



Reviewer's Guide

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Executive Summary

Americans have embraced digital living. With the popularity of iPod and other portable digital music players, digital music is ubiquitous. Digital cameras are now mainstream consumer electronics and digital photography has moved into the mainstream as online photo sharing sites such as Flickr have become popular. Most American homes are adopting digital technologies that make life more entertaining, including DVRs, which offer flexible viewing of our favorite television shows. The spread of digital technologies to the mainstream consumer will increase the demand for an integrated home entertainment hub that both stores and accesses digital files.

The PC will be central to creating this integrated system for accessing, sharing, and storing digital content in the home. Most American homes have at least one room that contains both a PC and a television. The popularity of DVRs is growing, and the home PC is an ideal host for DVR technology.

Watching television is a central activity in American families, with the average American watching four hours of television a day. The introduction of high-definition television has sparked great interest among technology's early adopters and mainstream consumers alike. With incredibly sharp picture quality and Dolby Digital surround sound, HDTV provides an intense viewing experience. The wide adoption of digital television means that the three major entertainment media—television, pictures, and music—are increasingly being consumed in a digital format.

Taking advantage of the PC's flexibility, SnapStream Media's Beyond TV enables consumers to take television recording to new levels. Offering MPEG-2, Windows Media, and DivX recording formats, SnapStream gives DVR users options and flexibility. Beyond TV enables users to record TV on their hard drives and transform their PCs into media servers. TV recordings can be simultaneously viewed on multiple devices inside the home. TV recordings made with Beyond TV can be compressed then served from the PC to wireless web tablets, Pocket PCs, laptops and home televisions. SnapStream Media combines the PC's low-cost, connectivity and power with the popularity of DVRs. Beyond TV delivers digital home entertainment to everyday users.

The availability of technology that is user-friendly and home-centric will win mainstream consumers over to the concept of digital entertainment. Recognizing that American homes will soon be digital homes, SnapStream Media is poised to offer solutions that make the PC central to digital home entertainment. The future of home entertainment lies in providing solutions that are complete, user-friendly and easy to integrate with other digital applications.

New Beyond TV 4 Features

HDTV Support

Beyond TV now supports high-definition content. With up to six times the picture resolution of standard television, HDTV puts you in the middle of the action. Incredible Dolby Digital (AC-3) surround sound completes the experience for the Beyond TV 4 user capturing over-the-air HDTV. Once you have experienced the higher clarity, crisp digital sound and life-like pictures of HDTV, you will never want to go back to a Standard-Definition Television. Beyond TV 4.3 now allows users to ShowSqueeze HD content into Windows Media (.wmv) and DivX formats to save space with large high-definition files.

DivX Support

Recording in or converting your recordings to DivX format results in files that are ten times smaller than MPEG-2 files without compromising quality. It is easy to record in DivX format or convert recordings into this format. Increased portability is only one advantage of DivX. In addition, many newer DVD players can playback DivX recordings. Space-saving and portable, DivX is a major advance for Beyond TV 4. Beyond TV 4.3 now supports DivX 6.1 with Intel Optimizations, which allows Intel dual core PCs to encode up to 300% faster.

FM Radio

Now you can listen to and trick play your favorite FM radio stations with Beyond TV 4. FM Radio support lets you set up to nine preset stations. Creating a party ambience just got easier with Beyond TV 4 FM radio support.

Search for Movies and Sports

With Beyond TV 4's new Search by Category feature, it is easier than ever to find upcoming movies and sporting events. It's like a built-in movie rental store and game day guide in one.

Back Capture Capabilities

Do you ever miss the first five minutes of your favorite show? With Back Capture, you can record up to thirty minutes of a show that has already begun.

New User Interface

Beyond TV 4 has a totally new look with a freshly designed and revamped user interface.

Beyond TV Buzz

Beyond TV Buzz gives insight into what other Beyond TV users are watching and recording. Browse the top 100 recorded shows from the previous week and the most popular upcoming recordings in this new web page for anyone interested in TV watching trends. Beyond TV Buzz can be viewed online at <http://www.snapstream.net/buzz.aspx>

More Features added since Beyond TV 3 was released...

Multi Tuner Support

Record more than one show at a time. Watch one show while simultaneously recording another. Beyond TV now supports multiple hardware encode tuners.

Enhanced Recording Engine Stability

Beyond TV's recording engine has been redesigned to maximize stability and fault-tolerance. It puts the "Never" in "Never miss your favorite TV shows again".

Beyond TV Link**

Beyond TV's network server makes it even easier to create a multi-room digital home. Beyond TV link lets everyone in your home network access all the recordings on your entertainment hub. It's like having Beyond TV on all PCs and laptops in your home! You can even watch live television broadcasts on networked PCs without having to purchase additional TV tuner cards.

**Beyond TV Link is a separate product.

SmartSkip™

Skip commercials or other segments of recorded shows. Beyond TV will automatically insert markers at major scene changes of recordings, creating chapters. Users can then easily skip quickly from one chapter to another at the touch of a button. Skip thirty second intervals, or play seven second instant replays.

European Program Guide

Beyond TV 4 works with *tviv*, a European, web-based program guide. This means that Europeans can now view program listings and schedule remote recordings on the web.

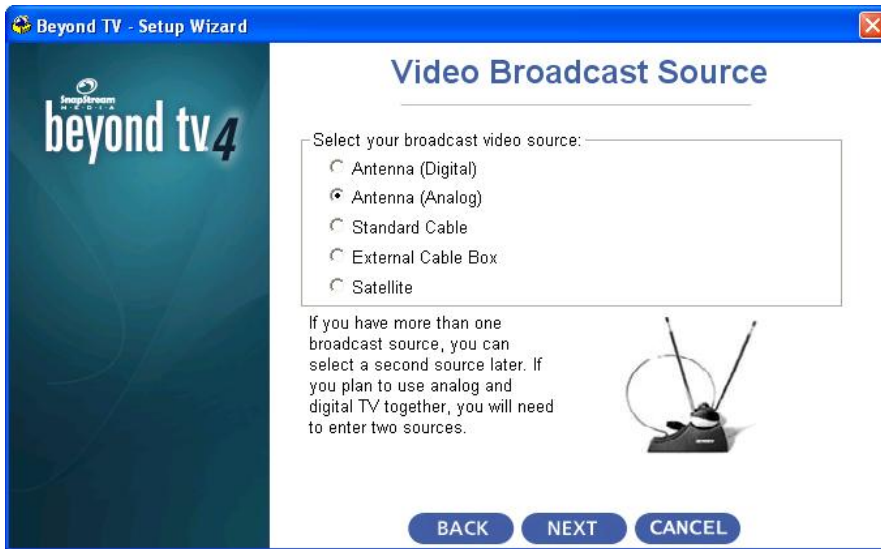
Microsoft Portable Media Center Support

Pre-configured settings for Portable Media Center make taking shows on-the-road even easier.

Getting Started

Setup Wizard

SnapStream Media's Beyond TV 4 features a setup wizard that makes setup a user-friendly and easy process.



The setup wizard guides the user through establishing a SnapStream.Net account, automatically detects the tuner card and audio settings, configures the IR blaster and sets up the remote control.

Our setup wizard is very intuitive, and now has additional screens that help you configure your HDTV setup. A screen displaying signal strength makes it easy to adjust your HDTV antenna to maximize the number of channels you can receive.

The setup wizard also allows you to configure multiple tuners and broadcast sources with speed and ease.

With its straightforward and well-documented instructions, Beyond TV 4 makes setup a breeze.

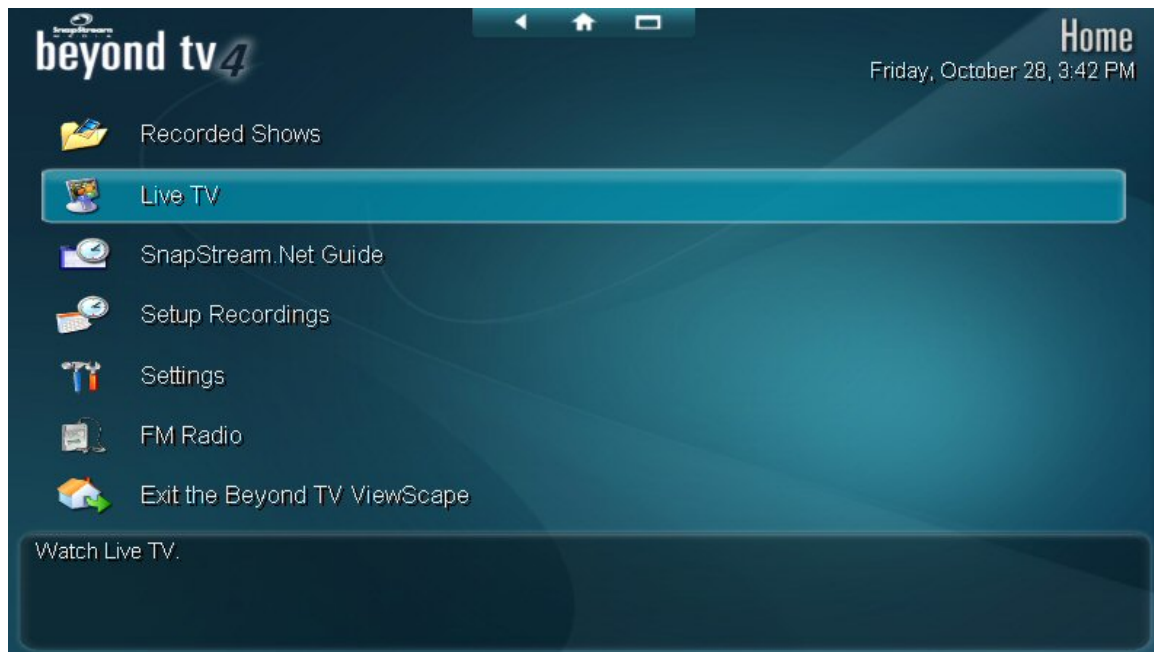
To sum up...

- ✓ Beyond TV 4's Setup Wizard, now with enhanced configuration tools, lets you easily and quickly setup Beyond TV with or without HDTV.

Using Beyond TV

ViewScape™

Beyond TV 4 has an entirely new, freshly redesigned look. Beyond TV 4's ViewScape interface allows you to transform your PC into a home theater.



With integrated remote control support, Beyond TV 4 allows for easy access from across the room through its award-winning 10-foot interface.

The Home page of the Beyond TV ViewScape has six sections — Recorded Shows, Live TV, Program Guide, Setup Recordings, Settings, and optionally FM Radio.

Watch Live TV

The Live TV function transforms your computer monitor into a television. Beyond TV 4 has integrated live TV capabilities, which eliminates the need to use additional TV tuner software.

Use a remote control, keyboard or mouse to navigate through the channels available. SnapStream.Net provides program information for each channel as you surf through them.

Select the Live TV option from the menu on the Home page. To watch live TV on a digital channel, merely enter the HDTV channel you'd like to access. For example, to switch between say, the standard NBC channel and the digital NBC channel, you'd merely enter the digital channel number, which is 1021, at least here in Houston.



Timeshifting

Never miss a moment of your favorite television shows because of a sudden interruption. While you watch live television, you can pause, rewind and fast forward what you watch. Timeshifting works for both HDTV and standard definition television.

To timeshift, you can use your keyboard, PC remote control, or mouse. Most remote controls contain fast forward and rewind buttons for easy timeshifting.

Setup Recordings and Find Shows

Electronic Program Guide

Beyond TV 4's integrated electronic programming guide (EPG), which is available to U.S. and Canadian users for no monthly or lifetime subscription fees, stores two weeks of program data. Channel listings are available for all antenna, cable and satellite lineups. The program guide is automatically updated from the SnapStream.Net server on a daily basis for users with a broadband connection.



HD channels will typically be in the 1,000's or above in your Program Guide. To schedule a recording on a digital channel, scroll to the HD channels in the EPG—1000 or above—then schedule recordings like normal.




Not all shows that are on digital / HDTV channels are broadcast in high-definition format. There is an HD icon in the Program Guide marking shows that are broadcast in high-definition. However, even if shows are not broadcast in high-definition, they will appear sharper if viewed and recorded from digital channels.

Follow the steps below to record a show with the Program Guide:

1. From the Home page, select Program Guide.
2. Scroll through the Program Guide to the show you want to record and select it.

3. Select a recording option.



View upcoming episodes	Provides a listing of all future episodes. Select individual episodes in the list to schedule a recording.
Record this episode 	Record only the episode for the date and time you've selected. If the episode is currently showing, recording begins immediately. If back capture is enabled, the recording will begin from the beginning of the show.
Record all episodes 	Schedule recordings of all future episodes of a chosen show.
Record all new episodes 	Schedule recordings of all episodes that aren't repeats or reruns.
Cancel	Do not record the selected shows and return to the Program Guide.



A recording icon with a slash through it indicates that this particular episode will not be recorded. These icons appear when users manually choose not to record specific episodes in a series or if another recording with higher priority is scheduled to record at the same time.

Intelligent Recording & Conflict Management

In Beyond TV 4, you can now pad recordings and specify custom lengths for each recording. This is a great feature to have in situations where some shows start or end two or three minutes after or before the hour. For example, if you are trying to record both ER and CSI, you can now specify the pad times so that ER, which starts one minute before 9pm, can be recorded along with CSI, which ends at 9 pm. Though previous versions of Beyond TV would have detected this overlap as a conflict, Beyond TV 4's more intelligent recording recognizes the overlap and records both, except for the one minute during which they conflict.

Beyond TV 4 is also able to detect re-airings of the same episode. For example, if you have setup Beyond TV to record all episodes of M*A*S*H, Beyond TV will not re-record an episode you currently have in your library.

Search by Title or Keyword

With the Search by Title function, you can search for upcoming episodes of your favorite show by entering the show title with either a remote, mouse or keyboard.

With the Search by Keyword function, you can search for shows of interest to you by entering the keyword of an actor or topic.

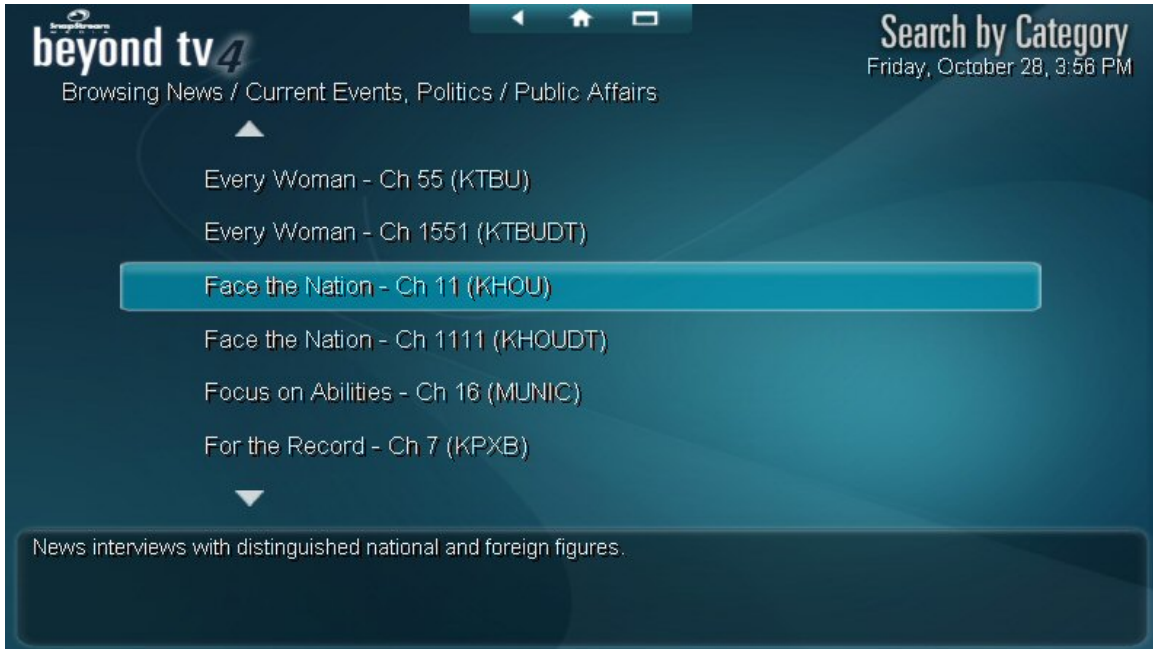


If a program is broadcast on two channels, one in high-definition, the search will yield both shows. If you have both an HD tuner and a non-HD tuner, shows that appear on both an HD and a standard channel will appear twice.

Search by Category

With expanded searching capabilities, Beyond TV 4 allows you to browse by genre for sporting events, movies, and more. It's like having a free, built-in movie store and a continuously updated game day guide. Now you can find exciting lesser known shows in the genres you love to watch.

Simply browse the list of genre and select one that interests you. A list of related shows in that genre will be pulled up.



Remote Recordings

A remote recording is a recording scheduled while you are away from your Beyond TV 4 computer. Remote recordings can be triggered through SnapStream.Net from Internet browsers, web-enabled cell phones and Pocket PCs.

The screenshot displays the SnapStream.Net website interface. At the top, there are navigation links: TV Listings | At A Glance | Search | Remote Recording | My Account | Logout. Below this is a search bar with 'Antenna (Digital) - 77087' selected, and a date/time filter set to 'Monday December 12' at '2:00 PM'. The main content is a grid of TV listings for various channels (e.g., 2-1 KPRCDT, 8-1 KUHTDT) and time slots (02:00 PM, 02:30 PM, 03:00 PM, 03:30 PM). A pop-up window titled 'Program Details' is overlaid on the grid, showing information for 'The Piano Guy' on channel KUHTDT (8-1) on Monday, December 12, from 3:30 PM to 4:00 PM (30 minutes). The details include a description: 'Pianist Gary Walters plays "She's Leaving Home"; Jeff DeHerdt talks about writing original songs.' and a 'RECORD' button.

Beyond TV 4 polls SnapStream.Net every fifteen minutes for remote recordings. Once Beyond TV 4 has retrieved your remote recordings, they will disappear from the SnapStream.Net pending recordings list and appear in your list of scheduled recordings in Beyond TV 4.

To sum up...

- ✓ You can watch Live TV in either windowed or full screen mode. Beyond TV 4 transforms your computer monitor into a television set.
- ✓ You can pause, fast forward, and rewind live television and recordings with your mouse, remote control, or keyboard.
- ✓ Beyond TV 4's integrated Electronic Program Guide lets you browse program information and select channels. From the EPG you can play Live TV, setup recordings, and schedule repeat recordings.

- ✓ Browsing HDTV channels is as easy as browsing standard channels with Beyond TV 4's integrated EPG.
- ✓ With recording settings options, you can opt to record every episode of a program, only new episodes, or only a single episode.
- ✓ Intelligent recording minimizes conflicts in scheduled recordings and allows you to set specialized pad times.
- ✓ You can search the EPG by title or keyword, or browse for programs like movies and sporting events.

Watch Recordings

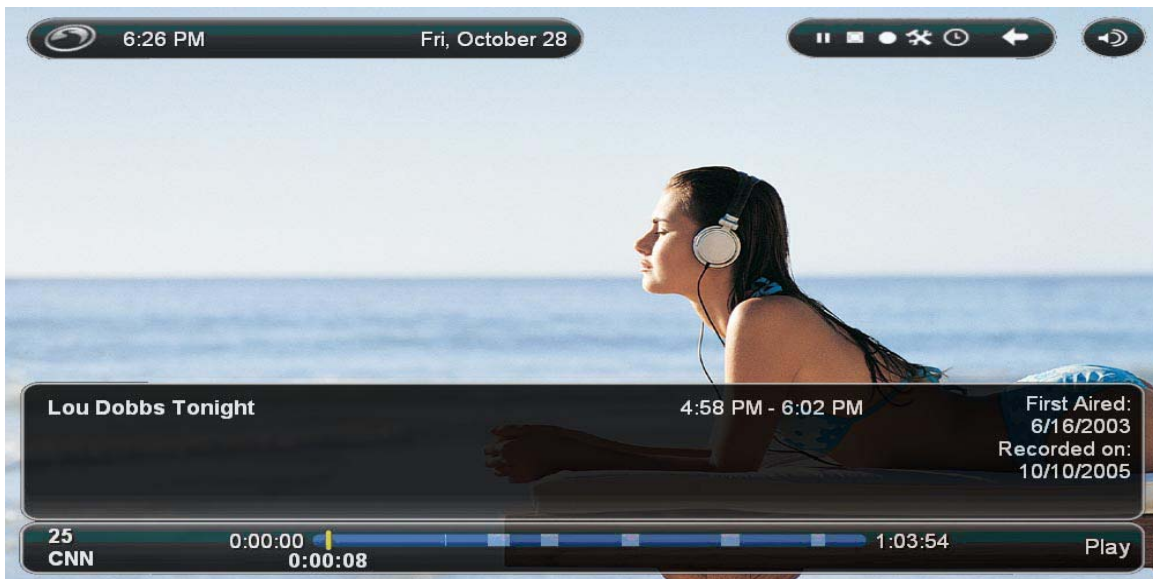
Follow the steps below to watch recorded shows in the ViewScape interface.

1. From the Home page, select “Recorded Shows”.
2. Scroll through the list of recorded shows and select the show you want to watch.
3. Select the “Play” option from the list on the bottom right of your screen.

SmartSkip™

SmartSkip™ creates “chapters” that let users skip commercials or other parts of TV shows.

After enabling SmartSkip on the General Settings page, Beyond TV 3 will automatically insert markers in recordings at major scene changes, creating chapters. Users can then easily skip quickly from one chapter to another with the touch of a button. Chapters are indicated by blue and grey alternating colored blocks on the timeshifting bar at the bottom of the screen.



Use the up and down buttons on either the keyboard or remote control to navigate through the chapters. With the mouse, click on the point where the indicating bars change colors.

30-second Skip and Instant Replay

While watching a Beyond TV 4 recording in the ViewScope interface, users can skip forward 30 seconds or get a 7-second instant replay with one click. Skip forward and back lengths can be adjusted on the Player Settings page.

Watch Recordings through a Home Network



With Beyond TV Link**, Beyond TV 4's client server, you can setup a multi-room digital home. Beyond TV Link can be used with any wired or wireless home network, and allows you to access recorded programs and play Live TV on any networked computer in your home. You don't need additional tuner cards to expand your Beyond TV functionality to another networked computer.

Watch recordings remotely by connecting to your Beyond TV 4 server through the Internet using a web browser, or use Beyond TV 4 to watch recorded shows from any room in the house.

**Beyond TV Link is a separate product.

To sum up...

- ✓ With Beyond TV 4, you can easily browse your library of recorded shows and select the one you'd like to watch.
- ✓ You can skip forward thirty seconds or replay the last seven seconds of a program using SmartSkip™ and Instant Replay.
- ✓ You can watch Live TV or your recorded programs on any networked computer in your home wired or wireless network using Beyond TV Link.

Managing Shows

Beyond TV 4 offers a variety of ways for users to manage their recordings. Users can delete a recording after viewing, keep a recording until they manually delete it or keep a recording until more room is needed. The ShowSqueeze™ feature offers users the option to save room on their hard drives by recompressing their recorded files. It is also possible to copy recorded shows to CDs or DVDs with third party applications.

Recording Settings and Priorities

The Recording Settings function is located in the Setup Recordings menu. It displays the shows you have selected to record and allows you to adjust their priority in case of conflicts.

Example:

If you have selected to always record *Friends* and always record *NBA Basketball*, you can assign *Friends* a higher priority in the Recording Priorities. If there is ever a conflict, *Friends* will always take priority and be recorded instead of *NBA Basketball*.

You can delete upcoming recordings and view and edit details of shows to be recorded in the “Recording Settings and Priorities” screen. Details include the quality of the recording, the target folder to store the recording, whether the show will be recompressed, whether fixed content is enabled or disabled and the maximum number of shows to be recorded.

Upcoming Recordings

The “Upcoming Recordings” screen displays all upcoming episodes of a recording, which episodes are scheduled to be recorded, and the details of each episode. Users can also cancel recordings in the “Upcoming Recordings” screen. The “Upcoming Recordings” screen is located in the “Setup Recordings” menu.

Example:

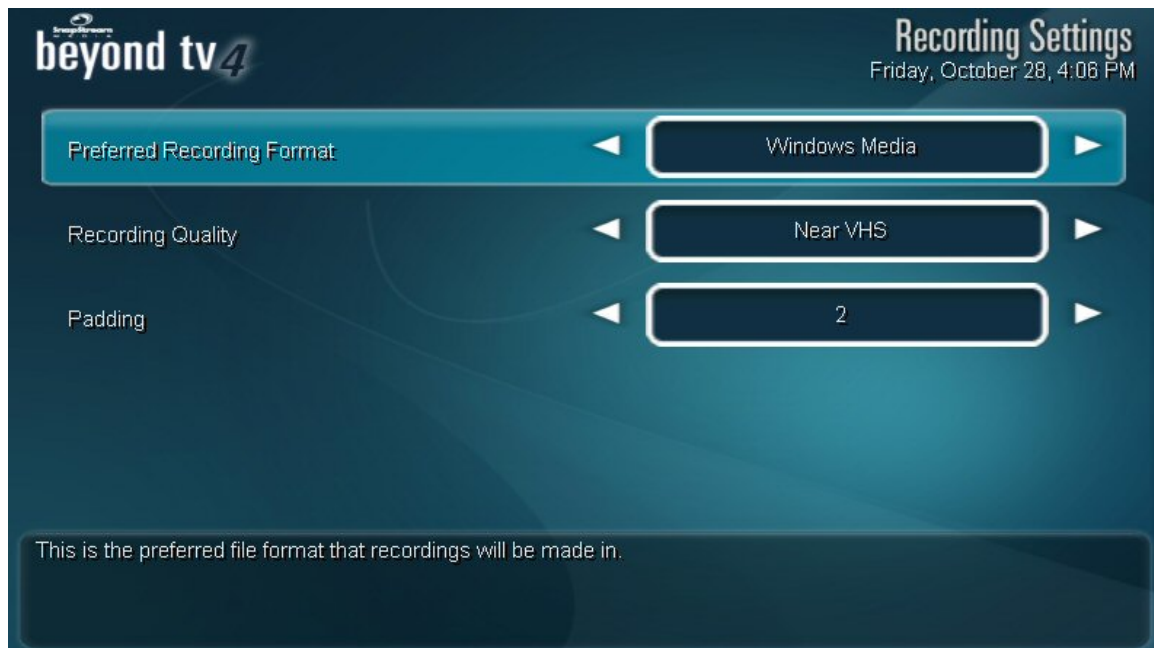
If you have selected to record every episode of *Lost*, each individual episode will be listed in Upcoming Recordings, along with the episode title and description.

Other Recording Formats

By default, Beyond TV 4 records all content in the MPEG-2 format, which then can be transcoded into Windows Media or DivX format. Optionally, users who have TV tuner cards without hardware encoding can skip the process of transcoding MPEG-2 by recording directly to Windows Media or DivX.

To change the file format from MPEG-2 to Windows Media or DivX...

1. From the Home page, go to Settings.
2. Select Recording Settings.
3. Change Recording Format to Windows Media or DivX



Note – The recording format for high-definition shows is always MPEG-2 transport stream, and cannot be modified.

ShowSqueeze™

Recompress recorded shows with ShowSqueeze™. Beyond TV 4 lets users recompress into the Windows Media or DivX format. On the Home page of the ViewScape™ interface, go into Settings, then ShowSqueeze™ Settings to enable Automatic ShowSqueeze™. ShowSqueeze™ compresses files to roughly one-third of their original size. In addition, Beyond TV 4.3 now allows you to ShowSqueeze HD content into Windows Media (.wmv) and DivX formats, saving space and allowing you to save more HD recordings.

MPEG-2 Format, Good Quality Level	
Before ShowSqueeze™	After ShowSqueeze™
1 GB	326 MB
2 GB	650 MB
10 GB	3.2 GB
20 GB	6.4 GB

Note – Shows to be viewed on Pocket PCs must be ShowSqueezed to the appropriate Pocket PC quality.



DivX Support

DivX enables you to create files one-tenth the size of your normal MPEG-2 format recordings. Beyond TV 4 not only supports ShowSqueeze™ to DivX, but also enables watching live TV and recording directly to DivX format from software encode cards. It also supports Plextor's DivX-based hardware encode cards. All the necessary encoders and decoders are included, so you can get up and running with DivX in a flash. Beyond TV 4.3 has added support for DivX 6.1, enabling Intel dual core PCs to encode up to 300% faster.

Copying Shows to your Sony PlayStation® Portable

With a 16:9 widescreen TFT LCD display, the Sony PlayStation® Portable (PSP™) is an excellent portable player for Beyond TV recordings.

Copying TV shows recorded with Beyond TV is really a simple three-step process:

Step 1: Record your TV content with Beyond TV 4.

Step 2: Convert your recorded TV shows to MPEG-4 with third-part software, such as PSP Video 9 or Sony Image Converter 2.

Step 3: Copy your shows to your PSP via USB 2.0 or manually with a Memory Stick reader/writer. You can playback, fast forward, rewind, pause, and stop your show recordings on your PSP. The PSP is the perfect companion to Beyond TV 4 for watching your content on the go.

Copying Shows to Microsoft Portable Media Center

Copying your Beyond TV show recordings to your Microsoft Portable Media Center is another great way to take your shows on the road, the train, the plane, or anywhere else you choose.

It's easy to synchronize your PC and your Portable Media Center, by following these steps:

Step 1: Record your TV content with Beyond TV 4.

Step 2: Install Windows Media Player 10, which facilitates synchronization.

Step 3: Connect your PMC to your computer via USB 2.0 port and follow the directions to synchronize your PMC with your computer.

Step 4: Enable the Portable Media Center Option in "Miscellaneous Settings".

Step 5: Send all shows to PMC. Beyond TV lets you do this automatically for every recording of a series, or manually for a single show. By following the steps above, you should be able to easily transfer recorded shows to your Portable Media Center.

Copying Shows to your Pocket PC

Step 1: Record your TV content with Beyond TV 4.

Step 2: Recompress your recordings to the target format with Beyond TV's ShowSqueeze™ feature.

Step 3: Copy the recompressed file to the Pocket PC's storage card.

Step 4: Open the file using Windows Media Player for Pocket PC.

Burning Shows to DVD

Beyond TV 4 supports the unencrypted MPEG-2 format, which makes burning TV shows to DVDs a breeze. Just load Beyond TV 4 recordings into third-party software such as Sonic's MyDVD or Roxio's Easy CD & DVD Creator.

Record your TV shows to the right MPEG-2 quality profile and avoid the time-consuming transcoding step before burning to DVD. To avoid having to transcode, choose one of the pre-configured "DVD" quality settings in Beyond TV 4.

There are currently two, competing formats that seek to replace DVD technology and provide consumers with the ability to record HD broadcasts direct to DVD. The two formats are Blu-ray and HD DVD. Blu-ray and HD DVD both seek to become the next-generation format for recording content to DVD, and it is unclear at the present which one will prevail. Both support the direct recording of MPEG-2 transport streams to disc without any quality loss. This means that HDTV broadcasts, which employ MPEG-2 transport streams, can be directly recorded to disc with the Blu-ray technology.

Until a single format prevails, it is difficult to predict how the HD content you record with Beyond TV will be copied to DVD.

To sum up...

- ✓ ShowSqueeze™ recompresses files into Windows Media or DivX format to create more space for recorded shows.
- ✓ DivX support allows viewers to record direct to DivX or recompress files into DivX format.
- ✓ You can easily transfer recorded shows to your Pocket PC, Sony PlayStation® Portable or Microsoft Portable Media Center for easy viewing on the go.
- ✓ With Beyond TV 4 you can copy shows to DVD with third-party software.

Listening to FM Radio

Beyond TV 4's FM Radio support allows you to listen to radio, set presets, and timeshift live FM radio. All you need is an FM Radio tuner on your TV tuner card. Many TV tuner cards already contain FM tuners.



Listening to FM Radio with Beyond TV 4 is easy! Merely select the “FM Radio” button from the Main Menu. If you are using a remote control, you can seek for stations with the channel “plus” and “minus” buttons. To move in single increments, use the “up” and “down” arrows, located in the center of the Firefly remote.

If you are using a mouse, you can click on the “Jump” and “Seek” arrows in the toolbar to toggle between channels.

To sum up...

- ✓ Beyond TV 4's FM Radio support allows you to listen to live radio, timeshift, and set presets for easy access to your favorite stations.

HDTV

The Basics of HD Support

There are three main reasons why HDTV is superior to SDTV:

- Picture resolution
- Video clarity
- High fidelity Dolby Digital (AC-3) audio.

The picture created by HDTV technology has a higher resolution than most consumers are accustomed to. The usual SDTV picture, as established by the National Television Standards Committee (NTSC), has 525 vertical lines of resolution (only 480 of those are visible). However, HDTV adopts a new format established by the Advanced Television Systems Committee (ATSC) that provides for 480, 720, and even 1080 lines of resolution. As a result of higher density of scan lines, HDTV has approximately ten times the picture detail of SDTV!

In addition to enhanced resolution, HDTV has the advantage of digital communications over SDTV. SDTV is transmitted as an analog signal. Over time and through transmission, analog signals can weaken, degrade, and bleed. HDTV, however, is transmitted solely as a digital signal, which provides much more robust control over weak signals and is completely free of signal degradation and bleeding.

Features of Beyond TV 4 HD Support

Integrated Program Guide with Custom Lineups

If you live in the United States or Canada, Beyond TV 4 will create a custom lineup upon installation that integrates your HDTV channels and standard-definition channels in one easy-to-use electronic program guide.

Multiple Tuner Support

With support for multiple tuners, it is easy to take advantage of HDTV and standard-definition programs simultaneously. Beyond TV 4 supports the use of analog and digital tuners simultaneously so you can record multiple programs in multiple broadcast formats.

Easier Setup

The setup wizard makes it easy to install multiple TV tuner cards and designate different broadcast sources so you can easily capture over-the-air HDTV. A new signal strength page helps you adjust your antenna to maximize HDTV reception.

Disk Space Management

Beyond TV 4 includes specialized disk space management tools that indicate how much space you have left to record high-definition content.

ShowSqueeze & SmartSkip for HD Recordings

Beyond TV 4.3 now includes support for ShowSqueeze™, allowing you to shrink large HD files to more efficient formats. In addition, SmartSkip™ lets you jump over commercials in HD recordings with as much ease as you do with all your standard recordings.

Choosing Your Hardware

What you need to create an HDTV PC

In the United States, HDTV is broadcast in the following ways:

- Over-the-air (OTA) in Advanced Television Systems Committee (ATSC) format
- Over cable in Quadrature Amplitude Modulation (QAM) format
- Over satellite via a proprietary format

This means that you can get HDTV programs through an antenna, an HDTV cable box, or a satellite box. Currently, however, only OTA format, i.e. through an antenna, can be easily captured on your PC. To capture and play this signal on your PC, you need:

- Beyond TV 4
- an HDTV compliant Antenna
- an Interconnect Cable
- a computer with minimum specifications, outlined in the System Requirements section below
- HDTV shows broadcast in your area (see <http://www.checkhd.com/> for a list)
And optionally (but recommended):
- An HDTV Television set with proper cabling to display content from the PC

System Requirements

You will need an up-to-date computer with recent hardware to decode an HD signal. Make sure your computer meets or exceeds these specifications:

- 1.7 GHz or above Intel or AMD processor
- 512MB Ram
- ATI Radeon 9550 or NVIDIA GeForce 5200 or above video card. Failure to use a proper video card will result in a choppy picture.

- Windows XP (Home or Pro) with Service Pack 2. SP2 is a requirement, not a recommendation.
- DirectX 9.0c
- Sufficient free hard drive space. A typical HD show is about 9 GB for one hour of TV. This is up to 8 times the size of traditional MPEG-2 encoding. For normal usage, 200 GB of free space is a practical minimum. The following chart shows the approximate amount of hard drive space you will need depending on recording times.

Hard Drive Space	Recording Time
10 GB	1 hour
40 GB	4 hours
80 GB	9 hours
120 GB	13 hours
240 GB	27 hours

Contact Information

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