

# USB-Live2

## Quick Installation Guide for Windows

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### Contents of the package

- **USB-Live2** video capture device with removable A/V cable
- **Hauppauge Capture** download document
- **WinTV v10 application** for Windows (download with included Activation Code\*)

\* **Please keep the Activation Code in a safe place. It is required for all future installations.**

### How USB-Live2 works

USB-Live2 is a Windows video capture device. It can be used for digitizing and compressing video from video cameras, video tape recorders and other devices which create analog video signals.

Two applications come with USB-Live2 (as downloads):

- **Hauppauge Capture**, which is used for recording and displaying live video and making simple video cuts.
- **WinTV v10**, which is used for displaying live video on your PC screen, in a window or full screen, and to create video recordings.

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### Installing the Hauppauge Capture Application

**Note:** this step requires the USB-Live2 is connected to the USB port.

**Note:** An Internet connection is required for download and software activation.

**Note:** Please disable your antivirus software for the duration of the software installation. We find that sometimes antivirus apps block the temporary folders needed for the installation of Hauppauge Capture

Hauppauge Capture allows you to quickly record and then trim your videos. It also has a convenient source selector in case you want to switch from S-Video to composite video. To download and install Hauppauge Capture, visit this site:

[www.hauppauge.com/capture](http://www.hauppauge.com/capture)

Features of the Hauppauge Capture application include live video preview, record video, snapshots, simple cuts and upload of recordings to YouTube. The bit rate for recordings can be set up to 10 MBit/s and the recording length can be set by a timer.

#### Record Video

The Capture tab is used to record video. The device selected should be "Hauppauge USB-Live2".

Select the "Video Input":

- "Composite", when using the yellow RCA plug
- "S-Video", when using the black 4-pin Mini-DIN connector

The audio input is automatically set to 'RCA'.

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When recording live video with the WinTV v10 application, USB-Live2 creates a .TS (transport stream) file. Using options in the WinTV v8 application, you can also create .MPEG files.

With Hauppauge Capture you can record your video, perform simple cuts and can then directly upload your video to YouTube.

USB-Live2 is based on a Windows WDM capture driver, which is compatible with most video applications which use WDM capture devices.

### Installing the USB-Live2 device

Locate a free USB 2.0 or 3.0 port (normally located at the side or back on the laptop or desktop PC). Plug USB-Live2 into the USB port.

Note: We do not recommend connecting via a USB Hub.

#### Indicator LEDs

The blue LED will be lit when USB-Live2 has been activated by Windows.

The green LED will be lit in addition if a video signal is detected.

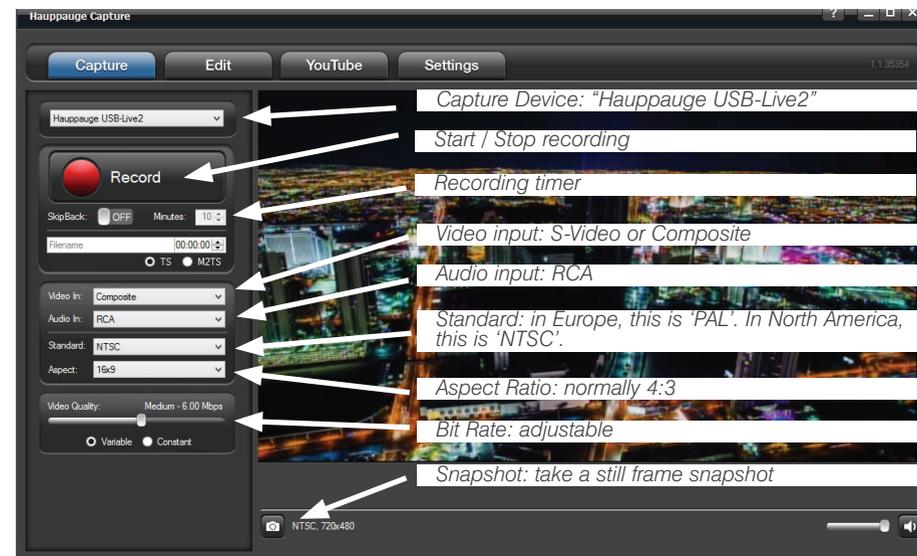
### Connecting the A/V Source to USB-Live2

• Plug the A/V input cable into the connector on the side of the USB-Live2 (see picture below). The A/V connector can be removed from USB-Live2 by pressing the 'Push' button.

• Connect the video signal of your video source to the yellow RCA plug or the black S-Video plug on the A/V input cable.

• Connect the audio signal to the red and white RCA plugs.

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It is recommended to select the file format 'TS'.

You should now see live video from your video source and hear the audio.

#### Start Recording

Click on the 'Record' button, to start recording. The button changes to 'Stop'. When you are finished recording, click on this button again.

You can limit the recording duration by entering a time (format HH:MM:SS) before starting to record.

#### Edit Recordings

To trim your recordings, select the Edit tab.

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#### Connectors on the A/V input cable

**RCA yellow:** Composite Video Input

**RCA red:** Audio Input, right channel

**RCA white:** Audio Input, left channel

**4-pin Mini-DIN black:** S-Video Input

#### Connecting a Video Recorder with SCART (in Europe)

To connect a video recorder with SCART connector, you need a SCART-to-RCA adapter labeled "Video Out" or a switchable adapter (not included). The direction of the signal must be from SCART to RCA. A SCART-to-RCA adapter labeled "Video In" is not suitable.

VHS video recorders usually do not supply an S-Video signal on the SCART output. When using a SCART-to-S-Video adapter on such a recorder the video will be just black and white.

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### Installing the WinTV v10 Application for Windows

**Note:** this step requires the USB-Live2 is connected to the USB port.

**Note:** An Internet connection is required for download and software activation.

**Note:** Please disable your antivirus software for the duration of the software installation. We find that sometimes antivirus apps block the temporary folders needed for the installation of WinTV

You will find the website and directions on the **WinTV v10 Download and Activation code** card along with the **Activation code** for WinTV v10.

The WinTV v10 download can be found here:

[www.hauppauge.co.uk/wintv10](http://www.hauppauge.co.uk/wintv10)

#### Step 1:

Download the WinTV v10 installer by clicking the download button. The WinTV v10 Installer is normally saved in your **Download folder**

#### Step 2:

Run **wintv10setup** from the Download folder on your PC. Halfway through the installation, a message will pop up asking for you to enter the Activation Code.



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### Step 3:

At the **Activation required** screen, click on **Enter Activation code** and enter the activation code which was printed on the **WinTV v10 Download and Activation code** card. You do not need to enter the dashes, and you can use upper or lower case characters.

### Step 4:

When the installation is complete, you will find two new icons on your Windows desktop: the **WinTV application** icon and the **WinTV Advanced Options** icon. The WinTV Advanced Options icon, when clicked, has a number of useful WinTV v10 utilities such as to Empty EPG, Erase channel database and others.

### Step 5:

Double click on the **WinTV icon** and the WinTV application will run.

On the first run of WinTV, it will automatically go through the TV source selection. The **Device Setup Wizard** will appear.

Set the checkmark on **“External Inputs (Composite/SVideo)”** and click **Next**.

You will be presented with the option to add a **Composite** and an **S-Video Input**. Either leave the selection as 'AUTO' or select the video source and click **Next**.

If you wish to connect a source not normally designed for operation in your country, you can configure the **Video Format** manually from the drop down list. Change the value from "AUTO".

Note: NTSC is the analog format for North America. PAL is the commonly used analog video format in Europe.

### How can I change the video source in WinTV?

To change your video source, in the main WinTV window click on the **gear icon** (lower left hand corner of WinTV), select the **“Devices”** tab, click on the **USB-Live2** and click on **“Tuner Setup”**. You can then select your video source and give it a name.

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elements and buttons are visible. In the **No Title** view only the TV image is shown. In the **Fullscreen** view the TV image fills the whole screen. You can also switch between these views by double clicking inside the TV window, or by pressing <Ctrl> W on the keyboard.

### «Stay On Top»

If enabled, the WinTV application window will remain in view over any other application windows, even if it is not selected. To turn on, select "Stay On Top". To turn off, select this option again.

«**Scheduler**» The Scheduler allows you to record video at a certain date and time. It lists all scheduled recordings that have been set. From here you can Edit or Cancel (delete) existing schedule entries.

To schedule a new recording, click on the Add button. You will need to select the channel, set the start time, duration etc. and confirm with a click on the Record button.

**Note:** *The WinTV application does not have to be running for a scheduled recording to work, but your PC will need to be either turned on or in Standby (not Hibernate). All scheduled recordings are performed in the background by the task “WinTVRec.exe”. If a recording is started while you are watching live TV, WinTV will display the TV program being recorded.*

«**Settings**» Click the Settings button (the 'gear' icon on the lower left of the WinTV application) to open the **WinTV Settings** window.

«**Settings**» **General tab:** Select the language and the preferred Audio and subtitle languages. You can also specify the video renderer to be used and the TV shape.

«**Settings**» **Capture tab:** Specify where the recordings, pause files and snapshots will be stored.

«**Settings**» **Devices tab:** To add or change a video source, select the USB-Live2 from the list and click on **Tuner Setup**.

«**Settings**» **All Channels:** You can enable or disable the listing of video sources

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## Using the WinTV v10 application



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with the **select box in the first column**. The Context menu allows you to select all channels, to delete the selected channel(s), to watch the selected channel or to display details about the channel.

«**Settings**» **Advanced Options:** From this menu you have options for:

- Automatically starting TV when WinTV v10 opens
- Disable the Now/Next channel information
- Disable any On Screen Display graphics
- Auto convert the standard .TS recordings to the .mpg format

«**Settings**» **Decoders**

The Decoders section allows you to test and use third party video/audio decoders. (The use of third party decoders is an unsupported feature but helps in some situations.)

### Eliminating the video delay

By default the video in the preview window is displayed with a delay of 1 to 2 sec-onds, because it is buffered on the hard disk. If the delay is not desired, you can turn it off. In WinTV, go to **Settings** (click the 'gear' icon) and select the **Advanced Options** tab. Set the check mark on "Use Game Mode for analog". Close the WinTV application and restart Windows.

## Troubleshooting

### Display problems

If there are errors in the display of the video, these can possibly be corrected by changing the video renderer options. In the WinTV application click on the 'gear' and in the "General" tab select a different video renderer (e.g. VMR9). Restart WinTV.

### Check the driver in Device Manager

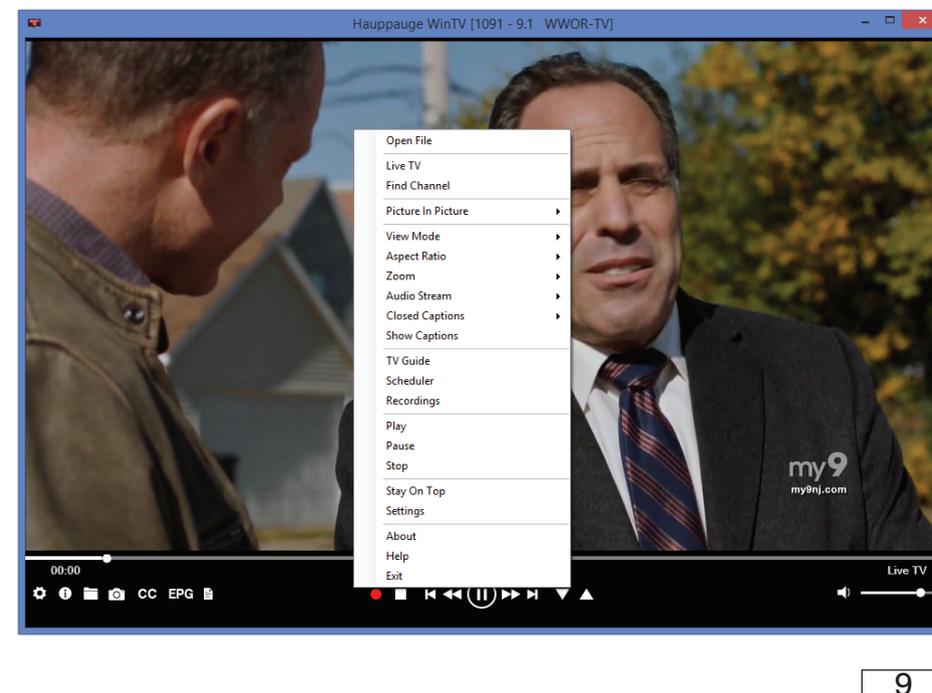
### The Main WinTV Menu (context menu)

**Right-click** inside the TV window or click on the **menu button** on the WinTV toolbar to display the **Context Menu**. The following options are available.

«**Open file**» Open up a TV recording or other video file for playback in the WinTV window.

«**Find Channel**» This brings up the video source list (composite or -S-Video).

«**View Mode**» Normal, No Title and Fullscreen are available. In **Normal** view all control



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In the Control Panel, click the "System" icon and select "Device Manager". If the USB-Live2 device is connected to the USB port, you should see the entry "Hauppauge USBLive2" in the "Audio, video and game controllers" category.

### The behavior of WinTV if no signal is detected:

**In normal mode:** If no video signal is detected, when you switch on live video you will see "0 Composite ... Buffering" in the title bar, then "0 Composite" and "No Signal" appears in the preview window.

**In game mode:** As above, but the preview window remains black.

### Actions if no video is displayed in WinTV:

- Make sure the video source is turned on.
- Make sure that you are using suitable cables to connect the video source.
- Make sure that the correct input is selected (Composite / S-Video).

If there was no video signal when WinTV started, it is not sufficient to connect the video signal or switch on the video source. It is also necessary to restart the live display. To do this, first click on Stop, then on Start Live Video (TV symbol).

### WinTV Keyboard Commands

Next Channel = Plus (+)

Previous Channel = Minus (-)

Increase Volume = Page up

Decrease Volume = Page down

Show Channel List = Ctrl + L

Mute = Ctrl + M

Pause Video = Ctrl + Q

Play = Ctrl + P

Skip Ahead = Ctrl + F

Skip Back = Ctrl + R

Live (now) = Ctrl + C

Full Screen = Ctrl + W

WinTV Settings = Ctrl + I

Start TV = Alt + T

Start Recording = Alt + R

Stop = Alt + S

Open File = Alt + F

Make Snapshot = Space Bar

Change Aspect Ratio = Ctrl +

Exit Full Screen = Esc

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