

TV TUNER

USB External PC TV Tuner
with Remote Control

USBTVTUNER

Instruction Guide



* Actual product may vary from photo

FCC COMPLIANCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Technical Support

The following technical resources are available for this StarTech.com product:

On-line help:

We are constantly adding new information to the *Tech Support* section of our web site. To access this page, click the *Tech support* link on our homepage, www.startech.com. In the tech support section there are a number of options that can provide assistance with this card.

Knowledge Base - This tool allows you to search for answers to common issues using key words that describe the product and your issue.

FAQ - This tool provides quick answers to the top questions asked by our customers.

Downloads - This selection takes you to our driver download page where you can find the latest drivers for this product.

Call StarTech.com tech support for help:

USA/Canada: 1-800-265-1844

UK/Ireland/Europe: 00-800-7827-8324

Support hours: Monday to Friday 8:30AM to 6:00PM EST (except holidays)

Warranty Information

This product is backed by a one-year warranty. In addition StarTech.com warrants its products against defects in materials and workmanship for the periods noted below, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

Limitation of Liability

In no event shall the liability to StarTech.com Ltd. (or its officers, directors, employees or agents) for any damages (whether direct or indirect, special, punitive incidental, consequential, or otherwise), loss of profits, loss of business, or any pecuniary loss, arising out of related to the use of the product exceed the actual price paid for the product.

Some states do not allow the exclusion or limitation of incidental or consequential damages. If such laws apply, the limitations or exclusions contained in this statement may not apply to you.

Installing Your VideoStudio Software

For detailed instructions on the installation and use of the digital editing software, consult the Ulead VideoStudio manual available on the CD. From the VideoStudio CD setup screen click **Browse CD** then open the **Manual** folder and select your language (Note: To view the manual, you will need Adobe Acrobat Reader, which you can download from the Install Drivers menu on the CD). StarTech.com recommends carefully reading the instructions supplied by Ulead before attempting to install or use the software.

NOTE: Windows XP users may encounter some difficulties running VideoStudio. Please visit the Ulead technical support site at www.ulead.com/tech/vs/vs.htm and click on the "Ulead VideoStudio x.0" (depending on your version) link under the "FAQ" heading for more information on this issue.

1. Insert the Video Studio CD into your computer's CD drive. The setup screen should appear automatically. If the screen does not appear, run the CD manually by double-clicking on **My Computer** then double-clicking the **CD** icon.
2. Click on **Install Ulead Video Studio** and follow the installation instructions.
3. When installation is completed, install the drivers by clicking on **Install Drivers** then the driver you want to install. When required, on-screen instructions will assist you. It is recommended that you install all the drivers.

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Introduction

Thank for purchasing a StarTech.com USB external PC TV tuner with remote control. Now you can turn your desktop or notebook PC into a total video entertainment system where you can watch television, capture live or still images, or record television programs. The remote control and easy plug and play installation means you'll enjoy hassle-free control over your system without leaving the comfort of your chair.

Features

- Allows you to view and record television programs and capture live video or still images on your notebook or desktop PC
- Easy installation through USB Plug and Play
- Built-in 181-channel TV tuner with parental lock-out
- Supports NTSC or PAL video systems
- Also allows connection of Composite or S-Video devices such as VCRs
- Audio output allows for connection directly to external speakers or by using the included stereo cable to connect directly to your sound card's "line-in" port
- Adjustable brightness, contrast, saturation, hue, and volume levels
- Backed by StarTech.com's one-year warranty

Before You Begin

To ensure a quick and easy device installation, please read through this section carefully before attempting to install the device.

System Requirements

- An IBM or compatible notebook or desktop Pentium 233MMX (or higher) computer running Windows XP/2000/Me/98
- 32 MB of RAM and a minimum 8 MB free disk space
- An available USB port
- Sound card (optional for AVI audio capture)
- Two AA batteries (for remote control)

Advanced Configuration Settings

NOTE: For detailed information on the USB TV Tuner's advanced settings and troubleshooting tips, please consult the online documentation by pressing the Help button in the control window.

You can access the tuner's advanced configuration settings by clicking the Configuration Tool in the control window. There are four tabs that allow you to configure and customize the application.

TV Tuner

This screen allows you to set up your channel properties. On this page you can:

- Name your channels
- Lock/unlock selected channels
- Change your TV source
- Set Memory channels for use in Memory select mode

Preview

This screen allows you to set up your channel preview options. On this page you can:

- Select how many channels you want to preview at once
- Set which channels you want to appear in preview mode

Motion Capture

This screen allows you to customize the motion capture process. You can:

- Change the video format, video size, and capture frame rate
- Change where the motion capture files are saved
- Enable/disable audio capture
- Set a time limit for capture files

Video

This screen allows you to change your video settings. On this screen you can:

- Change the brightness, contrast, hue, and saturation
- Change the style of the video window



Channel Select: Use to change channels while in Channel mode.



Memory Channel Select: Use to scroll between pre-defined Memory channel. (See “Advanced Configuration Settings” on page 7)



Last Channel Return: Returns to the previous channel.



Mode Selection: Toggles between memory mode and channel mode.

Capture Functions

The USB TV Tuner allows you to capture image from your television as either motion videos or still images.

Still Image Capture

To capture a still image, click on the Still Image Capture button in the control window, on the tuner, or on your remote. When you click the Still Image Capture button, a capture window will appear containing all the pictures you have taken. To save any of the images, click on the picture and choose a file name.

NOTE: The images are not saved automatically. You have to both capture a Still Image and manually save it. Unsaved images are deleted when the tuner is shut down.

Motion Capture

To start recording a motion file, press the Motion Video Capture button in the control window, on the tuner, or on the remote. Press the button again to stop the recording. While you are recording the file, you will see information on the files size and length.

As the default, Motion Capture files will be saved as .avi files with the following format: **MDDHHMMN.avi**, when **M** is the month (from 1 to 9. O-October, N-November, D-December), **DD** is the day (from 01 to 31), **HH** is the hour (from 01 to 24), **MM** is the minute (from 00 to 59) and **N** is the number of recordings you have made during the same minute (from 1 to 9). You can adjust the capture settings from the Configuration menu. See “Advanced Configuration Settings” on page 7.

Playback

If you have captured and saved a Motion Capture file, you can play it back by pushing the **Playback** button in the control window. The previously viewed/saved video clip will be automatically played back on your screen.

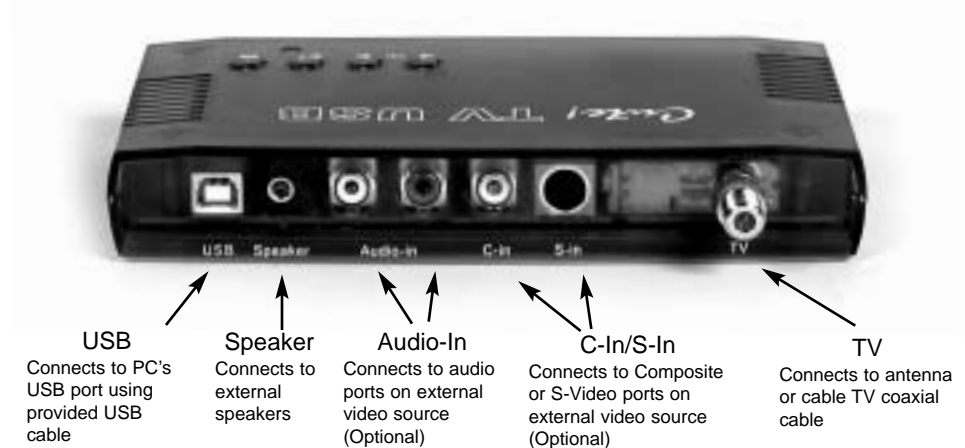
Contents

This package should contain:

- 1 x USBTVTUNER
- 1 x stereo cable (3 ft.)
- 1 x USB cable (3 ft.)
- 1 x remote control
- 1 x driver diskette
- 1 x Ulead VideoStudio editing CD

Installation

This section will guide you through the installation of your USBTVTUNER and the related software. Please read through this section carefully and complete each step in the order listed.



1. Make sure that your adapter, computer, and external video devices are turned off.
2. Connect your TV antenna or cable TV coaxial cable to the **TV** port on the back of your adapter.
3. Connect your external speaker or sound card's "Line In" port to the **Audio-In** ports on your tuner using the stereo cable.
4. Connect the USB cable from an open USB port on your computer to the **USB** port on your tuner.

NOTE: Completing the above steps will allow you to watch television on your PC. As an option, you can also attach an external video device (such as a VCR) to your system by completing the following two steps.

- Depending on your system, use the appropriate cable to connect **either** the **S-In (S-Video)** port or the **C-In (Composite video)** port on the back of the adapter to your external video source.
- Connect the audio cables from your external video source to the **Audio In** ports on the back of the adapter.

Installing the Software

The most up-to-date drivers for this device are available as a free download from our website. Visit www.startech.com and click on the "Downloads" link for more information.

NOTE: Depending on your OS and the configuration of your system, the instructions below may not be identical to the instructions on your screen.

- Windows will automatically detect the new hardware. Click **Next**.
- Choose the default "Recommended" option and click **Next**.
- Insert your driver disk into the disk drive. Select the location of your driver disk and click **Next**.
- When the driver has been found, click **Next**, then **Finish** to complete the installation.

NOTE: After rebooting, **Windows 98** users may be required to provide their Windows 98 installation disk.

- To install the TV Tuner application software, open the AP Software folder on the driver disk and click on the "Setup.exe" file.
- Choose the destination folder where you would like the software installed and click **Next**.
- Choose **Yes** to restart your computer then click **Finish** to complete the installation. When your computer boots back up, you should see the TV USB folder on your desktop.

Using the Tuner for the First Time

These two menus will only appear the first time you run the software or if you select the **Reset** function available from the tuner's program folder.
















- Launch your TV Tuner software by clicking on the icon.
- Choose your country (listed in alphabetical order) by highlighting your country name and pressing **OK**.
- Select your broadcast system (antenna, cable, or both) and click **OK**. The system will scan through all the channels available to you. This process may take several minutes.

Using Your Device

This section is intended as a guide only. For full details on using your TV USB software, consult the User's Guide available in the TV USB program folder.

The Control Window



-  **Power:** Shuts down the TV Tuner application.
-  **Minimize:** Minimizes the control window.
-  **FM Mode:** Not used for this device.
-  **Video On Top:** Puts the video screen on top of other windows.
-  **Video Source Selection:** Toggles through video source input choices.
-  **Still Image Capture:** See "Capture Functions" on page 6.
-  **Motion Video Capture:** See "Capture Functions" on page 6.
-  **Play Back:** See "Capture Functions" on page 6.
-  **Preview:** See "Advanced Configuration Settings" on page 7.
-  **Configuration Tool:** See "Advanced Configuration Settings" on page 7.
-  **Size:** Switches between video screen sizes.
-  **Sound:** Lowers, mutes/unmutes, or raises sound level.
-  **Help:** Opens the help file.
-  **Video Source Input:** Shows current video source input
-  **Channel:** Channel number and name, if defined.