EyeTV 3 Software Manual

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New EyeTV 3 Features

EyeTV 3 Features

Smart Guides

Schedule recordings according to criteria you choose, and EyeTV will always find your favorites.

Smart Series Guides

Records all episodes of a certain series with no repeats

Smart Playlists

Pick your criteria, and EyeTV will auto-fill a playlist of recordings.

Parental Controls

Block certain channels or programs.

EyeTV Archive Sharing

Browse through EyeTV recordings on other Macs on your local network, and share your recordings.

Improved On Screen Menu

Using EyeTV full screen has never been easier.

Cover Flow

Using Leopard? Turn on Cover Flow in EyeTV, and quickly browse your recordings.

Channel Set Management

Travel a lot? Save a channel set for each city, or back up your customized channel list.

Improved Editor

Larger and cleaner interface for fast editing.

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Welcome To EyeTV

Welcome To EyeTV!

This guide shows you how to begin watching and recording television programs on your Macintosh. It covers installing and configuring EyeTV software and includes instructions for using the most common features of EyeTV.

Step One: Installing EyeTV Software

• Insert the EyeTV software CD into your CD-ROM or DVD-ROM drive.
• Drag and drop the EyeTV application where you would like to install it. We recommend your Mac's Applications folder.

Step Two: Launching EyeTV for the First Time

• Navigate to the folder where you installed the EyeTV Software and double-click the EyeTV icon.
• The first time you launch EyeTV, a Setup Assistant will guide you through the complete setup and configuration of your EyeTV software.
• You may be asked to enter an Activation Key. This either came with your EyeTV product, or has been provided to you electronically. Keep this key in a safe place, in case you need to reinstall the EyeTV software.
• When you complete the Setup Assistant, the EyeTV Programs window, an EyeTV viewer window and the EyeTV Controller will appear.

Registering EyeTV Online

Registering EyeTV entitles you to the following benefits:
• Notification of product updates
• Technical support
• Special offers

To register:
• Open your web browser and go to:

http://www.elgato.com/elgato/na/mainmenu/support/registration.html

• Enter the requested information and click the "Submit" button.

Where to get help

Both the EyeTV Support web site at

http://support.elgato.com

and the EyeTV Help, accessible through the Help menu, are your first destinations for getting answers to your troubleshooting questions.

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Windows

How do I open a Live TV window?

Select **Open Live TV Window** from the **File** menu.

How do I close a video window?

Select **Close Window** from the **File** menu.

How do I resize a video window?

Grab the lower right corner of the window and drag it diagonally.

Or, choose a pre-selected size from the **View** menu:

To watch in a small size window:
• Select **Small Size** from the **View** menu or press **Command-1**.

To watch in a half size window:
• Select **Half Size** from the **View** menu or press **Command-2**.

To watch in a normal size window:
• Select **Normal Size** from the **View** menu or press **Command-3**.

To watch in the largest sized window that will fit on your screen:
• Select **Maximum Siz**e from the **View** menu or press **Command-4**.

How do I watch video in Full Screen mode?

Select **Enter Full Screen** from the **View** menu or press **Command-0**.

How do I exit Full Screen mode?

Press the **Esc** key, press **Command-0**, or double click on the video window.

How do I keep player windows on top?

Select **Keep Player Windows On Top** from the **View** menu or press **Option-Command-F**.

How do I change the Aspect Ratio of a video window?

EyeTV will automatically try to choose the correct aspect ratio. Typical TV has a 4:3 ratio, while a few widescreen formats also exist.

If you would like EyeTV to automatically choose a certain ratio, you can pick that from the **View** menu. This could be useful if you are trying to remove letterboxing, or display content on a widescreen monitor. Your choices are **4:3**, **14:9**, **16:9** and **Wide**. Some ratios may visibly remove part of the image, to make it fit that shape without otherwise stretching or distorting the picture.

How do I view Closed Captions?

TV programs in North America will often have **Closed Captions** that can be displayed. These captions use text to display the dialog present in the audio track, and sometimes also indicate sound effects. Select **Closed Captions** from the **View**

menu to **Show** them, or uncheck the Show command to hide them.

You can also select between Closed Captions channels, from **CC1** to **CC4**.

How do I export Closed Captions?

When an EyeTV recording from North America with Closed Captions is exported from within EyeTV, EyeTV automatically creates a Closed Captions text track.

The Closed Captions will be played back on the iPhone, iPod and Apple TV if Closed Captions have been enabled on the device. Turn on **Show Closed Captioning** in QuickTime Player, or the appropriate **Show Closed Captions When Available** preference on the iPod/iPhone/Apple TV or in iTunes.

EyeTV will export the last Closed Caption track used in EyeTV. For example, if **CC3** captions are used, they will be converted to **CC1** captions upon export. Only one Closed Captions track is supported.

It is recommended to have the latest software and firmware updates for QuickTime, iTunes, iPhone, iPod and Apple TV as older versions did not support Closed Captions.

How do I view Subtitles?

International TV programs will often have **Subtitles** that can be displayed. This text displays the dialog present in the audio track. Select **Subtitles** from the **View** menu to **Show** them, or uncheck the Show command to hide them.

EyeTV is not able to export subtitles, either with video or separately.

How do I view Teletext?

International TV programs in PAL format will often have **Teletext** screens that can be displayed. This text displays various information provided by the TV channel.   Select **Teletext** from the **View** menu to show them.

The colored buttons (**red**, **green**, **yellow**, **blue**, also on the infrared remote control) are used to navigate to the corresponding screens.

Windows

Tips:

How do I open several multiplex channels?

Digital TV channels are often subdivided into multiple subchannels.

Looking for subchannels, or identical frequencies, would be the way to determine if channels are on the same multiplex. Look in the frequency column of the Channels section of the Programs window, to see the frequency. In the US, digital antenna (ATSC) subchannels are often designated by a hyphen (like 11-1 for regular programming, and 11-2 for weather).

To open an additional live TV window, hold down the **Control** key while selecting **Open Live TV Window** from the **File** menu. After you press the **Control** key, you'll see a new option in the **File** menu, **Open Live TV on Multiplex**. A new video window will open from that multiplex.

You can open as many additional windows as you like, but 2 or 3 are a practical upper limit on most machines.

All live TV windows can be paused, timeshifted, manually recorded, etc. independent of each other. Scheduled recordings will not be able to open more than one multiplex channel at once - you have to do so manually, and then click on each window before selecting Record.

For products with only one tuner, changing any window to a channel on a different multiplex will change all other open windows to channels on the new multiplex.

How do I take a picture of what's on screen?

Pause playback of your recording or live TV, and move the timeline until the EyeTV player window is displaying the frame you want. Then, choose **Snapshot** from EyeTV's **Edit** menu. EyeTV saves the picture to the Desktop.

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On Screen Controller

How do I use the On Screen Controller?

① EyeTV Information Display

This area displays the name of the program currently being watched or recorded, the elapsed time, and the channel on which the program is playing. Clicking the time display toggles between elapsed time, total time, and time remaining.

② EyeTV Programs - Click this button to bring up the EyeTV Programs window, which displays all of the Recordings, Scheduels, Playlists, Favorite Channels, and the Program Guide.

③ EyeTV Menu - Click this button to bring up the EyeTV On Screen Menu over the current player window.

④ Channel Number - Click to use a drop-down menu to switch to any available channel.

⑤ Current Channel List - Use this drop-down menu to switch between Favorite Channel lists, and all channels.

⑥ Channel Down - Click this left facing triangle to switch to the next lower channel.

⑦ Channel Up - Click this right facing triangle to switch to the next higher channel.

⑧ Time Slider - This bar gives a visual representation of your current position in the show. For example, you are at the beginning of the show when the bar is at the left edge of the timeline and you are at the end of the show when the bar fills the timeline. Click anywhere inside the slider to jump to any part of the recording; click and drag to scan through the program.

Timeshifting Control Buttons

⑨ Play/Pause - Click this button to play/pause the current program. In the case of live television, EyeTV keeps recording the live feed onto your disk. The pause time remaining for your now timeshifted show depends on the free space available on your disk.

⑩ Record - Clicking this button starts or stops recording the current program. The record button is highlighted pink during a recording. By default, the manually started recording's duration is set to 180 minutes (3 hours). If you want to record a longer program, please highlight the recording in the Recording section of the EyeTV Programs window, press the Info button, and edit the schedule there.

Many EyeTV units have only one tuner, and can only handle one video source at a time. Thus, channels and inputs cannot be changed while recording. Once a recording has started, the Live TV Buffer is flushed so you cannot skip backwards beyond the start time of the recording.

⑪ Instant Replay - Clicking this button will rewind the current program 7 seconds and continue playing, creating an "instant replay" effect. Clicking

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this button while holding down the **Option** key starts playing the current program from the beginning.

⑫ **Jump** - Clicking this button will fast-forward the current program 30 seconds and continue playing. This is useful for jumping over less desirable content. Clicking this button while holding down the **Option** key resumes watching live television.

⑬ **Fast Backward** - Click this button to play the current program in reverse at high speed. Clicking this button while pressing the **Option** key plays the current program in reverse in slow motion. 2x, 4x, 8, 16x, 32x speeds are available.

⑭ **Fast Forward** - Click this button to play the current program at high speed. Clicking this button while pressing the **Option** key plays the current program in slow motion. 2x, 4x, 8, 16x, 32x speeds are available.

⑮ **Volume Control** - Use this curved slider to control the volume of the program being played.

⑯ **Mute** - Click this button to mute the sound, click it again to turn it back on.

Tip:

Use EyeTV's Window menu to hide or show the On Screen Controller.

While EyeTV is recording, the EyeTV icon in the Dock displays a red dot in place of the On Screen Controller.

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On Screen Menu

What is the On Screen Menu?

The On Screen Menu enables you to sit back and relax while you watch and record television on your Mac.

It works with the Apple Remote, and remotes that have been bundled with EyeTV products. It also has keyboard and mouse navigation.

How do I open the On Screen Menu?

There are a number of ways to enter EyeTV's On Screen Menu. While EyeTV is running, either

a) Press **Command-Esc** on the keyboard, or
b) Press and hold the **Menu** key on the Apple Remote, or
c) Press the **Enter** key on the silver EyeTV remote control, or
d) Press the **OSD** key on the black EyeTV (Terratec) remote control, or
e) Select **Open Menu** from EyeTV's **View** menu.

How is the On Screen Menu organized?

The Main Menu of the On Screen Menu includes these options:

Details - More information about the currently playing video
Recordings - A list of all recordings in your EyeTV Library, organized by playlists
Channels - A list of the channels you have available. The title of the current program on each channel will be listed, if available.
Guide - The Program Guide will be shown - it can be used to select shows to record.
More - Leads to the next page of the On Screen Menu.

If you select More, then you will see a second page of options:

Live TV - Allows you to pick from the following options: Resume Playing, Mute, Picture-in-Picture, Favorite Channels, Input, Last Channel, Go to Live, Record, Aspect Ratio, Closed Captions, Audio Channels.
Schedules - Lists all scheduled recordings. Select one to Delete, Disable, Export to iPod, Export to Apple TV, and Add to Playlist.
Settings - Allows you to pick from the following options: Display Options, Audio Output, Controls, and Sort Order.

How do I navigate the On Screen Menu?

To select an item and move a level down into its submenu, indicated by a small caret at the right edge of the screen, use either

a) The **OK** button on the EyeTV remote control, or
b) The **Play/Pause** button on the Apple Remote, or
c) The **Enter/Return** keys on your keyboard.

To go back up one level, press either

a) the **Enter** key on the silver EyeTV remote control, or

b) the **OSD** key on the black EyeTV (TerraTec) remote control, or

c) the **Menu** button on the Apple Remote, or

d) the **Esc** key on your keyboard, or

e) double click the title of the present level.

How do I close the On Screen Menu?

To exit the On Screen Menu, keep going back up one level by pressing either

a) the **Enter** key on the EyeTV remote control, or

b) the **OSD** key on the black EyeTV (TerraTec) remote control, or

c) the **Menu** key on the Apple Remote, or

d) the **Esc** key on your keyboard, or

e) click the (X) control at the top left corner.

How do I use the On Screen Menu with the Apple Remote?

To select an item and move a level down into its submenu, indicated by a small caret at the right edge of the screen, use the **Play/Pause** button on the Apple Remote

To go back up one level, press the **Menu** button on the Apple Remote.

When EyeTV is running:

Press the **Menu** button on the Apple Remote to enter Front Row.

Press and Hold the **Menu** button on the Apple Remote to enter the On Screen Menu.

You will be reminded of this behavior the first time you use the Apple Remote with EyeTV.

Use the **Up/Down** buttons on the remote control to scroll up and down the list of menu items. To select an item and move a level down into its submenu, indicated by a small arrow at the right edge of the

screen, press the **Play/Pause** button on the Apple Remote.

To go back up one level, press the **Menu** button on the Apple Remote.

To exit the On Screen Menu, keep going back up one level by pressing the **Menu** button on the Apple Remote.

How do I access recordings via the On Screen Menu?

Select the **Library** command in the **Recordings** section.

You can also browse and view individual Playlists that you have created, selecting individual recordings to view.

To change the sort order of recordings, between **Sort By Date** (latest first) and **Sort By Title** (alphabetically), select the **Sort Order** command in the **Settings** menu.

How do I schedule recordings via the On Screen Menu?

You can use the Program Guide built into the On Screen Menu to browse for upcoming shows, and schedule them for recording immediately, without leaving the On Screen Menu.

Any potential recording conflicts will be announced, and there is a separate Schedules section to further manage your upcoming recordings.

How do I watch Live TV via the On Screen Menu?

Select **More** at the bottom of the On Screen Menu. You will then see the option for Live TV.

You will have choices to Resume Playing, Mute, turn on Picture-in-Picture, select Favorite Channels,

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On Screen Menu

change the video Input, go to the Last Channel, and Go To Live. You can also Record, change the Aspect Ratio, show Closed Captions, and adjust Audio Channels.

Tip:

Put your Mac to sleep via the Apple Remote

1) Press the **Menu** button on the Apple Remote until you exit the On Screen Menu
2) Press the **Menu** button to enter Front Row
3) Press and hold the **Play/Pause** button for a few seconds to sleep your Mac

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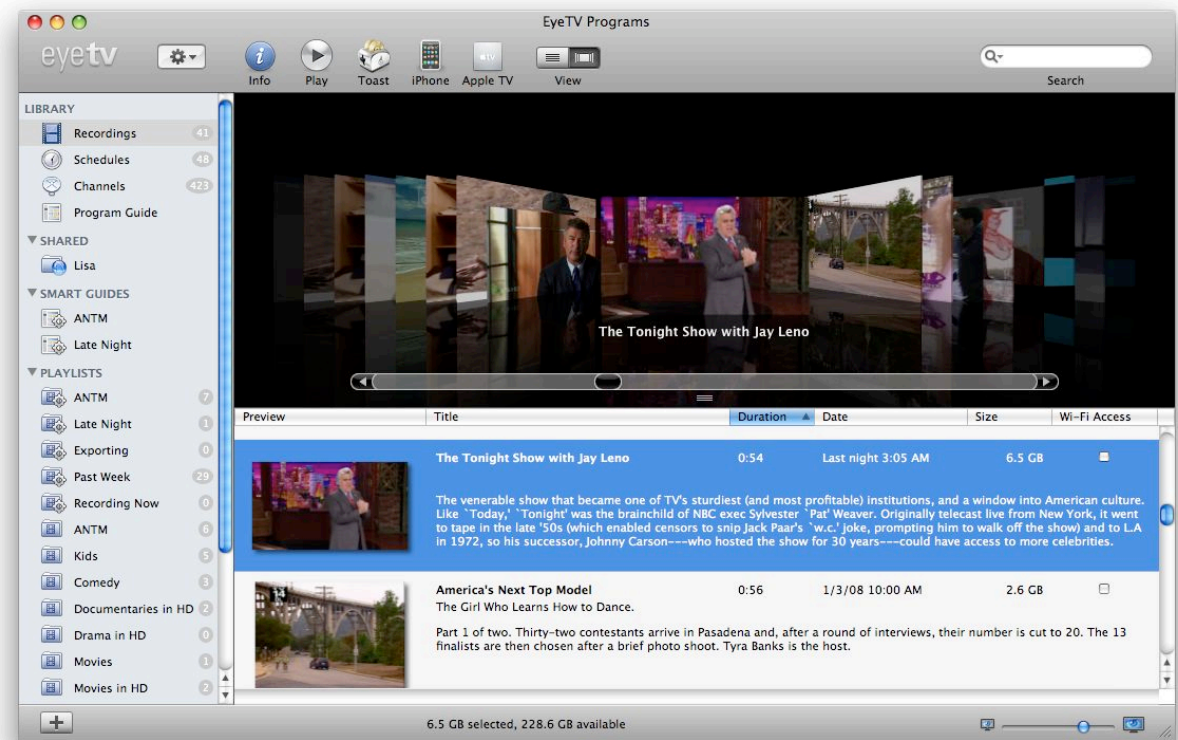
Programs Window

What is the EyeTV Programs window?

The EyeTV Programs window is the main interface to the application.

It is organized into a number of sections, accessible from the **Categories** column on the left. **Library**, **Shared**, **Smart Guides**, **Playlists** and **Channel**s are the default sections.

The **Library** section is sub-divided into **Recordings**, **Schedules**, **Channels** and **Program Guide**.

How do I open the EyeTV Programs window?

Choose **Show EyeTV Programs** from the **Window** menu, and the EyeTV Programs window will appear.

You can also press the button at the top right corner of the On Screen Controller, to open the EyeTV Programs window.

How do I use Cover Flow in the EyeTV Programs window?

When using EyeTV under OS X 10.5 (Leopard), an extra button will appear at the top of the Recordings section. That **View** button can be used to turn Cover Flow mode on or off.

When using EyeTV under OS X 10.4 (Tiger), that button will not appear, and Cover Flow mode can not be started.

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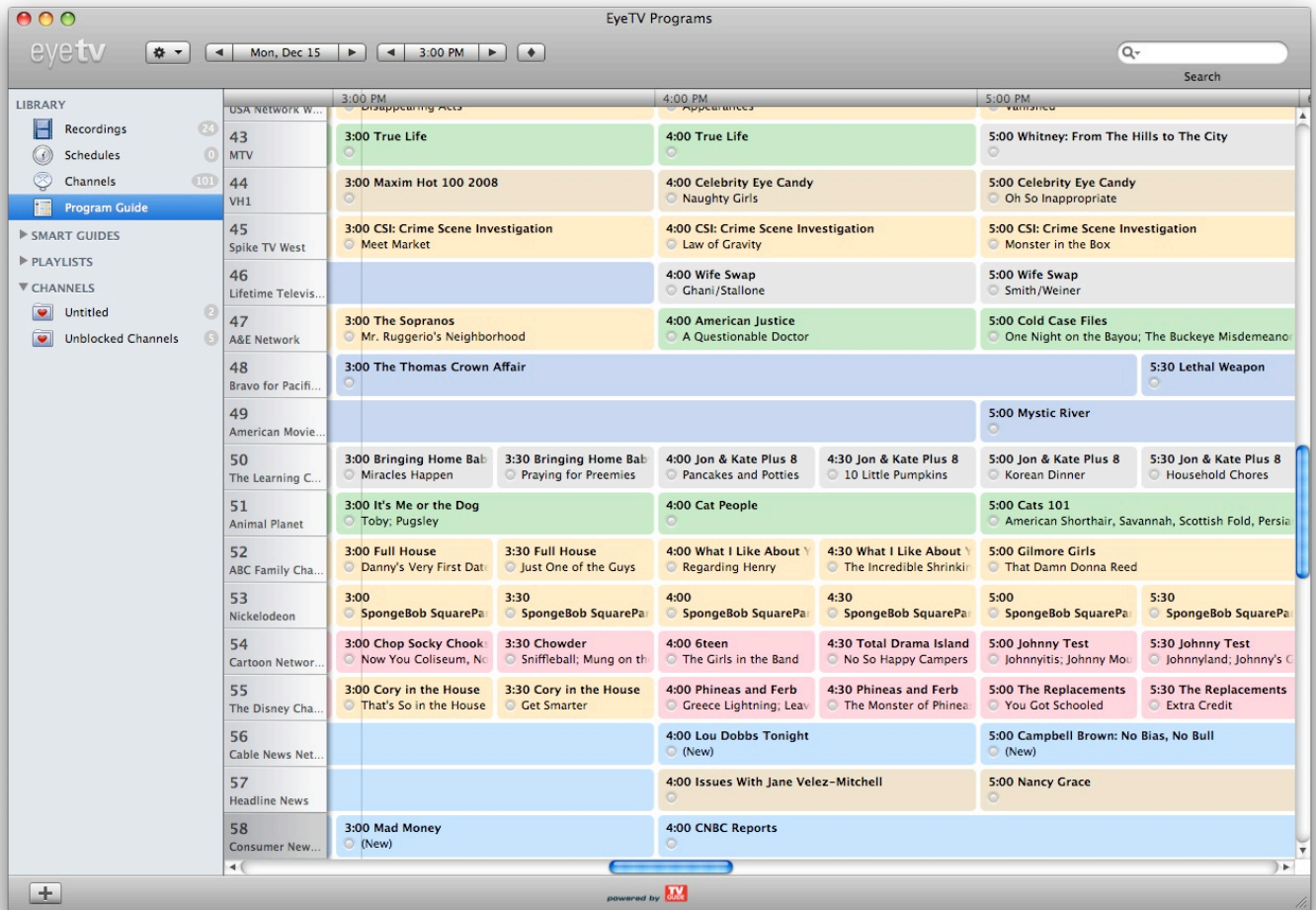
Program Guide

What is the Program Guide?

EyeTV has a built in Electronic Program Guide (EPG), that lists upcoming programs available for viewing or recording. Information for that list is gathered from online sources like TV Guide, tvtv and IceTV, depending on where you live.

How do I set up the Program Guide?

To set up the Program Guide for the first time, start the **EyeTV Setup Assistant** from the **Help** menu. After you Auto Tune, EyeTV will prompt you for certain information, like your zip code for those in the US.

Then, the **Program Guide** section will then list upcoming programs. These programs will be in a grid format, with the colors representing like genres, such as movies or news.

If you need to update your **Channel Lineup**, that option is in the **Action** menu of the **Channels** section. To update the **Guide**, that option is in the **Action** menu of the **Program Guide** section. You can also use the **Guide** section in the **Preferences**.

How do I use the Program Guide to find content?

At the top right corner of the EyeTV Programs window, there is a field to enter words for a search. For example, if you want to find all instances of The Simpsons, then enter "Simpsons". Then, the Program Guide section will temporary narrow down, to only show the results of that search. You can save your search as a Smart Guide (see next chapter) that constantly records the results of your search.

Erase the search terms from the box, to bring things back to normal.

How do I use the Program Guide to schedule?

To add a schedule using the EyeTV Program Guide, select the **Program Guide** section in the **EyeTV Programs** window. You will see information about upcoming programs, using information from TitanTV, tvtv, or other sources, depending on your location. Clicking the red RECORD button next to a program tells EyeTV to schedule the program to be automatically recorded.

How do I use the Program Guide to record?

To immediately record using the EyeTV Program Guide, select the **Program Guide** section in the **EyeTV Programs** window. You will see information about upcoming programs, using information from TV Guide, tvtv, or other sources, depending on your location. If a scheduled item has already started, but it not yet over, then clicking the red RECORD button next to the program tells EyeTV to record the program already in progress.

What do the colors mean in the Program Guide?

Grey - Default, no particular genre
Orange - Series
Dark Blue - Movie
Yellow - Music

Turquoise - Sports
Light Blue - News
Red - Childrens
Green - Documentary

Coverage Details

See the Appendix for more details about the different programming guides that EyeTV supports:

TVTV for several European countries
TV Guide for the USA and Canada
IceTV for Australia

EyeTV can also build an EPG from information contained in a digital broadcast (DVB, ATSC or ISDB-T. The "built-in" EPG offers significantly less information and covers fewer days than the EPG downloaded from an EPG service, but it is an alternative for users without an active subscription, or those in a country currently not served by an online EPG service.
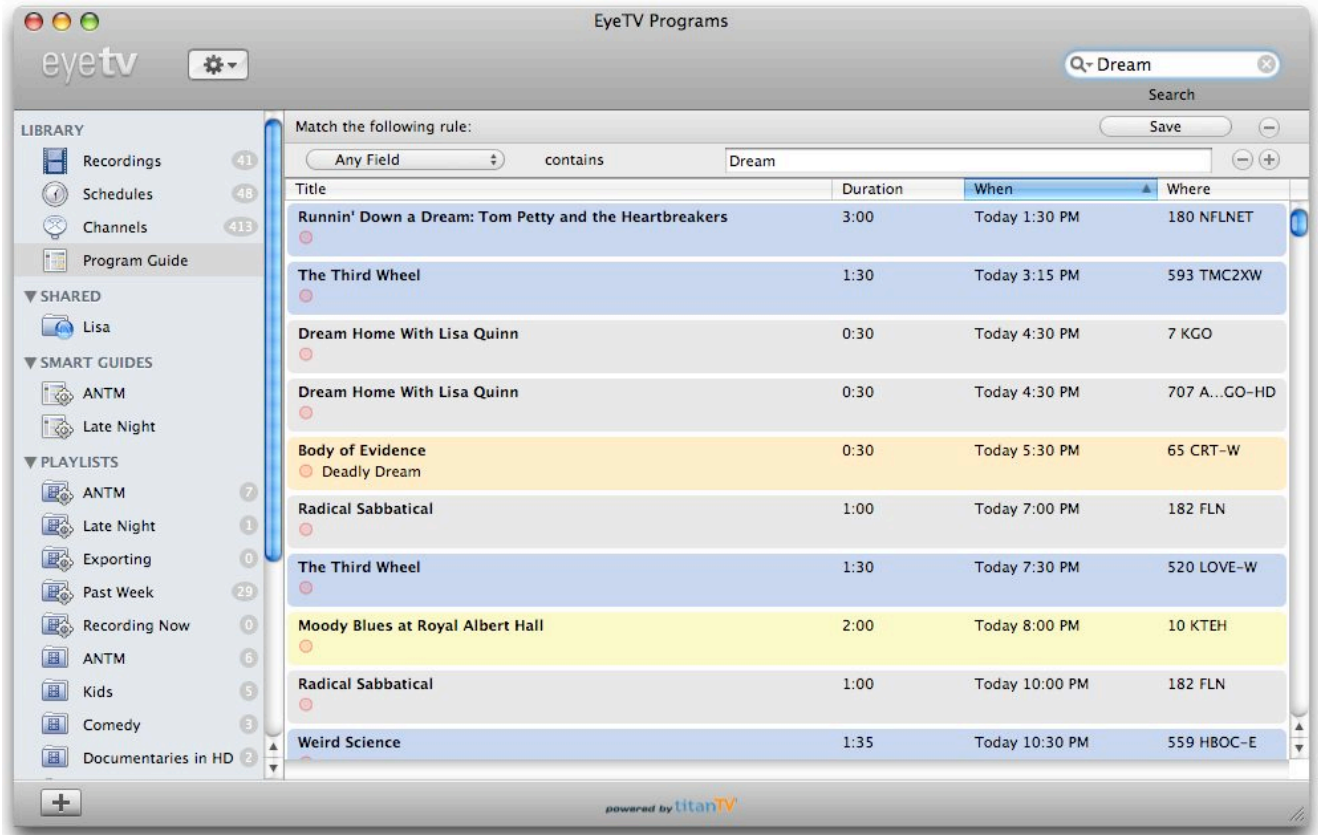
Smart Guides

How do I create a Smart Guide?

Smart Guides are automatic searches, that will constantly examine the Program Guide for shows you want to see.

To make a Smart Guide, start your search in the electronic program guide window, modify or further refine the search using the criteria below, then simply click **Save** to save the results.

Or, you can choose **New Smart Guide...** from the **File** menu, or press the **+** button at the bottom left corner of the **EyeTV Programs** window.

The **Smart Guides** section of the **EyeTV Programs** window will list every Smart Guide that you've created. You can rearrange their order by dragging and dropping.

How do I use Smart Guides?

Smart Guides are automatic searches, that will constantly examine the Program Guide for shows you want to see.

After you name your Smart Guide, enter one or more search terms you want to use.

You can add or subtract criteria by using the **+** and **-** buttons.

Here are the categories you can search within:

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Any Field
Title
Episode Title
Description
Actors
Director
Content
Genre
Year
Duration
Date
Start Time
Stop Time
Day of Week
Channel Name
Channel Number
Favorite Channels
HDTV
Repeat
Episode Number
Episode Count

As you change the search criteria, the guide will automatically update.

What recording options are there with Smart Guides?

Click on an entry to find out more about that program, or to use the **Add Schedule** button. You can also choose to record it by pressing the pink circle underneath the name of each item in the Smart Guide.

Press the **Options** button if you would like your Smart Guide to automatically **Record All Matches** of the programs that it finds. You have the option to add these recordings to a certain playlist, or to export them to iTunes, in the iPod, iPhone or Apple TV formats. You can also let EyeTV create the corresponding "Smart Playlist" that will contain the subsequently recorded programs.

Finally, you can tell EyeTV to keep only a certain amount of recordings. You may be recording 10 items each week using a Smart Guide, but if you select "Keep 5 shows", then only the last 5

recordings for that Smart Guide will be saved - the rest will be deleted. This will let you give a rough limit for how much hard drive space each Smart Guide will use for recordings.

How do I remove a Smart Guide?

Smart Guides are automatic searches, that will constantly examine the Program Guide for shows you want to see.

To permanently remove a Smart Guide, highlight it and press the **Delete** key on the keyboard. That will not delete any recordings or schedules associated with the Smart Guide; it will only remove that specific automatic search.

How do I automatically record all episodes from one series?

A **Smart Series Guide** is a special Smart Guide, that records all episodes of a certain series on a certain channel.

The default settings of a new Smart Series Guide are to record all matches, create a new playlist to contain those recordings, and to not limit the amount of items recorded.

A Smart Series Guide will examine your EyeTV Library, and will not record an episode if it already

exists in your collection - that unneeded schedule will be skipped.

How do I create a Smart Series Guide?

Open the **Program Guide** section of the EyeTV Programs window, and find an episode of a series you want to record.

Click on the colored rectangle surrounding the title of that episode, to see the **Details View**.

Press the **Record All** button at the bottom of the Details View, to create a Smart Series Guide

You can also use the Program Guide in the **On Screen Menu** to select an episode. Then, press the **Record All** button to create a Smart Series Guide.

Creating a Smart Series Guide automatically creates a corresponding **Smart Playlist**.

How do I delete a Smart Series Guide?

To permanently remove a **Smart Series Guide**, highlight it and press the **Delete** key on the keyboard. That will delete any schedules already associated with the Smart Series Guide, but it will not delete any recordings.
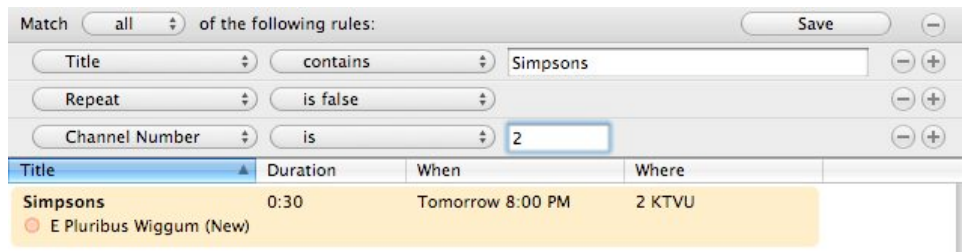
Tip: Narrow down your Smart Guide search

Here is a specific example of how to narrow down a Smart Guide search. We are looking for new episodes of the "Simpsons" that are on one specific channel. Start from the main EPG window's search field by typing "Simpsons". Then change the "Any Field contains Simpsons" condition to "Title contains Simpsons" (to avoid catching Simpsons that appear on late nate comedy channels). Then add the "Repeat is false" condition to get only the new episodes, and the "Channel is 2" condition (because there are several cable channels carrying new Simpsons episodes).

In this way, you'll only find the new episodes of the Simpsons and won't have to weed out the duplicates afterwards.

Tip: How to keep a specific Smart Guide recording from being automatically deleted

If you've set a Smart Guide recording to keep the latest 5 episodes, EyeTV won't keep more than 5 of them. To save a specific recording from being auto-deleted, highlight it in the Programs window, then click the Action menu (that looks like a gear) and select "Keep Recording".

Schedules

How do I manually schedule a recording?

To add a manually scheduled program, select the **Schedules** section, click the **New** button at the top of the window and fill in the program's parameters, including Title, Episode, Description, Date and Time (When), Duration, Repeats and what channel or input (Where).

You can also set a schedule to add its recording to a particular Playlist, and to export to the iPod or Apple TV format after recording completes. That will export to a H.264 format, and add the item to an "EyeTV" playlist in the iTunes Library.

How do I use the Program Guide to schedule?

To add a schedule using the EyeTV Program Guide, select the **Program Guide** section. This section brings up information about upcoming programs, using information from TitanTV, tvtv, or other sources, depending on your location. Clicking

the red RECORD button next to a program tells EyeTV to schedule the program to be automatically recorded.

How do I edit a schedule?

Existing schedules will appear in the **Schedules** section of the **EyeTV Programs** window with an icon of a clock next to them. To edit a schedule, highlight it and either press the **Info** button on the top of the **Schedules** section, or select **Edit Schedule** from the **Action** menu.

How do I repeat a schedule?

Existing schedules will appear in the EyeTV Programs window > Schedules section with an icon of a clock next to them. To repeat a schedule, highlight it and either press the **Info** button on the top of the **Schedules** section, or select **Edit Schedule** from the **Action** menu. Then, adjust the Repeat menu, which includes Daily, Weekly, Weekdays and Custom options.

How can I set a recording limit for a schedule?

You can tell a schedule to keep only a certain amount of recordings. If you select a value for **Repeats**, then you can also enter how many shows should be kept.

You may be recording 5 items each week using a schedule, but if you select **Keep 2 shows**, then only the last 2 recordings for that schedule will be saved - the rest will be deleted. This will let you give a rough limit for how much hard drive space each schedule will use for recordings.

How do I delete a schedule?

Existing schedules will appear in the **Schedules** section of the **EyeTV Programs** window with an icon of a clock next to them. To permanently remove a

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Schedules

schedule, highlight it and either press the **Delete** key on the keyboard, or select **Delete** from the **Action** menu.

How do I deactivate a schedule?

Existing schedules will appear in the **Schedules** section of the **EyeTV Programs** window with an icon of a clock next to them.   The checkbox to the left of the schedule's name allows you to enable or disable it. Only enabled schedules will create recordings; disable a recording if you don't want to use it now, but perhaps want to turn it on again later.

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25 Things You Didn't Know About TV Detectives   Recording   8 seconds of 0:30

A look at private eyes on TV.
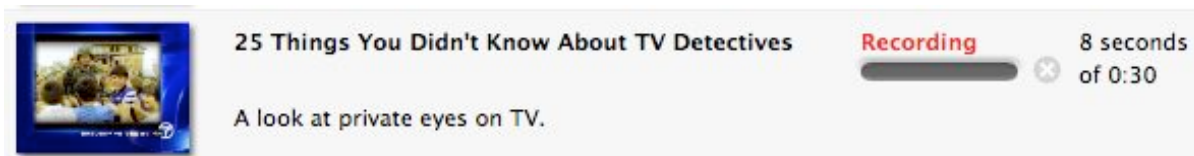
Recordings

How do I find a recording?

Each time you record something using EyeTV, a new entry will be added to the list in the **Recordings** section of the **EyeTV Programs** window.

During the recording process, there will be a progress bar, listing the time elapsed, and total duration.

You can use the search box at the top right corner of the **Recordings** section to find specific recordings by name.

How do I watch a recording?

After you find your recording in the in the **Recordings** section of the **EyeTV Programs** window, double click on it and it will immediately start playing.

If you've never watched it before, it will start at the beginning. If you've watched part of it before, it will start at the point you last closed it.

How do I tell if a recording has not yet been played?

In the **Recordings** section of the **EyeTV Programs** window, recordings that have not yet been watched will display a blue badge over their thumbnail picture.

How do I mark a recording as Watched or Not Watched?

EyeTV has a contextual menu to flag a recording as **Watched** or **Unwatched**. Select the recording in the **Recordings** section of the **EyeTV Programs** window, then choose the appropriate option from the action or contextual menus. A filter for Watched recordings is available when making a **Smart Playlist**.

How do I delete a recording?

After you find your recording in the in the **Recordings** section of the **EyeTV Programs** window, highlight it and then press the **Delete** key. You will be asked to confirm the deletion. You can also use the **Action** menu to select **Delete**.

If the recording was associated with a repeating schedule, the repeating schedule will not be deleted.

How do I edit a recording?

After you find your recording in the in the **Recordings** section of the **EyeTV Programs** window, highlight it and then select **Open Editor** from the **View** menu. You can also use the **Action** menu to select **Edit**.

When a recording is playing, press the grey button at the top right corner of the window, on the title bar. That will also open the editor.

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How do I export a recording?

All recorded programs can be exported to a QuickTime file for use in other programs. Perform the following steps to save a recorded program as a QuickTime movie:

• Open the **EyeTV Programs** window and select the video recording you wish to save by clicking on it once to highlight it
• Choose **Export...** from the **File** menu, or from the **Action** menu (which looks like a gear).

Under Format, you will have a number of preset options. EyeTV will create the correct files for use with those applications. You can also choose the specific format you prefer.

How do I sort recordings?

Recordings are sorted by Title, Duration, Date and Size. To sort the **Recordings** section, click on one of the columns, like the Date column, and the sort will happen. Click again to reverse the order. You can change the order of the columns, by clicking on the label, and then dragging it to the left or right.

Tip: Use Playlists and Smart Playlists to organize your Library

Once the total number of recordings in your EyeTV Library starts creeping towards triple digits, it's time to organize your library. Instead of typing "Simpsons" into the search field each time you want to watch the latest episode, create a playlist or a Smart Playlist that finds the recordings. Both types of playlists appear in the EyeTV Programs window's "Playlists" section, and are described later in this manual.

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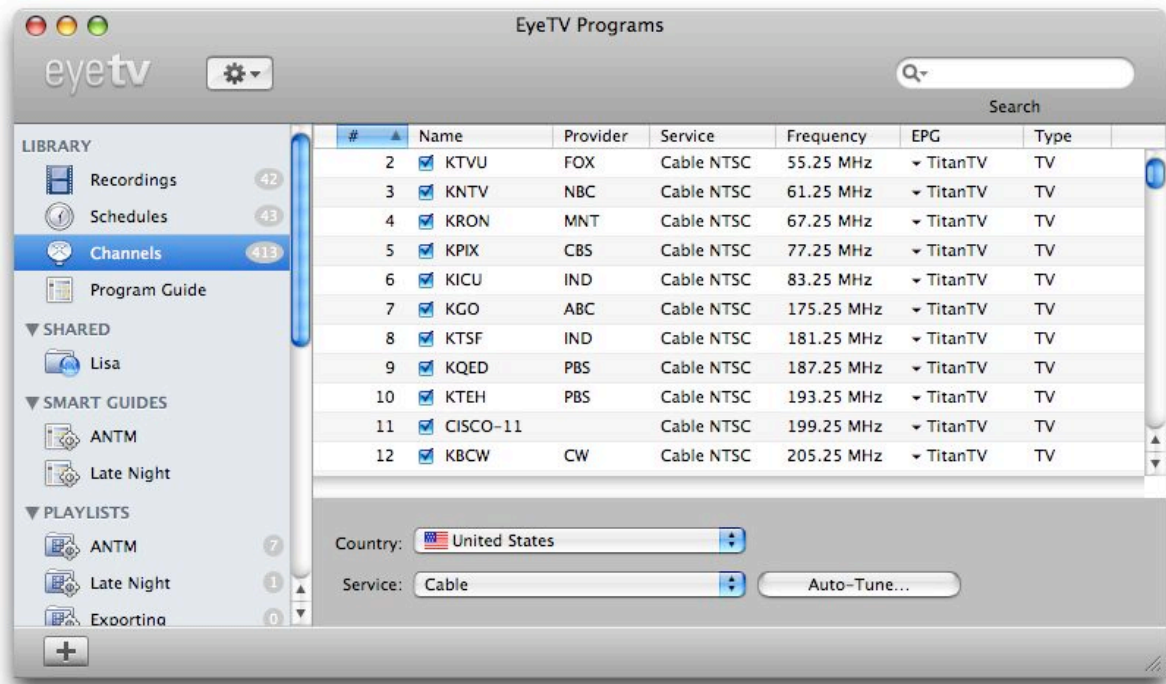
Channels

What are channels?

EyeTV compatible hardware devices have built in tuners, to select channels. The type and amount of channels depends on what video source your particular device is using.

Typically, antenna and cable sources can be used to find channels, via the tuner input.

EyeTV can also receive channels from some networked devices, like the HDHomeRun or Freebox.

How do I detect channels?

To detect channels, you need to use the **Auto Tune** process. This is usually done via the **EyeTV Setup Assistant**, located in the **Help** menu. If you need

to tune again, at the bottom of the **Channels** section there are controls to select your **Country** and **Service**, and then to **Auto Tune**. The tuning will take a few minutes, and will find all possible channels for that service.

If some channels are missing, you can select the **Exhaustive Scan** option before using **Auto Tune**.

If you want to Auto Tune to only find newly available channels, without removing the current channel list, then you can select **Advanced**, and then choose the **Update Scan** option before using **Auto Tune**.

How do I listen to FM radio?

A few EyeTV products have a tuner that can receive FM signals. You can use an antenna, and in some cases cable TV service will also have rebroadcasted FM channels.

To detect channels, you need to use the **Auto Tune** process. This is usually done via the **EyeTV Setup Assistant**, located in the **EyeTV** menu. You can also detect channels at the bottom of the **Channels** section, where there are controls to select your **Country** and **Service**, and then to **Auto Tune**.

For your **Service**, choose **Analog - FM Radio**. The tuning will take a few minutes, and will find all possible FM radio channels.

How do I search for channels?

To search for particular channels, use the **Search** field at the top right corner of the **Channels** section in the **EyeTV Programs** window. The listing will become more restrictive with each additional character entered.

How do I change channels?

Once the Auto Tune is complete, your channels will appear in the **Channels** section, in numerical order. Double-click on the name of a channel to have EyeTV tune to that channel, and show it in the **Live TV Window**.

How do I rename channels?

Changing the name of channels is not recommended, since it may affect the performance of the Program Guide.

If you do need to change the name of a channel, highlight it in the **Channels** list, and choose **Rename** from the **Action** menu (which looks like a gear).

How do I sort channels?

Channels are sorted by Number, Name, Provider, Service, Frequency, EPG, and Type. To sort the **Channels** section, click on one of the columns, like the Name column, and the sort will happen. Click again to reverse the order. You can change the order of the columns, by clicking on the label, and then dragging it to the left or right.

How do I delete a channel?

Channels can be deleted from within the Channels section of the EyeTV Programs window. Simply select the channel to be removed and press the Delete key. "Delete Channels" can also be selected from the Contextual and Action Menus.

How do I make a favorite channels list?

At the bottom left corner of the **EyeTV Programs** window there is a button with a **+** sign. Use that to name and add a **Favorite Channels** list. Or, select **New Favorite Channels** from the **File** menu.

If you drag channels from the **Channels** section to an empty space in the **Categories** column, you will automatically create a new Untitled **Favorite Channels** list. Rename it using the **Action** menu.

How do I use a favorite channels list?

Once you create a **Favorite Channels** list, you can drag items to it, from the **Channels** section.

Items in a **Favorite Channels** list can be sorted, added or deleted, without changing the full **Channels** section. Use a **Favorite Channels** list to create a subset of channels you like to visit.

A small remote control icon will appear next to the active **Favorite Channels** list. You can activate a favorites list via the on screen controller, or by clicking on its name. When a **Favorite Channels** list is activated, only that lineup can be used for Live TV. If no **Favorite Channels** list is active, then all channels will be available to select from.

How do I save a channel set?

After you Auto Tune, a listing of all available channels is created. That channel set can be saved via the **EyeTV Programs** window, in the **Channels** section. Choose **Save Channels...** from the **Service** pop-up menu, and name your **Saved Channel Set** as you see fit.

Saved channel sets will be listed in the **Service** menu.

How do I edit a channel set?

In the **Channels** section of the **EyeTV Programs** window, choose **Edit...** from the **Service** pop-up menu. This brings up the **Manage Channel Sets** window.

The active channel set will have a blue circle next

705	**CBS KPIX-DT**	4:30 PM Horseland
707	**ABC KGO-HD**	4:30 PM Dream Home With Li
709	**PBS KQED-HD**	4:00 PM The Brain Fitness P
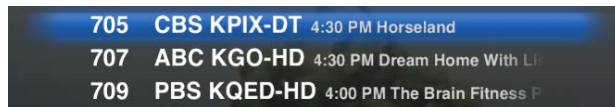
to it. After highlighting a channel set, you can use

705	**CBS KPIX-DT**	Next: 5:00 PM This Old House
707	**ABC KGO-HD**	Next: 5:00 PM ABC7 News at
709	**PBS KQED-HD**	Next: 5:30 PM Happiness Pr
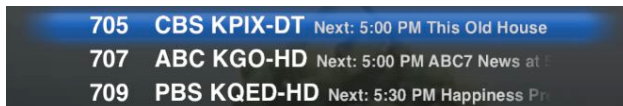
the **Duplicate** or **Delete** buttons.

You can also **Export...** channel sets, which helps if you are installing EyeTV on another computer, or if you visit many different locations regularly - you can have a channel set for each location. Exported channel sets will be saved to the Desktop, but you can move them to anywhere on your computer. Double-clicking them will load them into EyeTV.

If you want to load a set you may have exported in the past, use the **Import...** button. If an identical set

already exists, the new set will have "Copy" as a suffix.

Tip:
Quickly see what's on, and what's on next for each channel

Open the EyeTV On Screen Menu by typing in the first few characters of the channel's name or number. The EyeTV On Screen Menu appears automatically, and the currently running show is displayed next to each channel:

Now, press the right arrow (on the keyboard, or on an infrared remote control), and EyeTV displays what's on next:

Scroll to the channel you want to watch or record, and press Enter. It's a quick and easy miniature programming guide in your channel list.

Playlists
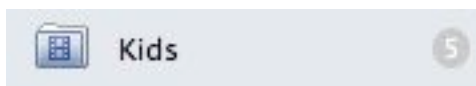
What is a Playlist?

A **Playlist** is like a folder, that you can fill with one or more recordings from your entire **EyeTV Library**.

The original recordings are not removed from the **EyeTV Library**, but a link to them can be stored in a **Playlist**. This allows you to categorize your recordings for easier file management.

How do I add a Playlist?

At the bottom left corner of the **EyeTV Programs** window there is a button with a **+** sign. Use that to name and add a **Playlist**, which is a grouping of recordings. Or, select **New Playlist** from the **File** menu.

If you drag items from the **Recordings** section to an empty space in the **Categories** column, you will automatically create a new Untitled **Playlist**. **Rename** it using the **Action** menu.

There is no limit to how many **Playlists** you can create.

How do I use Playlists?

Once a **Playlist** is added to the **Categories** column, you can drag items to it, from the **Recordings** section.

Each **Schedule** can send recordings to a specific playlist. To do so, highlight a schedule in the **Schedules** section, choose the **Info** button, and then press the **Edit Schedule** button. At the bottom of that **Schedule Info** window, you can choose a playlist.

What is a Smart Playlist

A **Smart Playlist** is like a folder, that is automatically filled with one or more recordings from your entire **EyeTV Library**. Items in **Smart Playlists** are chosen due to specific criteria of your choosing, like a certain string of text in the title, or recordings from a certain channel.

The original recordings are not removed from the **EyeTV Library**, but a link to them can be stored in a **Smart Playlist**. This allows you to automatically categorize your recordings for easier file management - when new recordings are made, they will join **Smart Playlists** that they fit under.

EyeTV comes with certain **Smart Playlists** pre-installed, like Exporting, Recording Now and Past Week. You can add your own favorite **Smart Playlists** to this list.

How do I add Smart Playlists?

At the bottom left corner of the **EyeTV Programs** window there is a button with a **+** sign. Use that to name and add a **Smart Playlist**, which is a grouping of recordings that is automatically created, due to criteria you select. Or, select **New Smart Playlist** from the **File** menu.

There is no limit to how many **Smart Playlists** you can create.

Automatically create a Smart Playlist

While creating a **Smart Guide**, you can also create a **Smart Playlist** that corresponds to the Smart Guide and that automatically "fills up" with the

recordings that happen according to the Smart Guide's rules.

New Simpsons Episodes

leads to:

New Simpsons Episodes 0
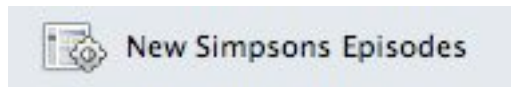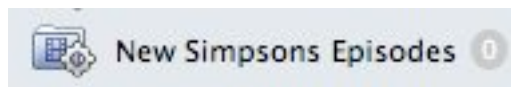
How do I use Smart Playlists?

Before a **Smart Playlist** can be used, it should be given a name, and then you will need to choose one or more rules to narrow down what items will appear in it. Those rules are:

Title
Episode Title
Description
Actors
Director
Content
Genre
Year of Production
Duration
Size
Date Recorded
Channel Name
Channel Number
Currently Recording
Has Video
HDTV
Has Wi-Fi Variant
Currently Exporting
Currently Compacting
Playlist
Smart Guide
Watched
Last Played

All **Smart Playlists** must have at least one rule. To add a rule, press the **+** button next to the last

existing rule. To remove a rule, press the **-** button next to the rule you want to remove.

If **Show Live Update** is selected, then your **EyeTV Library** will be shown, and as you change the **Smart Playlist** rules, the list will automatically update. This serves as a preview of what sort of files the **Smart Playlist** will capture.

Editor

What are the parts of the the editor?

There are a number of items in the editor:

Timeline: The horizontal bar represents the overall length of the recording. Light blue sections mark the clips of video. The yellow section in the screenshot is the currently selected clip. The currently selected clip can also be saved as a QuickTime movie or EyeTV recording. In this example, the selected clips are commercials that will be discarded later.

Playhead: A large white triangle above the timeline indicates which point in the recording is currently playing (or paused). Use the spacebar to toggle between play and pause. All navigational features of the EyeTV Remote and menus are also available, e.g. Fast Forward, Reverse, and so on.

Thumbnails: The lower row of small pictures represents the beginnings of individual scenes in the recording. There are two levels of detail for the thumbnails. When Fine resolution is not selected, each thumbnail starts at the beginning of a scene transition, as determined by the EyeTV hardware.

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When Fine is chosen, the thumbnail is at the beginning of groups of pictures, usually around 15 frames, which represent approximately half a second of video.

Markers: Pairs of smaller triangles beneath the time line are designed to bookend the clip you want to cut (or that you want to export) from the recording. There are no markers visible for a new recording.

To add a marker, use the button in the center of the editor, beneath the timeline. Press this button to add a new pair of markers at the current Playhead position. Markers are preserved with the recording when the editor drawer is closed. This allows you to begin editing your recording and save your work during interruptions.

To delete a marker group, click either one of the pair, and press the **Delete** key. To clear all markers, use the **Clear All Markers** command in the **Action** menu (which looks like a gear).

Arrow keys: The arrow keys on the keyboard have different functionality depending whether the editor drawer is visible or not. When the editor is visible the right and left arrow keys can be used to navigate between thumbnails. When the editor is closed, and EyeTV is playing over a clip marked for deletion, the right arrow skips playback to the end of the clip.

How do I open the editor?

After you find your recording in the in the **Recordings** section of the **EyeTV Programs** window, highlight it and then select **Open Editor** from the **View** menu. You can also use the **Action** menu to select **Edit**.

When a recording is playing, press the grey button at the top right corner of the window, on the title bar. That will also open the editor.

How do I use the editor to select and remove content?

1) After you find your recording in the in the **Recordings** section of the **EyeTV Programs** window, highlight it and then select **Open Editor** from the **View** menu. You can also use the **Action** menu to select **Edit**. Or, use the second mouse button, which opens a context menu where you can choose the **Edit** command.

2) The recording will open, and there will be editing controls at the bottom of the window. Note the upside down triangle above the blue bar, that's the **Playhead**.

3) Press the **Space Bar** to pause the recording, and then move the **Playhead** to the beginning of the recording.

4) Now, move the **Playhead** to the first section you want to cut out. You should also press the **Fine** button, to see more detail.

5) At the middle bottom of the screen there is a circular button with two triangles in it. That's the **Add Markers** button. Press it to add a pair of markers at the beginning of the clip.

6) Move the marker on the right slowly to the right, or click on the thumbnails on the right side of the screen. The footage will slowly jump ahead, and then you can highlight the last frame you want to cut. The blue bar should now be yellow, meaning that the clips are selected.

7) The Compact command is accessed by using the Action menu at the bottom right corner of the Editing window (it looks like a gear/cog).

Either choose **Compact** now, or select more clips and then press it at the end. The **Compact** button will remove all of the clips permanently from your footage.

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How do I export from the editor?

Any part of a recording can be saved as a separate movie. Use the editing tools to mark your favorite scene or video clip. Click into the marked area so that it is highlighted yellow, then choose **Export Clip** from the **Action menu**.

Exporting will not permanently affect the original recording.

How do I save content from the editor?

Any part of a recording can be saved as a separate EyeTV recording that is listed in the **EyeTV Programs** window. Use the editing tools to mark a clip so it is highlighted in yellow, and then choose **Save Clip as Recording** from the **Action** menu.

Saving a clip will not permanently affect the original recording. The new clip will appear in the **Recordings** section of the **EyeTV Programs** window.

How do I break a long recording into smaller chunks?

Mark off the first section of your recording, and then choose **Export Clip** from the **Action** menu and save the first chunk. Repeat until done - if you just want two sections, then using the **Invert Markers** command from the **Action** menu would be useful. **Invert Markers** would highlight the section you haven't exported yet.

What are the keyboard shortcuts for the editor?

⌫ Delete deletes a marker
→ Right arrow skips to next thumbnail to the right
← Left arrow skips to next thumbnail to the left
⇥ Tab selects the next marker
⇧ ⇥ Shift-tab selects the previous marker
↩ Return sets a new marker

⇧C Shift-C   presses the Compact button
⇧F Shift-F   switches to Fine
⇧N Shift-N switches to Normal
⇧M Shift-M toggles between Normal and Fine

Tip:

 Match the aspect ratio to what's being edited

If you're editing a recording that is in 16:9 format and would like to eliminate the 4:3 content, it can be disturbing to see the entire player window's aspect ratio change automatically when the playhead hits the areas of the recording that are at 4:3 aspect ratio. To avoid this, match the editor's aspect ratio to the content that you are editing. Select **Aspect Ratio > 16:9** from EyeTV's **View** menu.

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Picture In Picture

How do I start Picture in Picture?

You must have two video windows open to use PiP:

1) A Live TV window and a recording window
2) Two Live TV windows
3) Two recordings windows.

To have two Live TV windows, you need to have multiple tuners - perhaps by using a device like EyeTV Diversity (which has two tuners for DTT), or two EyeTV devices connected to your Mac.

There are 3 different ways to enter **Picture in Picture (PiP)** mode:

1) Select **Picture in Picture** from the **View** menu.
2) Press **Control-Shift-P** on the keyboard.
3) Use the contextual menu while EyeTV is playing back with two player windows.

You can also enable and control **PiP** from within EyeTV's **On Screen Menu**. In the **On Screen Menu** select **Recordings**, and start playback of a recording. Enter the **On Screen Menu** and select **Picture in Picture**, and then **Show**.

How do I use Picture in Picture?

EyeTV will display both player windows. The sound will come from the larger, primary player window. Move the mouse over the secondary window to display the four commands available:

Off — toggles off PiP display
Rotate — cycles placement of the secondary window between the following positions:

top left corner
top right corner
bottom right corner
bottom left corner
vertical split screen
horizontal split screen
second monitor (if available)

Swap — swaps the content of primary and secondary windows
Focus — playback controls affect secondary window
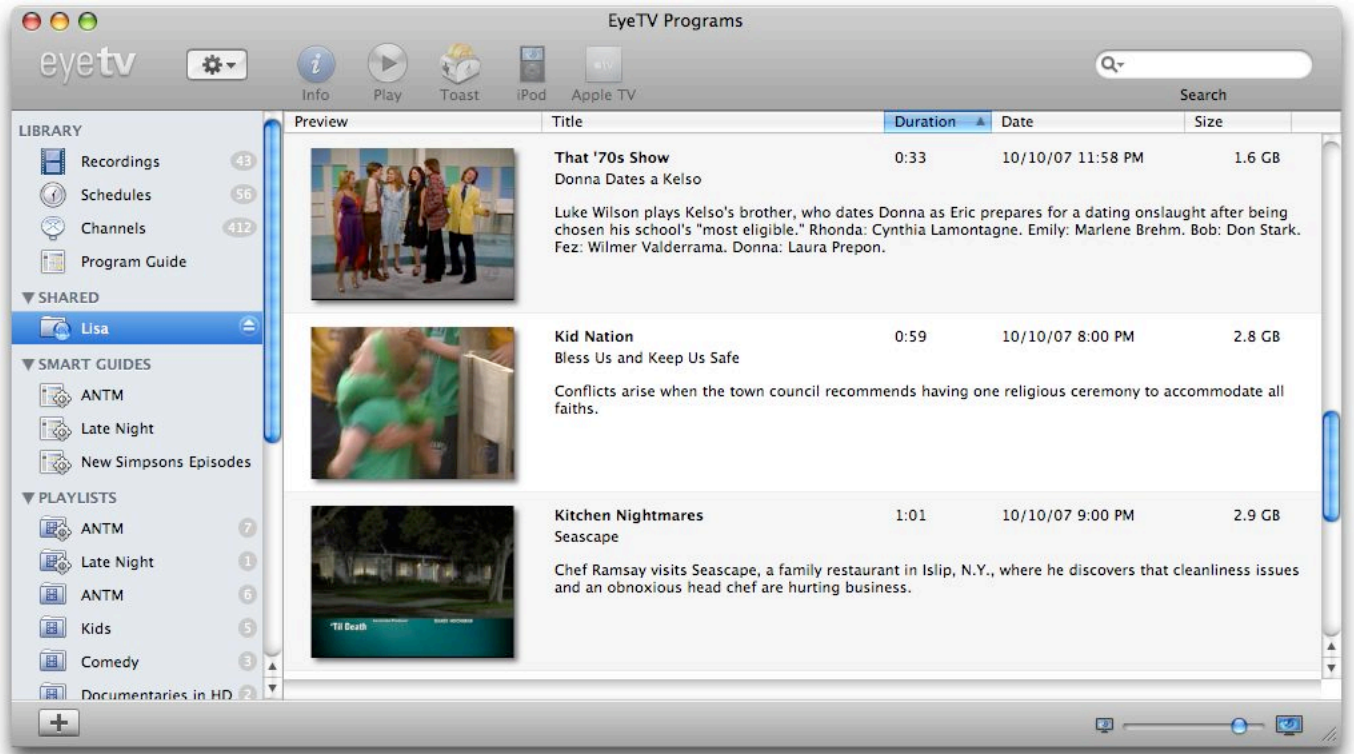
EyeTV Sharing
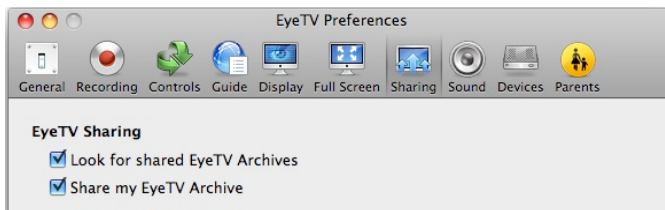
How do I share my EyeTV Archive with others?

If you have more than one **EyeTV Archive** in your local network, each EyeTV installation can have read-only access to the other libraries.

To use this feature, visit the **Sharing** section of the **Preferences**. Check **Share my EyeTV Archive** - that will make your EyeTV Archive available to other users. Then select the **Look for shared EyeTV**

Archives option. That will let you access the archives of other EyeTV users on your local network (who must have enabled EyeTV Sharing as well.)

How do I access Archives from other Macs?

The **EyeTV Programs** window has a **Shared** section. Open it via the triangle, and any shared **EyeTV Arcives** on your local network will be listed. Select one to browse that library, and double-click on any entry to start watching.

Any shared recordings you watch are not copied to your Mac, just streamed at the original resolution. You cannot edit or erase those recordings - you have read only access.

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Can I watch Live TV via sharing?

At this time, you cannot watch Live TV from another Mac via the **Sharing** feature. However, you can view a shared recoding already in progress - just select it to start viewing.

Tip:

EyeTV Sharing requires all participants to be connected in the same network and subnet

Make sure that all Macs are on the same network and share the same subnet. To make EyeTV Sharing work from a Mac with a wired network connection to a wireless network connection (or vice versa), your wireless base station should be set up to create a bridge between the wired and wireless networks.

EyeTV Sharing and the Mac OS X 10.5 Firewall

To make EyeTV Sharing work with the Mac OS X 10.5 Firewall, you'll need to add both the EyeTV application and the EyeConnect service to the Firewall's list of applications and services that are allowed network access.

The EyeConnect service is a component that gets installed by EyeTV to:
 /Library/Application Support/EyeConnect/EyeConnect.app.

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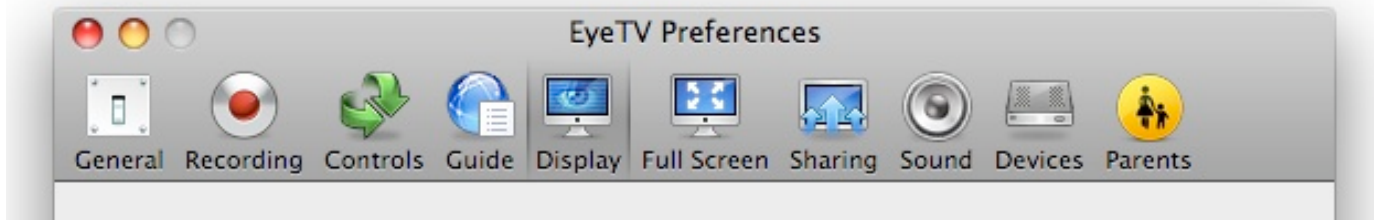
Preferences

Preferences

How do I change the export format to iTunes?

In the EyeTV menu, select **Preferences**. The **General** section allows you to select the iPod/ iPhone button export format.

There are three choices for the iPod:

Best - 640x480 H.264
Smallest - 320x240 H.264
Fastest - 320x240 MPEG-4

There is one choice for the iPhone, 480x360 H.264.

Once you select a format, then that will be used whenever you press the iPod or iPhone button, at the top of the **EyeTV Programs** window.

How I move my EyeTV Archive?

In the EyeTV menu, select **Preferences**. The **Recording** section allows you to select the location where your **EyeTV Archive** is stored.

If you want to make a new, blank **EyeTV Archive**, choose a new location, and then restart EyeTV. From that point on, recordings and schedules will be saved at that new location.

If you want to move an existing **EyeTV Archive** to a new location, then first use the Finder to copy the **EyeTV Archive** to that new location. Next, visit the **Recording** section of the **Preferences**, and choose

that new location. Finally, restart EyeTV for the changes to take effect.

How do I change the Live TV Buffer?

In the EyeTV menu, select **Preferences**. The **Recording** section allows you to select the type and style of **Live TV Buffer**.

The **Live TV Buffer** is a temporary storage place for live video, that enables you to pause and rewind live TV. By default, it is 2000MB, but you can press the **Change...** button to select a new size, 50MB and above.

You can also select to **Keep in RAM**, which will store the buffer in memory, rather than on disk. That can speed up access to the **Live TV Buffer**, or reduce disk activity.

How do I extend recordings?

In the **EyeTV** menu, select **Preferences**. The **Recording** section allows you to extend the recording time before or after a scheduled recording, to ensure the beginning or end is not missed.

The start or finish can be extended by 0, 1, 2, 3, 4, 5, 10, 15, 20, or 30 minutes. EyeTV will extend the recording by the amount selected if it can do so without conflicting with another scheduled recording.

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How do I change jump times?

In the **EyeTV** menu, select **Preferences**. The **Controls** section allows you customize jump times, which are used to quickly skip forward or backward in the **Live TV Buffer**, or recordings.

You can enter the amount of seconds you'd like to jump forward, or back. For each direction, you can select two separate time periods - perhaps you want to jump 30 seconds forward to avoid a commercial, or jump 120 seconds forward to avoid a whole break.

These separate jump intervals can be controlled by the keyboard or EyeTV remote - each jump is controlled by a separate key or key combination.

How do I setup my EPG service?

In the **EyeTV** menu, select **Preferences**. The **Guide** section allows you decide how the Electronic Program Guide (EPG) will be setup.

Choose **TV Guide** if you are in the US or Canada, and it will be used to populate the **Program Guide** section of the **EyeTV Programs** window.

For Europe, select your country's **tvtv** service. In Japan, choose one of the **iEPG** choices. Australians can use **IceTV**. Some of these services require an additional monthly fee.

Make sure to press press **Change...**, and enter the **Account name** and **Password** you selected for that service.

EyeTV needs to periodically check with the **Online Program Guide**, to download up to 14 days worth of information. Use the **Update** option to select **Every Day** or **Manually** for your check.

You can choose to automatically check for schedules you may have added using your guide's website. This will happen when you have a network connection, and you can elect to wake up your Mac to check for schedule changes.

How do I change the Overscan setting?

In the **EyeTV** menu, select **Preferences**. The **Display** section allows you customize the **Overscan** - how much of the TV image that appears on the edges.

Overscan hides the extreme edges of the TV signal that do not appear on a TV set. **Overscan** should be turned off when using a TV as a monitor, connected via S-Video.

How do I change deinterlacing?

In the **EyeTV** menu, select **Preferences**. The **Display** section allows you customize deinterlacing.

Deinterlacing reduces video artifacts caused by showing a TV signal on a computer monitor. You have four options for use with EyeTV:

No Deinterlacing - Recommended when you are using a TV as a monitor, connected via S-Video.

Motion-Adaptive - Fast-moving parts of the picture are deinterlaced, providing the best balance between picture quality and usage.

Always - Deinterlacing always applied to the entire picture, producing a slightly softer effect.

Progressive Scan - Adanced motion detection and doubled frame rate result in excellent picture quality. Requires a very fast Mac.

EyeTV has separate deinterlacing options for Standard TV and HDTV. For **Standard TV** on Intel Core Duo Macs, the default is **Progressive Scan**. For HDTV, the default is **Always**.

How do I stretch the full screen image?

In the **EyeTV** menu, select **Preferences**. The **Display** section allows you change how the video appears when displayed at full screen.

The **Tab** key can be used to toggle between normal and stretched presentation during full screen playback. Stretching will occur only if the original video occupies at least 75% of the screen area.

How do I use EyeTV with multiple displays?

In the **EyeTV** menu, select **Preferences**. The **Full Screen** section allows you determine if EyeTV will use other displays that may be connected to your Mac.

Start EyeTV in full screen will always open the **On Screen Menu** when you start EyeTV.

Black out other screens will darken all displays not showing full screen EyeTV video.

Always put full screen display on this monitor allows you to click on a small picture of the display that you want EyeTV to use for full screen playback.

How do I change the sound output?

In the **EyeTV** menu, select **Preferences**. The **Sound** section allows you determine how EyeTV will output sound.

Play sound when EyeTV is in background lets you hear EyeTV even if other applications are being used.

Play sound in the Dock will allow sound to continue even when the window is minimized.

EyeTV will also give you **Audio Output** choices that depend on the choices available to OS X. **System Sound Output**, **Headphones**, and **Digital Out** are

some of options that may appear, depending on what's connected to your Mac.

How do I turn on Game Mode?

Some EyeTV products can turn off their MPEG encoding chips, to improve console gameplay. If your product can use **Game Mode**, you can turn it on or off at the bottom of the **Controls** menu.

The **Devices** section of the **Preferences** will also let you toggle **Game Mode** on or off.

Game Mode will still have a very small delay - the smallest allowed by current available hardware - but most games should be quite playable.

How do I change the image quality?

In the **EyeTV** menu, select **Preferences**. The **Encoding** part of the **Devices** section allows you determine the quality for Live TV and recording.

The options will vary depending on what devices are connected; digital signals are pre-encoded and cannot be further adjusted.

How do I change the look of the picture?

In the **EyeTV** menu, select **Preferences**. The **Picture** part of the **Devices** section allows you change how analog signals appear. You can use sliders to adjust the **Brightness**, **Contrast**, **Color**, **Hue** and **Sharpness** of analog signals.

How do I find the signal strength readings?

In the **EyeTV** menu, select **Preferences**. The **Signal** part of the **Devices** section allows you see the **Signal Quality** and **Signal Strength** for products that can receive digital signals.

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Wi-Fi Access

What is Wi-Fi Access?

Wi-Fi Access allows you to stream your EyeTV recordings to your iPhone, or iPod Touch over your wireless network. Since the streaming service is essentially a web page being served by EyeTV, this means you can also access the same recordings via a web browser, such as Safari, or Firefox over any local network.
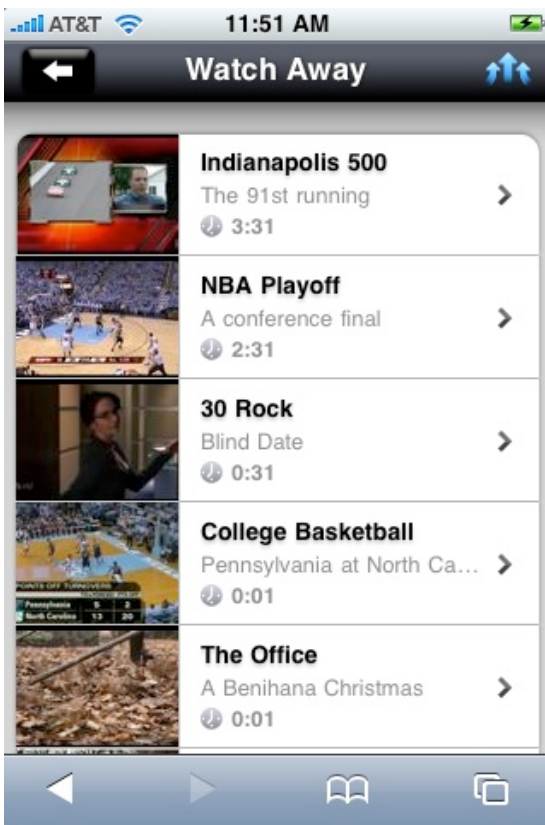
Wi-Fi Access can share completed recordings, but not Live TV.

How do I start Wi-Fi Access?

In the **EyeTV** menu, select **Preferences**. Visit the **Sharing** section, and check **Enable access from Safari on iPhone, iPod touch or Mac/PC**.

EyeTV will set up a web page suitable for use on the iPhone, iPod Touch, and some other devices.

A clickable URL to your **EyeTV Archive** is listed; that

uses your local hostname for OS X, and requires that port 2170 be open on your firewalls.

How do I use Wi-Fi Access with my network?

To use **Wi-Fi Access**, your Mac and device or browser must be on the same local network.

Make sure that all Macs and wireless devices are on the same network and share the same subnet. To make Wi-Fi Access work from a Mac with a wired network connection to a wireless network connection, your wireless base station should be set up to create a bridge between the wired and wireless networks.

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How do I use Wi-Fi Access with my firewall?

If you have an active firewall, port 2170 will need to be opened.

To make **Wi-Fi Access** work with the Mac OS X 10.5 Firewall, you'll need to add both the EyeTV application and the EyeConnect service to the Firewall's list of applications and services that are allowed network access.

The EyeConnect service is a component that gets installed by EyeTV to:
 /Library/Application Support/EyeConnect/ EyeConnect.app.

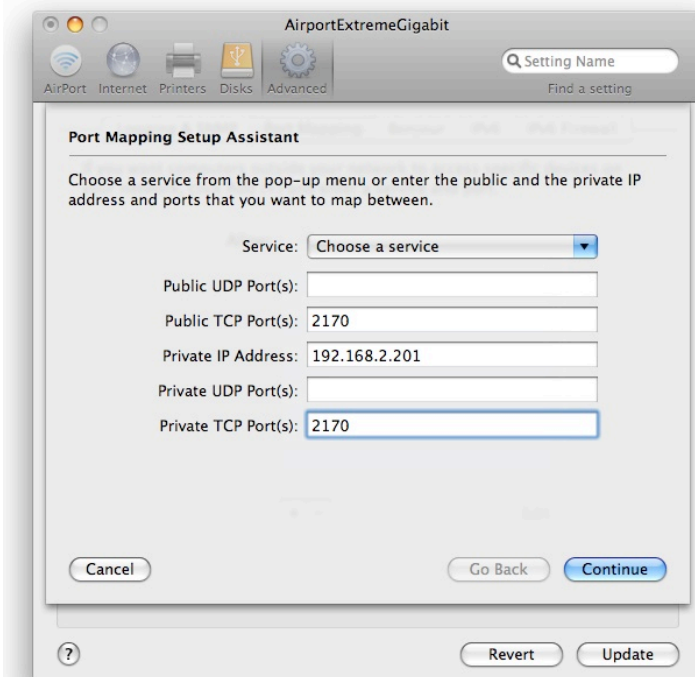### How do I use Wi-Fi Access outside of my network?

To make **Wi-Fi Access** work outside of your local network, you will have to configure your router to forward port 2170 to your Mac's private IP address. Here is an example of the relevant setting in Apple's Airport Extreme base station.

Other manufacturers' hardware will have a similar feature. Note that there are several other considerations that are outside the scope of this manual, such as the requirement that your router's public Internet address remain constant and easily reachable via a DNS entry.

How do I use Wi-Fi Access with my iPhone/iPod touch?

In the **EyeTV** menu, select **Preferences**. Visit the **Sharing** section, and check **Enable access from Safari on iPhone, iPod touch or Mac/PC**.

A clickable URL to your EyeTV Archive is listed; that uses your local hostname for OS X, and requires that port 2170 be open on your firewalls.

To provide an easy way to get this link onto your iPhone or iPod touch, the Sharing preference pane has a function for emailing this link to yourself. You can then check the email from your iPhone or iPod touch and click on the link to access your streaming content.

How do I use Wi-Fi Access with a browser on a Mac?

In the **EyeTV** menu, select **Preferences**. Visit the **Sharing** section, and check **Enable access from Safari on iPhone, iPod touch or Mac/PC**.

A clickable URL to your **EyeTV Archive** is listed; that uses your local hostname for OS X, and requires that port 2170 be open on your firewalls.

This web page should work with Safari 3.0, or the latest versions of Camino or Firefox. It will be accessible from your local network, and not all over the world.

Most Mac browsers will also have a **Bonjour** section in their Bookmarks window. That will list any Macs using Wi-Fi Access on your network, and you can click on one to immediately browse

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their Wi-Fi Access content.
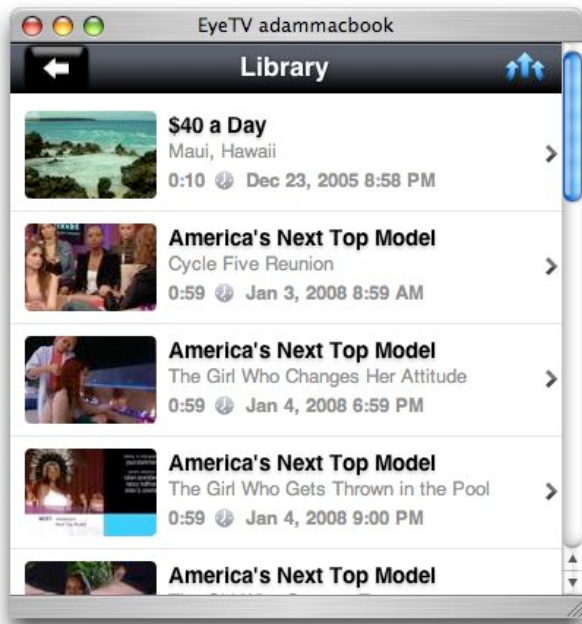
The first time you turn on Wi-Fi Access, EyeTV will ask you whether you'd like to convert all existing recordings into a format suitable for Wi-Fi Access.

There are 5 options to choose from in the popup menu in the Wi-Fi Access preferences:
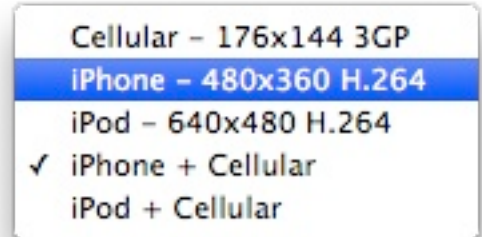
Choose the option that suits your needs. The Cellular option should be used if you plan to play back recordings via the iPhone's EDGE network.

You can also decide whether to convert all future recordings for use with Wi-Fi Access.

Individual recordings may be enabled individually for use with Wi-Fi Access in the EyeTV Programs Window. Select your recording, and check the box in the Wi-Fi Access column to begin the conversion.

How do I choose a password for Wi-Fi Access?

In the **EyeTV** menu, select **Preferences**. Visit the **Sharing** section, and press the **Change...** button. Your user name will be "eyetv", and you can choose whatever password you like.

A clickable URL to your **EyeTV Archive** is listed; that uses your local hostname for OS X, and requires that port 2170 be open on your firewalls.

You will be asked for this password, whenever you visit that URL.

Once **Wi-Fi Access** is password protected, then you can adjust the password by pressing the **Change...** button.

How do I enable my EyeTV recordings for Wi-Fi Access?

Parental Controls

What are Parental Controls?

Television programs often are transmitted with age-based ratings attached. These ratings can be used to categorize various programs, with the object in mind to protect children from objectionable content.

Parental Controls allow parents to block specific content, by following per-program ratings, or by blocking certain channels.

How do I turn on Parental Controls?

In the **EyeTV** menu, select **Preferences**. The **Parents** section allows you to restrict EyeTV content, for each OS X user account on your Mac.

To turn on Parental Controls, first select the OS X user account you wish to manage, from the list in the left side of the window.

Then, click on the lock icon in the bottom left corner of the window, and enter your OS X administrative account password.

Now, you can select **Enable Content Rating Limit**, which officially turns on Parental Controls.

How do I set my PIN for Parental Controls?

In the **EyeTV** menu, select **Preferences**. The **Parents** section allows you to restrict EyeTV content, for each OS X user account on your Mac.

Then, click on the lock icon in the bottom left corner of the window, and enter your OS X administrative account password.
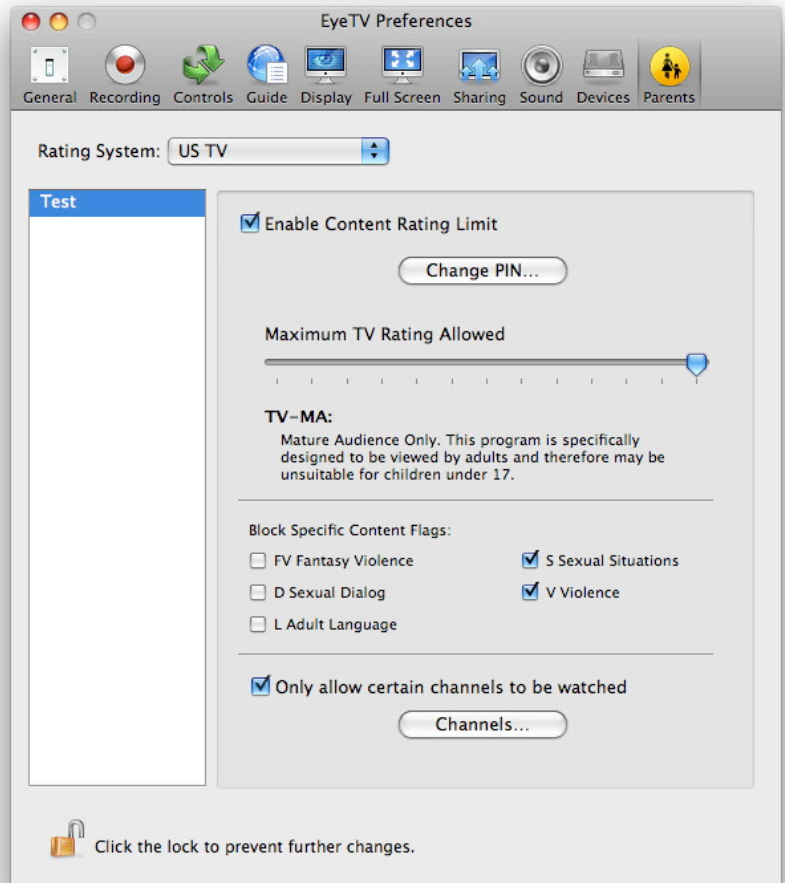
If you're using Parental Controls for the first time, the default PIN is **0000** (all zeros). You should change that by selecting a new PIN.

Press the **Change PIN...** button, and enter a new 4 digit combination. That PIN will take effect as soon as you select the OK button.

How can I export recordings when using Parental Controls?

When Parental Controls are on, manual exports will be blocked, unless you can enter the PIN for one-time access.

A window asking for the PIN will appear when you select the **Export** command.

Automatic exports associated with schedules or Wi-Fi Access will still happen, even when Parental Controls are active.

How do I manage Parental Controls?

In the **EyeTV** menu, select **Preferences**, and then the **Parents** section.

Click on the lock icon in the bottom left corner of the window, and enter your OS X administrative account password.

Now, you can select **Enable Content Rating Limit**, which officially turns on Parental Controls.

There are a number of controls that can selectively block content, namely:

• A slider to select the maximum TV rating or age for content

• Check boxes to block specific content due to language, violence, or sexual content (United States only)

• A window where you can select a list of certain channels that can be watched

Each control takes effect immediately; if you are watching a channel and then remove it from the list of approved channels, you will no longer see any video. The same is true for ratings - if you adjust the slider, content will be blocked or allowed on the fly.

How do I set a maximum rating for Parental Controls?

In the **EyeTV** menu, select **Preferences**, and then the **Parents** section.

Click on the lock icon in the bottom left corner of the window, and enter your OS X administrative account password.

Now, you can select **Enable Content Rating Limit**, which officially turns on Parental Controls.

Choose your Rating System at the top of the window, and then use the slider to change the maximum rating.

The different rating systems are listed below:

Ratings System: US TV

T**V-Y** – All Children. This program is designed to be appropriate for all children.

TV-Y7 – Directed to Older Children. This program is designed for children age 7 and above.

TV-G – General Audience. Most parents would find this program suitable for all ages.

TV-PG – Parental Guidance Suggested. This program contains material that parents may find unsuitable for younger children.

TV-14 – Parents Strongly Cautioned. This program contains some material that many parents would find unsuitable for children under 14 years of age.

TV-MA – Mature Audience Only. This program is specifically designed to be viewed by adults and therefore may be unsuitable for children under 17.

Ratings System: US Movie (MPAA)

G – General Audience. All ages admitted.

PG – Parental Guidance Suggested. Some material may not be suitable for children.

PG-13 – Parents Strongly Cautioned. Some material may be inappropriate for children under 13.

R – Restricted. Children under 17 require accompanying parent or adult guardian.

NC-17 – No one 17 and under admitted.

X – Older material may be rated X instead of NC-!7.

Ratings System: Canada (English)

E – Exempt

C – Children

8+ – Children eight years and older.

G – General programming, suitable for all audiences.

PG – Parental Guidance.

14+ – Viewers 14 years and older.

18+ – Adult programming.

Ratings System: Canada (French)

E – Exempt

C – Children

8 ans+ – Children eight years and older.

13 ans+ – Viewers 14 years and older.

16 ans+ – Viewers 16 years and older.

18 ans+ – Adult programming.
Ratings System: Age

The age limit can be selected, between 6 years and 18 years.

Selecting a more restrictive rating will still allow for less restrictive content to be seen (anything to the left of the slider). For example, if you select TV-MA, then all other content can also be viewed, but if you select TV-Y7, then only TV-Y and TVY7 content will be accessible.

How do I set a maximum rating for Parental Controls?

In the **EyeTV** menu, select **Preferences**, and then the **Parents** section.

Click on the lock icon in the bottom left corner of the window, and enter your OS X administrative account password.

Now, you can select **Enable Content Rating Limit**, which officially turns on Parental Controls.

Choose your Rating System at the top of the window. For those in the United States, there are some additional options you can select.

Ratings System: US TV

You can check boxes to block specific content due to language, violence, or sexual content. Specifically, you can Block Specific Content Flags:

FV Fantasy Violence
D Sexual Dialog
L Adult Language
S Sexual Situations
V Violence

These flags are a part of the TV rating, like **TV-14 LV** (Parents Strongly Cautioned, with Language and Violence flags).
Ratings System: US Movie (MPAA):

You have one additional choice:

Allow NR ("Not Rated") Material

Some NR content may be suitable for all ages, while others could be for adults only. So, turn off this option to maximize protection.

How do I block certain channels with Parental Controls?

In the **EyeTV** menu, select **Preferences**, and then the **Parents** section.

Click on the lock icon in the bottom left corner of the window, and enter your OS X administrative account password.
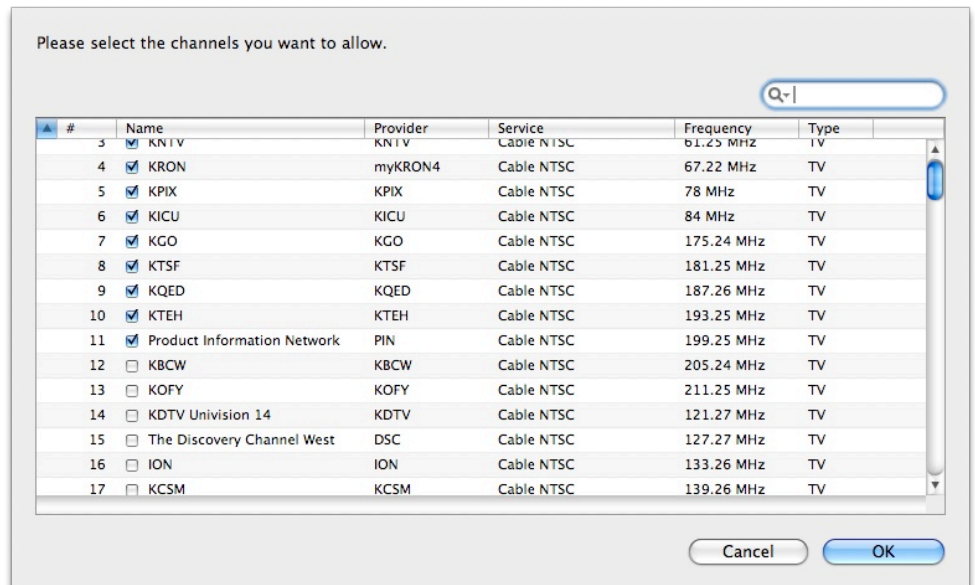
Now, you can select **Enable Content Rating Limit**, which officially turns on Parental Controls.

At the bottom of the window, select **Only allow certain channels to be watched**, then press the **Channels...** button.

Then, you can select the channels you want to allow.   By default, all channels start out as unchecked (unselected), and so you will need to check next to the name of each channel you want to enable.

You can use the search field at the top right of this window to narrow down the channel list - if you type in CNN, then only channels with CNN in the name will appear.   Then, you could check off all CNN channels, and therefore allow them to be viewed.

You can also sort channels by **Number**, **Name**, **Provider**, **Service**, **Frequency**, and **Type**, to assist in finding channels to allow.

Please select the channels you want to allow.

#	Name	Provider	Service	Frequency	Type
3	KNTV	KNTV	Cable NTSC	61.25 MHz	TV
4	KRON	myKRON4	Cable NTSC	67.22 MHz	TV
5	KPIX	KPIX	Cable NTSC	78 MHz	TV
6	KICU	KICU	Cable NTSC	84 MHz	TV
7	KGO	KGO	Cable NTSC	175.24 MHz	TV
8	KTSF	KTSF	Cable NTSC	181.25 MHz	TV
9	KQED	KQED	Cable NTSC	187.26 MHz	TV
10	KTEH	KTEH	Cable NTSC	193.25 MHz	TV
11	Product Information Network	PIN	Cable NTSC	199.25 MHz	TV
12	KBCW	KBCW	Cable NTSC	205.24 MHz	TV
13	KOFY	KOFY	Cable NTSC	211.25 MHz	TV
14	KDTV Univision 14	KDTV	Cable NTSC	121.27 MHz	TV
15	The Discovery Channel West	DSC	Cable NTSC	127.27 MHz	TV
16	ION	ION	Cable NTSC	133.26 MHz	TV
17	KCSM	KCSM	Cable NTSC	139.26 MHz	TV

Cancel   OK

Remote Control

What remote controls can I use?

Most television tuner hardware compatible with EyeTV comes with an infrared remote control that can be used with EyeTV software. Elgato hardware is shipped with the EyeTV Remote control, which is described below.

If your Mac came with an Apple Remote, you can use it to control the EyeTV software.

You need to start the EyeTV software before using either remote control.

How do I use the EyeTV Remote to control EyeTV?
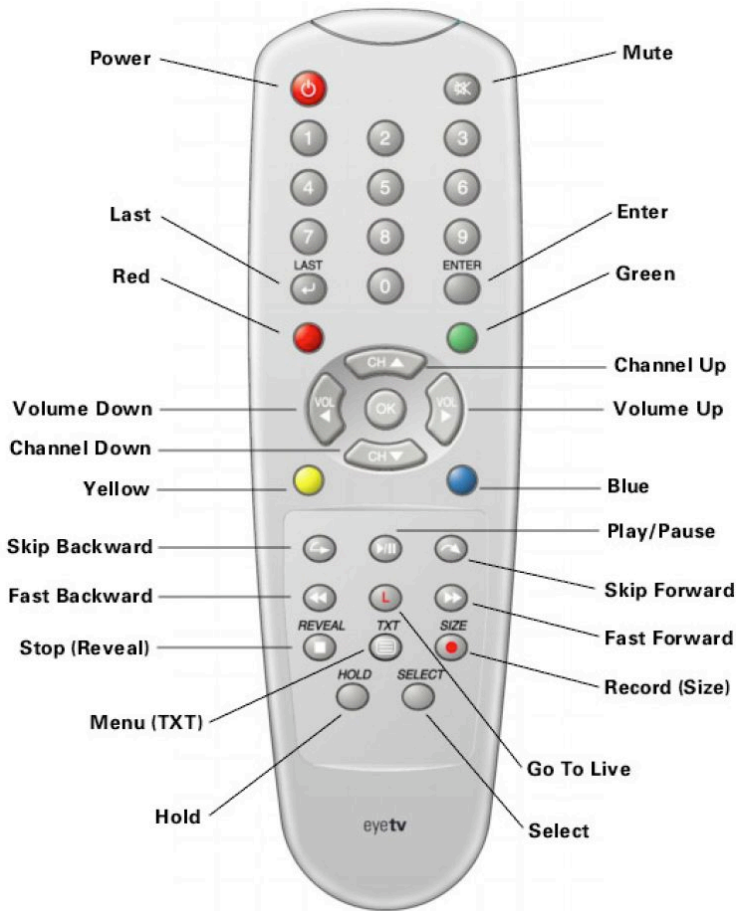
Power

If EyeTV isn't displaying a window, a Live TV window is opened. If there are windows playing EyeTV content, the front playing window is closed, and the next window is brought to the front. If the frontmost window is an alert dialog, pressing the Power key is like pressing Cancel or hitting Escape.

Mute

Click this button to mute the sound, click it again to turn it back on.

Number keys

Used to enter channel number.

Last

Switches the live TV window to go to the last channel used. If you're watching a recording, pressing this button jumps playback to the start of the recording. If the front-most window is an alert dialog, pressing the LAST key is like pressing Cancel or hitting Escape.

Enter

Enters the On Screen Menu and switches to fullscreen mode. While in the On Screen Menu, Enter is used to navigate up one level.

If the front-most window is an alert dialog, pressing the Enter key is like pressing OK or hitting Enter on the keyboard.

OK

While in the On Screen menu, the OK button is used to confirm your selection and will go down one level. Also used to terminate a sequence of numbers.

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Red

Cycles through open windows backwards.

Green

Cycles through open windows forwards.

Yellow

Opens/closes the EyeTV Programs window, which displays all of the shows that have been or will be recorded.

Blue

Shows/hides the on-screen remote controller.

Channel Up/Down

Switches to the next higher or lower channel.

Volume Up/Down

Increases or decreases the sound volume.

Instant Replay

Playback jumps backwards for the duration specified in the Preferences' Controls pane. The default is 7 seconds.

Play/Pause

Toggles between playing back or pausing video

Jump

Fast-forwards the current program 30 seconds and then continues playing. This is useful for jumping over less desirable content.

Fast Backward

Plays the current program in reverse at high speed.

Red 'L'

Jumps playback to live.

Fast Forward

Plays the current program at high speed.

Stop/REVEAL

Stops playback of the current program. REVEAL is a Teletext function.

Menu/TXT

Show/Hide Closed Captions. TXT is a Teletext function.

Record/SIZE

Starts or stops recording the current program. The default recording duration is three hours. To extend or shorten the recording time, open the currently recording program by selecting it in the EyeTV software's Programs window, clicking the Show Info button in the toolbar, and changing the recording's ending time.
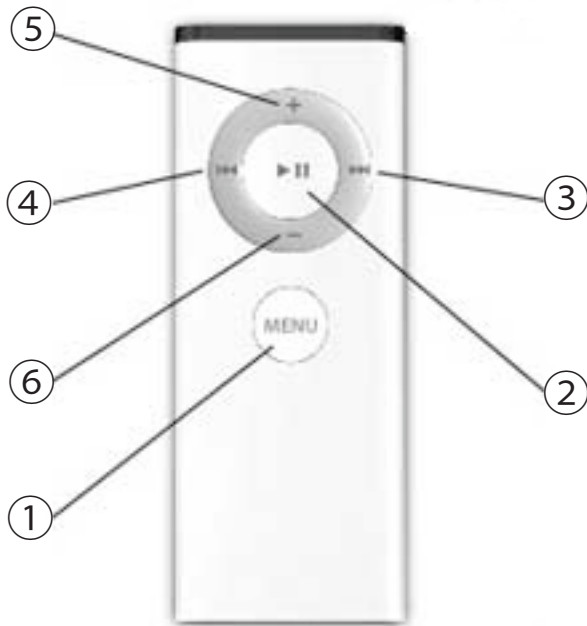
SIZE is a Teletext function.

HOLD

HOLD is a Teletext function. Also toggles full-screen mode.

SELECT

SELECT is a Teletext function. Also cycles through EyeTV's analog video inputs.

How do I use the Apple Remote to control EyeTV?

You can also use the Apple Remote to control EyeTV while in windowed Mode:

② Play/Pause

Press the button once to pause live television or a recording, press it again to resume playback.

③ Channel up/Fast Forward

While watching live TV, press this button once to go up one channel. Press and hold this button to activate Fast Forward playback, for live, timeshifted TV and for recordings.

④ Channel down/Fast Backward

While watching live TV, press this button once to go down one channel. Press and hold this button to activate Fast Backward playback, for live, timeshifted TV and for recordings.

⑤ Volume Up and ⑥ Volume Down

Self-explanatory.

① MENU

② Play/Pause/OK

③ Channel up/Fast Forward

④ Channel down/Fast Backward

⑤ Volume Up

⑥ Volume Down

If your computer included an Apple Remote, you may use it to navigate EyeTV's On Screen Menu.

Press the MENU ① button to enter Front Row. Press and

hold the MENU button to enter the EyeTV On Screen Menu. Use the MENU button to go up one level and the Play/Pause/OK ② button to go down one level. Use the

⑤ and ⑥ buttons to scroll up and down lists.

For more details on using the Apple Remote with the On Screen Menu, see this manual's section about the On Screen Menu.

Support for Set Top Boxes

Set Top Box support is currently limited to the USA and Canada, and all satellite or cable providers for which information is available from TV Guide.

All television tuner hardware that is compatible with EyeTV can be connected to a set top box using either the composite, S-Video, or RF port. In this way, EyeTV can record programming that is available via the set top box. What follows in "Configuring EyeTV and Set Top Box Support" is a step-by-step tutorial on how to configure EyeTV to get the same programming guide as your set top box, and display it within EyeTV.

Although EyeTV can schedule recordings based on your set top box's programming guide, EyeTV alone cannot change channels on your set top box. For this, additional infrared (also referred to as "blaster") hardware and compatible software is required. EyeTV indicates its intention to change channels by posting a notification on your computer, which the application that controls the infrared hardware listens to.

**Configuring EyeTV and Set Top Box Support (USA and Canada)**

If you own a supported hardware/software infrared blaster package, you should set it up before completing this section — please skip to "Configuring EyeTV and IR Blaster Hardware" below, complete the infrared setup, then return to this section.

This is how you can configure EyeTV to get a programming guide for your Set Top Box:

a) In the main **EyeTV Programs** window, select the **Channels** section.
b) In the **Service** popup, select **Configure Set Top Box**.
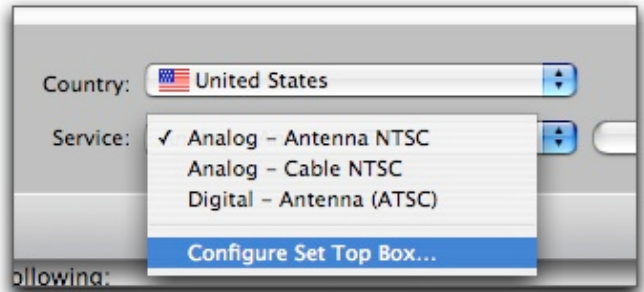
1. First, name the set top box. This name appears in the "Service" column of the Channels panel. You may want to enter "Dish", "Comcast", "Time Warner" or something similar here. If you are using either IRed or ZephIR to change channels, use the name of the iRed tuner or ZephIR component you have already set up for your box (see "Configuring EyeTV and IR Blaster Hardware" below.)
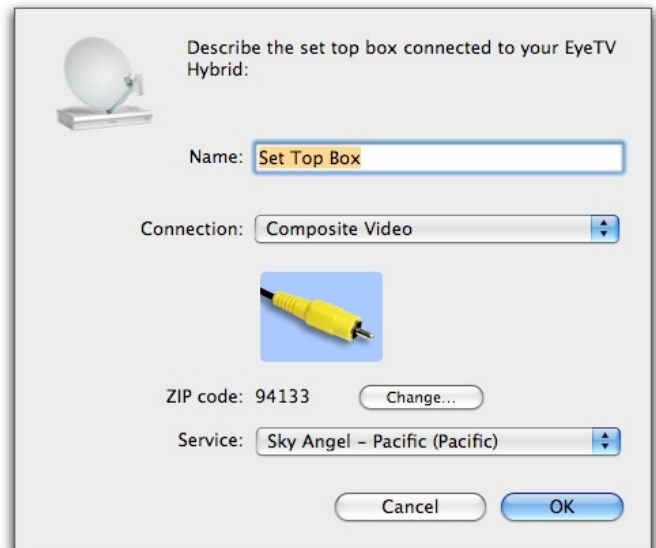
2. Select which device input you use (S-Video or Composite).

3. Select or change your Zip Code or Postal Code.

4. Choose a Service. The list of available services at your location is looked up at TV Guide every time you open this dialog, because it may change at any

time. You cannot configure a Set Top Box without an Internet connection.

If you choose a cable connection, you have the option of using the built-in tuner for low-numbered analog channels. This is because some cable providers, even when supplying digital cable service, supply unencrypted analog cable channels also. In some cases, the EyeTV tuner provides a better picture than the cable box provided by your cable company.

When you click OK, EyeTV will download all the channels available from the chosen service. It will then begin to download the program guide for those channels. This may take a long time (14 days of program guide for hundreds of satellite channels are about 60MB), so don't expect the Program Guide to be updated immediately.

5. Confirm that the downloaded channel list matches the channel list on your set top box. You may want to deselect all channel numbers that you do not subscribe to.
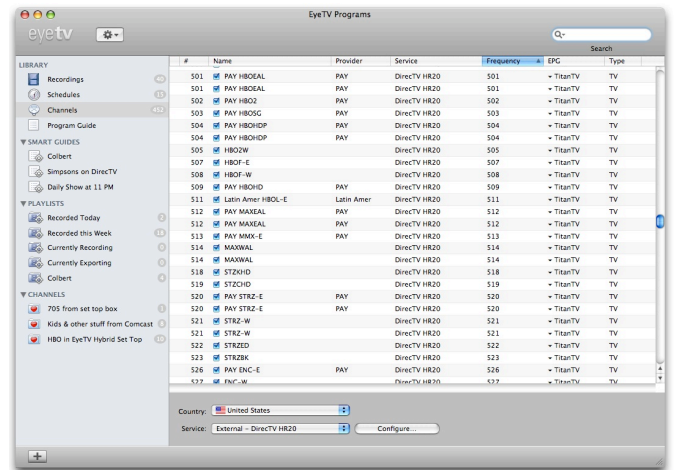
6. If you have infrared hardware, now test EyeTV's capability to change channels. Use the on screen remote control or double click a channel in the channels list. This causes EyeTV to send a channel change notification. The ZephIR or iRed software (which should be running at all times) is already listening for these notification messages. Then, ZephIR or iRed will send the channel number requested by EyeTV to your set top box.

7. Use the EPG to schedule recordings on different channels. Once EyeTV has downloaded the complete electronic program guide information, use the on screen EPG information to schedule your recording. Remember to leave your set top box powered on. If you do not have infrared hardware, to ensure that EyeTV will record the channel you intended, you must leave your set top box tuned to the channel you want to record. EyeTV has no way of knowing what channel your set top box is currently tuned to.
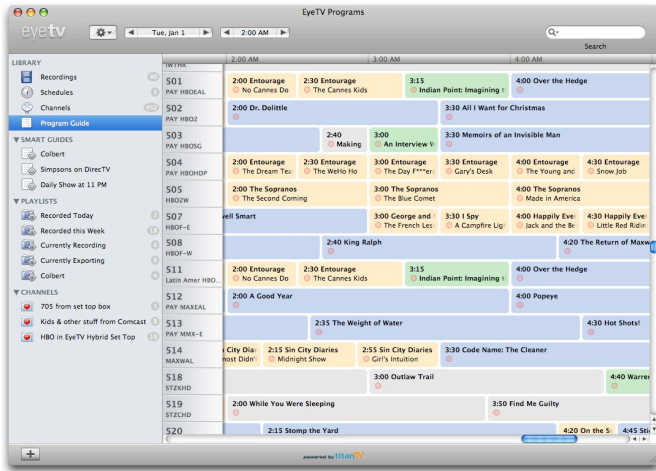
8. If you have infrared hardware, leave the ZephIR or iRed software running, and remember to leave your set top box powered on.

A Note About Multiple Devices

If you have multiple devices with analog inputs, you will need to use the Configure Set Top Box item in the Channels panel. This will bring up a list of set top boxes, you can choose one at a time to configure.

EyeTV matches the configuration to the device using the device serial number, if it is available and unique. Only Elgato Hybrid devices and the EyeTV 200 have unique serial numbers. For other devices, the matching is based on something called the USB location ID, which changes if you unplug a USB device and replug it into a different socket. So, if you have multiple devices, we recommend that you don't move them around once they are configured.

Configuring EyeTV and IR Blaster Hardware

EyeTV supports Set Top Box channel changing using 3rd party infrared hardware and software packages.

Currently, two different packages provide solutions that are compatible with EyeTV: ZephIR and IRTrans/iRed. What follows are step-by-step guides to configuring EyeTV together with each solution. Technical support for these products is provided by their respective publishers/manufacturers.

ZephIR

ZephIR from studioZee makes hardware and software that is able to listen to the EyeTV channel change notification:

http://www.thezephir.com

The ZephIR package comes with software and an infra-red remote control device that you connect to your Mac via USB. ZephIR is not directly available from Elgato. Please use the link above to purchase directly from studioZee.

iRed and IR Trans

IRTrans by IRTrans GmbH is infra-red remote control hardware connected via USB to your computer.

The iRed software by tin:b Software controls the IRTrans hardware and is able to listen to the EyeTV channel change notification.

More information about IRTrans is here: http://www.irtrans.com

More information about iRed is here: http://www.filewell.com/iRed

Mention iRed when purchasing IRTrans, to receive a bundle discount. Neither iRed nor IRTrans are directly available from tin:b Software or Elgato. Please use the links above to acquire them.

Configuring ZephIR with EyeTV

Once you have installed the ZephIR (version 3.0 or later), you will need to create a new IR Component that is able to change channels on your Set Top

Box. Choose your type of Set Top Box from the zeecode database, or create your own component by learning your Set Top Box's remote, and give your component a unique name. You may want to enter "Dish", "Comcast", "Time Warner" or something similar here.

Later on, you will use this same name to identify your Set Top Box in EyeTV.

Leave the ZephIR application running after you've configured your component and have verified that ZephIR can change channels. Also, to ensure that unattended recordings in EyeTV work even when EyeTV starts up your Mac, add ZephIR to your Login items (System Preferences>Accounts>Login Items.)

Configuring iRed and IRTrans with EyeTV

Once you have installed iRed 1.8.2 or later and IRTrans, you will need to create a virtual iRed tuner that is able to change channels on your set top box. Use iRed's Tuner Assistant feature and give your virtual iRed tuner a unique name. You may want to enter "Dish", "Comcast", "Time Warner" or something similar here.

Later on, you will use the same name to identify your set top box in EyeTV. Leave the iRed application running after you've configured your virtual tuner and have verified that iRed can change channels.

You'll also need to enable iRed to listen for EyeTV Channel Changes by checking the box in iRed's Notification preferences:
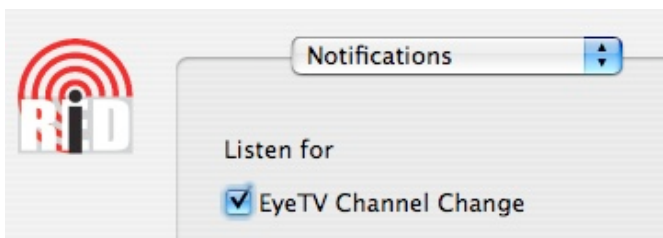
Also, to ensure that unattended recordings in EyeTV work even when EyeTV starts up your Mac, add iRed to your Login items (System Preferences>Accounts>Login Items.)

For Developers of Infrared Hardware and Software

When the channel is changed in EyeTV, and at certain other times (e.g. opening the live window, starting or ending a recording), EyeTV posts a notification to the CFDistributedNotificationCenter. For more information about how to post and listen to notifications, consult Apple's documentation.

The notification name is CFSTR("com.elgato.ExternalChannelChange") The notification is accompanied by a dictionary with three members:

1. key="channelNumber", value = CFNumberRef, the number, generally 1 through 99999.

2. key="subChannelNumber", value = CFNumberRef, currently always 0.

3. key= "setTopBoxName", value = CFStringRef. This is the name from "Name" field of the Configure Set Top Box dialog. This name should match the name of the virtual tuner you make in iRed. So, if you set up a DirecTV box, you should call the Set Top Box in EyeTV "DirecTV", and the iRed virtual tuner "DirecTV". Currently, however, iRed ignores the name field.

If you are a developer and see a need for any other information in the notification, please contact us at stb-feedback@elgato.com.
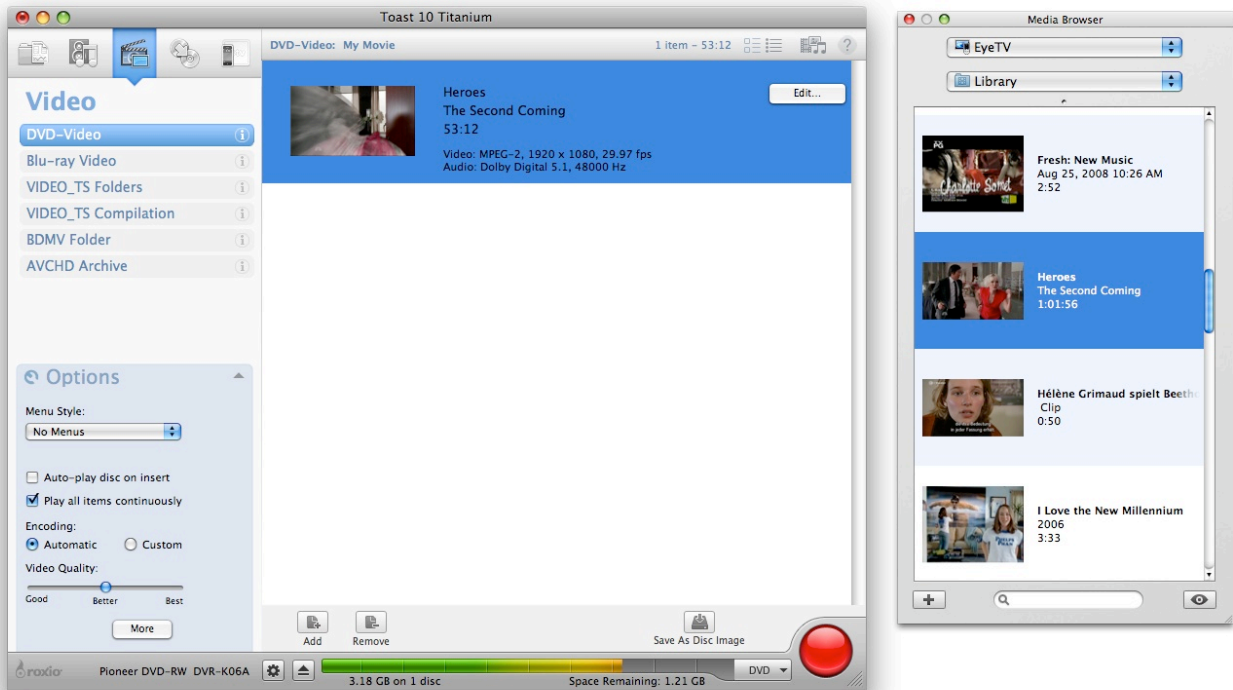
DVD Creation

EyeTV and Toast

EyeTV has been integrated with Roxio's **Toast 10 Titanium** disc recording software to make it easy for you to archive your favorite shows onto Video CD (VCD), Super Video CD (SVCD), or DVD.

Toast has a built in Media Browser. Select Media - EyeTV, and drag items from the listing of EyeTV recordings to Toast.

To burn a disc from within EyeTV, using Toast:

- Open the **EyeTV Programs** window, choose the **Recordings** section, and select the video recording you wish to archive by clicking on it once to highlight it.
- Drag it from the **Recordings** section of the **EyeTV Programs** window, to Toast's Video section. Then,

select what format you want to use (VCD, SVCD, DVD) in Toast.

You can also highlight the recording, and then press the **Toast** button at the top of the **Programs** window, or choose **for Toast** via the **Export** command.

Some EyeTV hardware devices may come with **Toast Basic**, which is a feature-limited version of Toast. That should also work with EyeTV as described above.

EyeTV and Other DVD Software

You can also highlight the recording, and then select the **Export** command in EyeTV. EyeTV supports exporting to Apple's iDVD and DVD Studio Pro software. You can also export the video and audio elementary streams to post-process in other DVD authoring programs

EyeTV Assistants
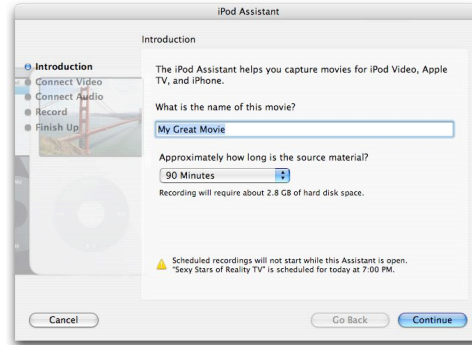
EyeTV contains several guided modules, called Assistants, designed to walk you through common tasks. These Asisstants are accessible via the Help menu.

How do I use the EyeTV Setup Assistant?

The EyeTV Setup Assistant launches automatically the very first time you install EyeTV software and your new hardware. If your configuration changes, it's a good idea to re-run the setup assistant and let it auto tune again. The EyeTV Setup Assistant can also help when troubleshooting issues with the electronic programming guide.

How do I use the VHS Assistant?

The VHS Assistant helps you turn your VHS tapes into DVDs. To run the VHS Assistant you'll need EyeTV compatible hardware that contains analog inputs and a hardware MPEG encoding processor.

The VHS Assistant will walk you through the process of connecting your VHS recorder, capturing analog video into your Macintosh, and finally converting the video onto a DVD or into iPod format.

How do I use the iPod assistant?

The iPod Assistant helps you capture movies for iPod Video, Apple TV, and iPhone. To run the iPod Assistant you'll need EyeTV compatible hardware that contains analog inputs and a hardware MPEG encoding processor.

The iPod Assistant will walk you through the process of connecting your video source and capturing analog video into your Macintosh. Afterwards, the video will be converted into the appropriate iPod/iPhone/Apple TV format, and finally transferred to iTunes, where it will be synced to your device the next time it is connected to your Mac.

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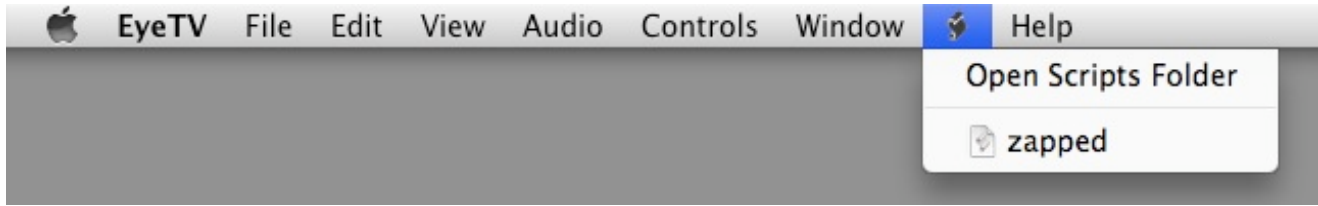
AppleScript

Many functions in Eye TV 3 can be accessed using AppleScript.

Script Menu

EyeTV 3 displays a script menu in the menu bar when it finds scripts in

/Library/Application Support/EyeTV/Scripts.

These scripts can directly be started from the script menu. Please note that when scripts have changed EyeTV needs to be restarted for the changes to become effective.

Dictionary

The AppleScript Dictionary of EyeTV lists all available commands and parameters. To write scripts and browse the dictionary the application "Script Editor" is available on every computer running Mac OS X. It can be found under Applications/AppleScript. You can also find example scripts on the EyeTV installation CD, and in the online Elgato Knowledgebase.

If you find that there is functionality in EyeTV that is not present in the AppleScript dictionary, please write us at support@elgato.com. We will try to accommodate your needs in future software updates.

Triggered Scripts

In addition to the conventional AppleScript support EyeTV 3 also offers the possibility to use triggered scripts. These are scripts that automatically trigger following certain events. EyeTV offers the following trigger events:

ScheduleCreated
Scripts using this trigger will start after a schedule is created.

RecordingDone
Scripts using this trigger will start after a recording has finished.

ExportDone
Scripts using this trigger will start after a recording has been completely exported.

RecordingDeleted
Scripts using this trigger will start after a recording was deleted.

Commented example trigger scripts can be found on the EyeTV installation CD.

In order to execute these scripts EyeTV looks for triggered scripts in

/Library/Application Support/EyeTV/Scripts/TriggeredScripts.

In case this directory does not exist, create it manually.

Note: The TriggeredScripts directory and its contents are not displayed in EyeTV's script menu since triggered scripts should not be launched manually.

EyeTV Archive

EyeTV recordings and schedules, along with other information about your setup, are kept in the **EyeTV Archive**. The Archive is a normal folder, which has to be called "EyeTV Archive" for EyeTV to use it.

You can move the Archive folder wherever you like, but you must tell EyeTV where to look for it, in the **Recording** part of the **Preferences**.

Inside the **EyeTV Archive** are a number of files, which have specific purposes:

EyeTV Archive.xml - Contains the overall structure of the **EyeTV Archive**, for use with other programs that need to understand the **EyeTV Archive**'s contents. If erased, it will be recreated upon restart. This file is invisible

EyeTVAutoTune.log - After an **Auto Tune**, information about the scanned frequencies is contained in this log. If you have tuning problems, sending this log to Customer Support can help with troubleshooting.

Live TV Buffer.eyetv - A package containing .eyetvi and .mpg files, of which the **Live TV Buffer** is consisted. These files will be erased and rewritten depending on the state of the Buffer.

Furthermore, in the **EyeTV Archive** recordings and schedules are contained within packages:

.eyetvsched - A package containing an .eyetvp file. It represents a schedule, and will disappear when recording is complete. If a schedule repeats, then the .eyetvsched package will remain.

.eyetv - A package containing .eyetvi, .eyetvp and .eyetvr files, along with an .mpg of the actual recording.

A package is a container, similar to a folder, that can't be examined by double-clicking. To open these packages, **right-click** (or **Option-click**) and

select **Show Package Contents**.

Backing up an EyeTV recording or schedule is very simple - move the .eyetv and .eyetvsched files with the corresponding names in and out of the Archive. Restart EyeTV for the changes to take effect.

You can also drag recordings from the **Recordings** section of the **EyeTV Programs** window, to the Finder. That will make a copy of that recording, in the .eyetv format. Move that copy to wherever you like, even to another **EyeTV Archive**.

If .eyetv files are moved elsewhere in the Finder, then double-clicking them will launch EyeTV.

Playlists are kept in an invisible folder called Playlists. If selecting a **Playlist** in the **EyeTV Programs** window causes a crash or other problem, that file may be corrupted, and you can erase that playlist from the playlists folder.

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Electronic Programming Guide

tvtv

In Great Britain, Germany, Switzerland, Austria, Holland, Spain, Italy, France and Belgium the EPG is supplied by tvtv and the subscription period is one year. Customers in Finland and Sweden may use the tvtv UK service.

The EyeTV Setup Assistant guides you through configuring your tvtv account.

For existing tvtv users, please note that EyeTV cannot extend your account's subscription period. We recommend keeping your present account until it expires, then re-running the Setup Assistant again and creating a new account when asked to enter account information. We are working on improving this process.

tvtv Remote Scheduling

The tvtv service also offers a web site featuring remote scheduling. Remote scheduling allows you to send program information to EyeTV from any computer with Web access.

Here's how it works: Your Mac at home (provided its Internet connection is present) periodically checks for new schedules that were added on the web site, then adds them to the local list of schedules. You'll have to enable automatic checking of remote schedules in the Guide section of the EyeTV Preferences, it is not on by default.

Select "**Go to Online Guide**" from EyeTV's **File** menu, then log onto the tvtv web site, using the tvtv user name and password that you configured in the EyeTV Setup Assistant.

Once you've found a program that you like, click the red REC OFF icon, which then changes to REC ON. This sends program information to the tvtv Job List. From there, it is stored until the next time EyeTV

synchronizes with tvtv.

TV Guide

In the USA and Canada, the EPG is supplied by TV Guide. The first year of the subscription is free, and subsequent years are for a small fee (currently $19.95).

The EyeTV Setup Assistant guides you through configuring your TV Guide account.

TitanTV Remote Scheduling

The TitanTV service offers a web site featuring remote scheduling, for use in the United States. Remote scheduling allows you to send program information to EyeTV from any computer with Web access.

Here's how it works: Your Mac at home (provided its Internet connection is present) periodically checks for new schedules that were added on the web site, then adds them to the local list of schedules. You'll have to enable automatic checking of remote schedules in the **Guide** section of the **EyeTV Preferences**, it is not on by default.

Log onto the TitanTV web site, and create a free account. You will need to configure your TitanTV.com account, specifying your zip code, and the type of television programming you receive at your home location.

Once you've found a program that you like, click the Remote Schedule button. This sends program information to the TitanTV server. From there, it is stored until the next time EyeTV synchronizes with TitanTV.

TitanTV Guide Diagnostics

For assistance in troubleshooting problems with the TitanTV electronic program guide, open the **TitanTV Guide Diagnostics** dialog from the **Help** menu.

IceTV

In Australia, the EPG is supplied by IceTV and the free trial subscription period is 3 months.

The EyeTV Setup Assistant guides you through configuring your IceTV account.

For existing IceTV users, please note that EyeTV cannot extend your account's subscription period. We recommend keeping your present account until it expires, then re-running the Setup Assistant again and creating a new account when asked to enter account information. We are working on improving this process.

IceTV Remote Scheduling

The IceTV service also offers a web site featuring remote scheduling. Remote scheduling allows you to send program information to EyeTV from any computer with Web access.

Here's how it works: Your Mac at home (provided its Internet connection is present) periodically checks for new schedules that were added on the web site, then adds them to the local list of schedules. You'll have to enable automatic checking of remote schedules in the Guide section of the EyeTV Preferences, it is not on by default.

Select **Go to Online Guide** from EyeTV's **File** menu, then log onto the IceTV web site, using the user name and password that you configured in the EyeTV Setup Assistant. You will need to configure your IceTV account, specifying your postal code, and the type of television programming you receive at your home location. You can also specify a "Device Label" for up to 3 different recording locations.

Once you've found a program that you like, click the red REC button. This sends program information to the IceTV server. From there, it is stored until the next time EyeTV synchronizes with IceTV.

Other Countries / In-Stream EPG

Elgato plans to offer a similar built-in guide for other countries in the future.

EyeTV can also build an EPG from information contained in a digital broadcast (DVB, ATSC, or ISDB-T). The "built-in" EPG offers significantly less information and covers fewer days than the EPG downloaded from an electronic programming guide web service, but it is an alternative for users without an active subscription, or those in a country currently not served by an online EPG service.

To manually set a channel to use the in-stream EPG, select the channel in EyeTV's Programs window, then click into the **EPG** column.

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Elgato television tuner devices sold in the United States comply with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

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