

Set up and using the WinTV v7 application with HD PVR 2 and Colossus

WinTV v7 can use the HD PVR 2 and Colossus to record video from a cable TV or satellite TV set top box, a video game console or from a PC using an HDMI cable. To run the WinTV v7 application, double click on the **WinTV icon** on your Windows desk top.



When you run WinTV for the first time, the **WinTV Device Setup Wizard** appears. First, select the video source that you will be



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recording from. When you have chosen your video source, click **Next**.

If your TV source is a cable TV or satellite set top box

Since most cable and satellite set top boxes encrypt the HDMI outout, you will normally connect HD PVR 2 to your set top box using **Component video** cables. Set **Video Input** to **Component** and the **Audio Input** to **RCA Audio** (or **SPDIF** if you are using an optical audio cable from your set top box).

If you want to use the HD PVR 2 IR Blaster to control the channels on your set top box, click the **Use IR Blaster setting** box.

If you are using the IR Blaster, you need to set up a channel list for your set top box. In

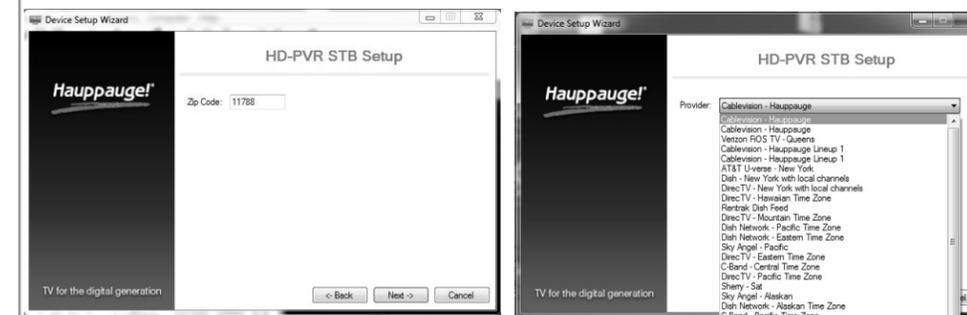


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the **United States**, in **Channels** select **Internet Lookup**. Outside of the U.S., select **Manual Entry**.

Then click **Next**.

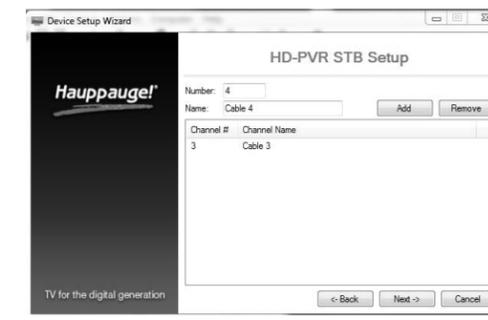
In the U.S., set your **Zip code** and click **Next**. You will then see a list of cable **Providers**



in your area. Select your **Provider** and click **Next**. If you are not in the U.S., you will need to manually enter the channel numbers which you can receive with your cable TV or satellite box.

You can add or remove channels and then click **Next**.

When you are finished with selecting the channel line up for your cable or satellite operator, click **Finish**. You will find your channels in the WinTV v7 application by clicking your **Right mouse button** and select **Find Channel**.



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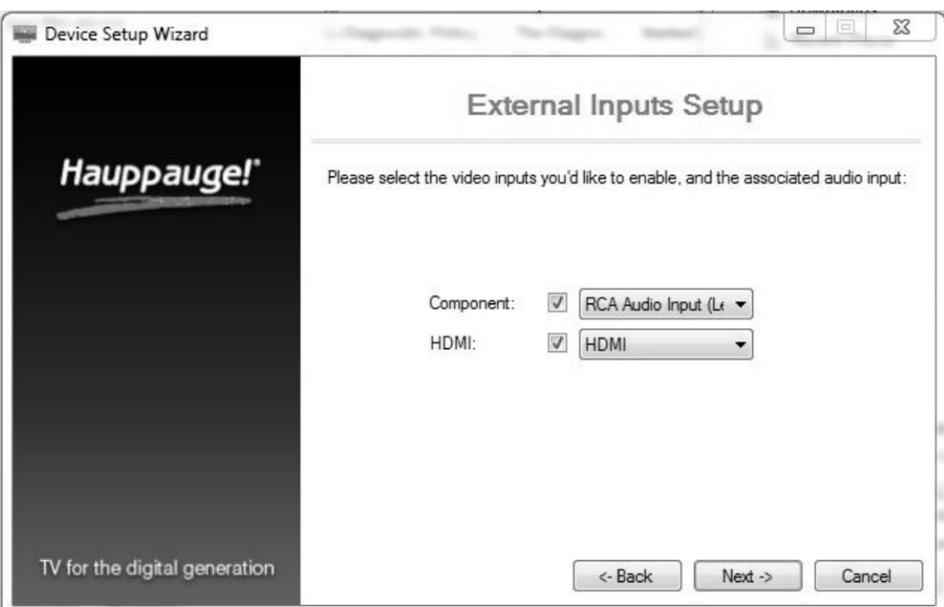
Now go the the section entitled **Configuring the IR blaster for use with WinTV v7** to set up your IR blaster for your cable or satellite TV box.

If you are connecting to a Game Console (Xbox or PS3) or a PC

In **External Input Setup**, WinTV v7 will create a configuration for each video source you connect to. You can select to use Component video, HDMI or both.

If you are using an Xbox 360 or WiiU, select **HDMI**. If you are recording video from a PC over HDMI, select **HDMI**. If you are using a PS3, select **Component**.

Then click **Next**. Select the sources you will be using and click **Next**.



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Note: You can at any time change your video source. To do so, click the **Configuration menu (Gear button)** in the lower left corner of WinTV v7). Then click **Devices** and select **HD PVR 2**. Click **Tuner setup** to see the video source selector.

Using the WinTV v7 application

To watch TV, click the **Watch TV** button.

To see the TV Channel list, click your **right mouse button** in the TV window to display the **Options menu**. Select **Find Channel**. You will see the channel list.

To display the channel list all the time, while the channel list is displayed, click the **Channel list display always on** button.

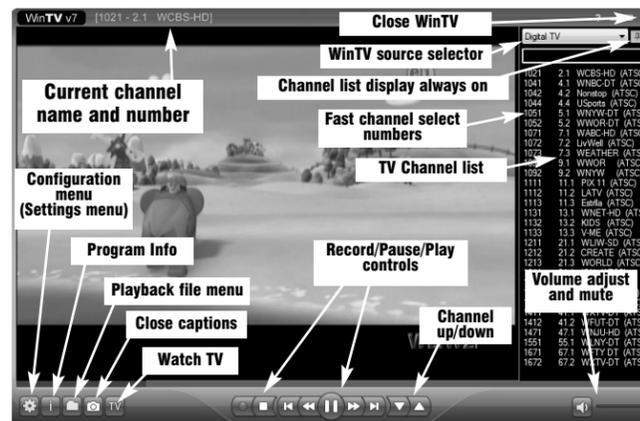
Options menu

The **Options menu** is the main menu where you can select channels, turn on close captions, open the TV Scheduler, show the TV Guide and many other of the most important TV control functions.

To bring up the **Options Menu**, click your **right mouse button** once in the TV window.

To see the **channel list**, click on **Find channel**. You will see the list of channels which have been scanned.

To show the **Channel menu as part of the TV window**, click the **Channel list always on**

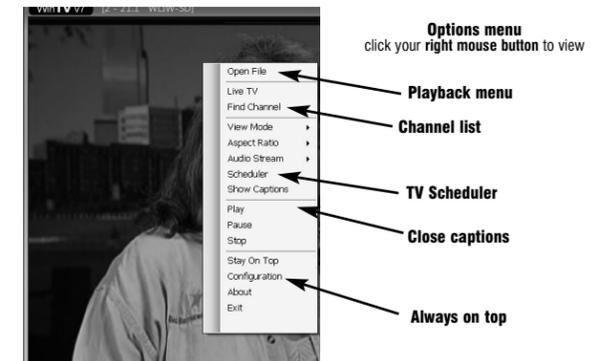


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icon at the top of the channel list.

To manually schedule a TV recording, or to see which programs have been scheduled, click on **Scheduler**.

To turn on the **Always on Top mode**, click on **Stay on Top**.



Watch, Pause and Record TV

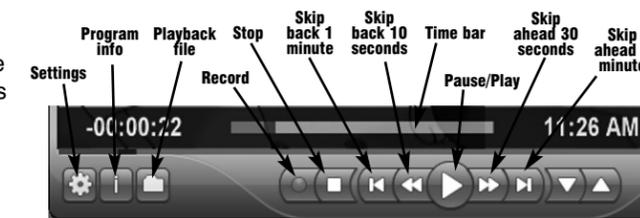
WinTV v7 is always recording video to your PC's hard drive while TV is being displayed. In this way, you can immediately skip back and replay the TV program you are watching.

Clicking on the **Pause button** will cause the video to pause, while clicking the **Record button** will cause the current TV program to be recorded to hard disk.

Recording your TV shows

If you want to record a TV show you are watching:

- Click the **Record button**. The recorded file name will popup on the video for a few seconds as the recording starts.
- When you are finished recording, click the **Stop button**.



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- Click the **Playback file button** and select the last file recorded to play the video you just recorded
- To play a video you recorded earlier, click the **Playback File button** and then move your mouse and click once on the video you want to play. Click Open and the file will start playing.

The recorded video file is saved in the directory set in **Recordings directory directory** which can be found in the **Configuration menu**. The default directory is **MyVideos**. To change this directory, click the **Settings button** and then the **Folders tab**. Every time you record a file, a new file is automatically created. The file will be formatted as **(ChannelNumber)_(ChannelName)YearMonthDay_Time**.

If you want to pause a TV show you are watching:

- Click the **Pause button**. Your TV video will stop and the Time counter will start counting.
- To start the video from where you paused, click the **Play button**
- To rewind the video to the beginning, click the **Skip to the beginning button**. If your video was paused, click the Play button.
- To rewind the video 1 minute, click the Skip back 1 minute button. If your video was paused, click the Play button.



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The **Delay counter** displays how much time you are behind the live video. For example, if the delay counter says 00:01:23, then the video window is showing video 1 minute and 23 seconds behind live video.

Configuration menu

The **WinTV v7 Configuration menu** is accessed by clicking the gear button in the lower left hand corner of WinTV v7.

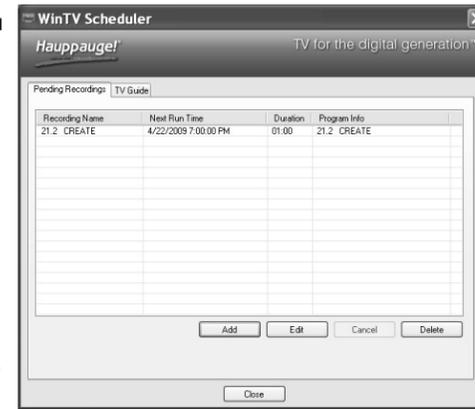
- General tab:** you can set the Video Renderer which allows WinTV v7 to display video with a wide range of graphics systems.
- Devices tab:** allows is where you can re-scan for TV channels and set up the TV sources in WinTV v7.
- Parental control tab:** is where you can set the Parental Control level.
- Advanced options:** you can set options such as **Convert TV recordings to .MPG file type** and **Game mode** here.

WinTV v7 TV Scheduler

WinTV v7's built-in TV Scheduler allows you to schedule the recording of TV shows. Once a record event is set, WinTV v7 can be closed and will "wake up" at the desired time and tuned to the desired channel.

When a scheduled record event takes place, the WinTV v7 application records "in background" so that you can continue to watch your live TV program, even as the recording progresses.

The **TV Scheduler** can be found in the WinTV v7 **Options menu**. **Right click your mouse button in the TV window to**



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see the Options menu. Click **Scheduler**. To set up an event for timed watching or recording, click the **Add button**.

The items that need to be set for each event are:

- **Name:** you can add a name to the recording. If you do not enter a name, the name will be in the channel/date format.
- **Channel:** chose one of your scanned channels.
- **Start time:** set to the desired start time. Click on the hour to set the hour, the minute to set the minute. **Note:** It takes about 15 seconds to launch the **WinTV** and start recording.
- **Duration:** number of minutes in the recorded program.
- **Recurrence:** one time, daily, weekly. **Note: If you set for Record Weekly, you must also specify the Day of the Week for the recording.**
- **Date to Begin Program:** today's date is the default. Change this if you want to schedule on another date.
- **Source selection:** leave set at **WinTV** to bring up the **WinTV** at the requested time and on the requested channel.

Once these are set, click **OK**. You can add more recordings, clicking **OK** after each event is set.

When you are finished click **Close**. The **WinTV** program does not have to be running for the **Scheduler** to work. If **WinTV** is not running, it takes about 15 seconds to start **WinTV** and to start the recording of TV.



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Configuring the IR blaster for use with WinTV v7

Setting up the IR Blaster for use with the WinTV v7 application

In WinTV v7, the **IR RemoteBlaster** lets the HD PVR 2 and Colossus change the channel on a satellite or cable TV set top box by transmitting 'channel change' commands to the box via an Infra Red (IR) transmitter.

Note: You will need the remote control from your set top box to complete the configuration in this section.

Note: this procedure is only necessary if you are using WinTV v7. If you are using Windows Media Center, it will configure the IR blaster automatically

The HD PVR's IR blaster function consists of two components:

- IR Receive/Blast cable:** This cable has an **IR cable jack** on one end, and an **IR Receiver and Learn sensor** and **IR transmitter** on the other end. The **IR Receive/Blast cable** plugs into the **IR jack** on the back of the HD PVR 2 or Colossus. The **IR Blaster** end of the cable needs to be positioned over the **IR receiver on your set top box** using the self stick tape supplied. The **IR Receiver and Learn sensor**



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will be used to receive remote control commands and to learn your set top box (if necessary).

- IR Blaster Config program (BlastCfg.exe)** for configuring the codes for the IR transmitter.

During the installation of the WinTV application from the Installation CD-ROM, **BlastCfg.exe** will be automatically installed.

Every time you boot Windows, the **IR32 application** should automatically run. You will notice a small IR icon in your system device tray.

The Blaster Configuration program

The Blaster Configuration program allows you to choose the cable TV or satellite set top box to control, or to "learn" a new set top box. The Blaster Configuration program can be found in the **Program Groups / Hauppauge WinTV**. Run **BlastCfg.EXE**

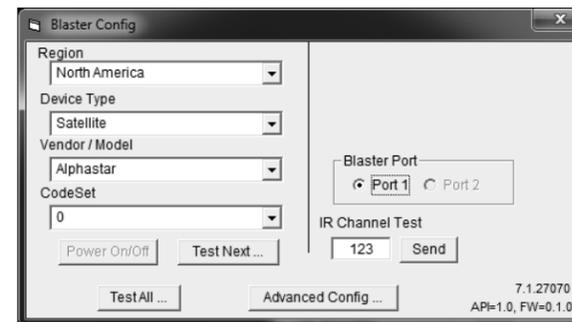
To install the IR Blaster, see the guide **IR Remote Blaster Quick Installation Guide for WinTV v7**.

Learning remote control codes for your set top box

First, make sure the **IR transmitter** is positioned over the remote sensor on your set top box. The **IR transmitter** has a very short transmission distance and needs to be positioned over the remote sensor on your set top box.

To access the learn function in **BlastConfig.exe**, click on **Advanced Config** and **Learn**.

You will need to 'learn' the **0 through 9** keys, plus **Power on** and **Enter**. To learn the new keys:



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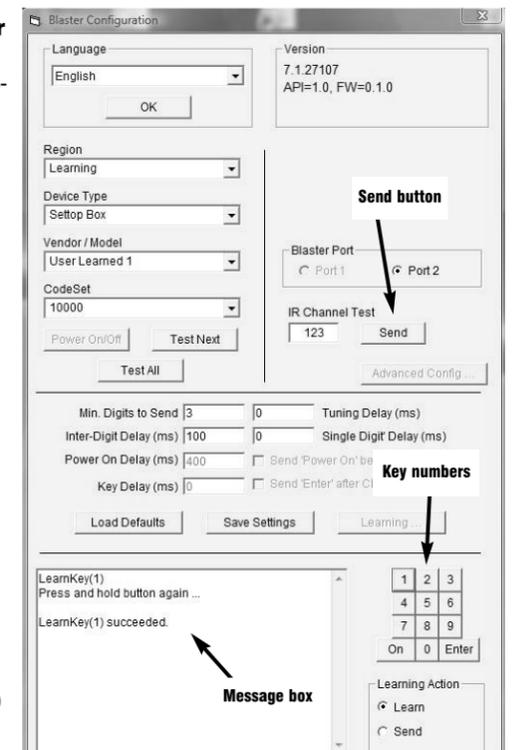
- **hold the remote control from your set top box** as close to the **IR Receiver and Learn sensor** as possible
- **in the Blaster config program**, click the button you would like to learn (for example: 1)
- **then depress and hold the corresponding key** on your set top box remote control. You will be instructed in the message box when to release the key on your remote control.
- **Do this for the keys 0 to 9 plus On and Enter**

You should receive a **LearnKey(key#) Succeeded** message. Then move on to the next key.

If you receive a **LearnKey(key#) Failed** error, this means that the key was either held down too long, or not long enough, or that the remote was not held close enough to the IR sensor on the HD PVR. Try again.

Once you are finished with the numbers **0 to 9** and **On** and **Enter**, you can test the learning by clicking the **Send button** in the Blaster Configuration program. It will send **the numbers 123** to your set top box. Your set top box should now be on channel 123.

Close the **Blaster Configuration program** and your configuration will be saved.



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