-NOVA-s** for the first time, you will need to scan for your TV channels (the Crystal Palace transmitter is selected by default).

Click on the **Satellite ICON** and select **AUTOSCAN**. Select your geographic **REGION** and local transmitter **STATION**.

Note : IF YOU ARE NOT SURE, YOU CAN SELECT **ALL STATIONS**.



When a strong digital TV signal is detected, the **FRONT END Status** will become highlighted (Dark Blue) and a **Scanning PSI tables box** will appear.



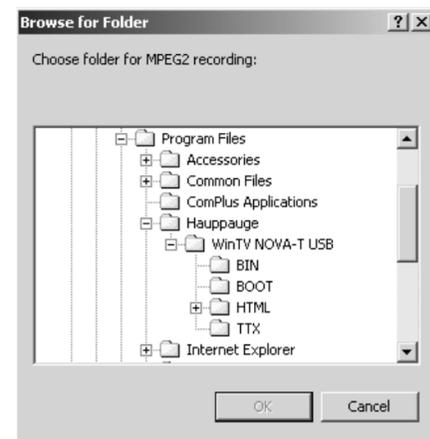
See **Troubleshooting notes** if the **Frontend Status** does not become highlighted or if no channels appear in the channel list.

When the scanning is completed, click on **Store List** and **OK** to save the channel list.

Recording & Playback Controls

To record a TV show from the WinTV-NOVA-s, simply click on the **Record** button. To stop recording, click on **Record** again. The default directory for recordings is **c:\Program Files\Hauppauge\WinTVNOVA-s**

The indicator shows the percentage size of the free space of the hard disk.



Select the folder for recording

Note: The video and audio streams are stored in a compressed **MPEG-2 format** on your hard drive. The recording process will require around **1.8GB hard disk space for 1 hour of video**.

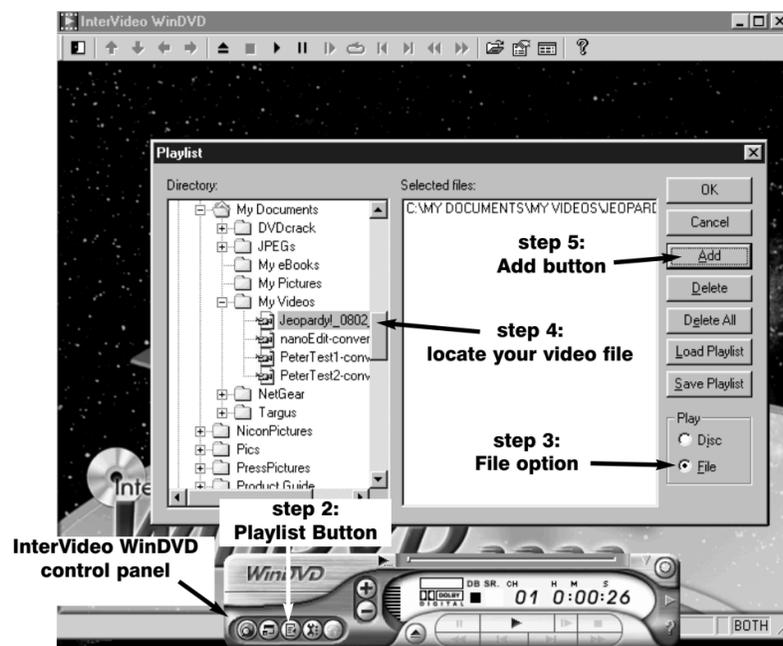
Tips for recording your TV shows:

A recently defragmented hard drive is recommended for capturing longer sequences of video.

The capturing performance may be improved by changing a Windows setting called '**Read-ahead optimization**' to '**None**'. This setting can be found under **Control Panel / System / Performance / File System**.

It is also recommended to close down applications that might affect your system performance before you start capturing.

Playing back Recorded files



Your recorded television programs are played back through "InterVideo WinDVD". WinDVD is automatically installed with the WinTV-NOVA-s software during the software installation.

Playing back a recorded TV show from WinDVD:

1. To launch the **InterVideo WinDVD application** click **Start**, then go to **Programs** and go to **InterVideo WinDVD** and click on **InterVideo WinDVD**.
2. Select the **Playlist** Button.
3. When the **Playlist** window opens, click the **File** option under the "Play" (**for playing back a file**).
4. Next, select the location of the folder that contains the saved capture (the default directory is **C:\Program Files\Hauppauge\WinTV-NOVA-s**)

Note: You will navigate by using the **+ or - buttons to expand the list**.

5. **Highlight** the recording that you want to play back and click **Add**.
6. Then click **OK**. The Playlist menu will close and your video will start playing.
7. You can **pause, replay** and **fast forward** through your video by using the controls in the InterVideo **WinDVD control panel**.

Troubleshooting

Problem:

When opening **WinTV-NOVA-s** application, the TV window remains light-grey or black and this error message appears:

Error message: "main window could not be set. Video in own window tries to play."

This will occur if the MPEG-2 software decoder is not installed or is not correctly installed. Also, you may also get this message if the Direct Draw acceleration of the VGA card is not activated.

Solution:

- Install the software from the **WinTV-NOVA-s Installation CD-ROM** again. Run **Setup.exe** from the CD-ROM.
- the **Hardware acceleration** of the graphics card **should be set to 100% Full**. You can check by going to **Start | Control panel | System | Properties | performance | graphics** and you should set the hardware acceleration to **Full**. Also, run the program **Start / Run / dxdiag.exe**. Select the **Display** menu and make sure that the option **Direct Draw acceleration** is enabled.
- The **WinTV-NOVA-s** needs a VGA card with hardware overlay operation. For example (**the older**) graphics cards are not suitable: **S3 Trio 64, Matrox Millenium I, Matrox Productiva G100**. The following are compatible: **S3 Trio 64V, Matrox Millenium G200 / G400, Nvidia GeForce 25**.

Problem: No channels found or PSI tables do not become highlighted.

Solution:

This is normally caused by the signal strength not being strong enough, you should try a signal booster or a high gain aerial.

You also might be in an area where terrestrial digital TV is not being broadcast yet. To see if your area is covered by a terrestrial digital transmission, go to:

<http://www.dtg.org.uk/retailer/coverage.html>

You will need to enter your postal code, and you will be told which broadcasters are transmitting digital TV in your area.