

Boxee User Manual

Table of contents

About Boxee

Boxee Features

Boxee FAQ

Installing Boxee

- Supported Platforms
- Minimum system Requirements

Installing the Software

- Windows
- Mac OS
- Linux Ubuntu
- Apple TV

Setting Up Boxee

- First Time Use
- Basic Settings
- Calibrating the Screen
- Setting Up Resolution
- Setting Up Secondary Screen
- Setting Up your Region
- Changing Background Image

Organizing your Media Library

- Adding Media Sources
- File Scanning
- Naming policy
- Resolving Unidentified Movie files
- Manual Movie and TV Show Identification
- Resetting/Erasing database
- Hiding Adult content

Setting up Services and Users

- Adding Social Network feeds
- Adding and Removing User

Using Boxee

- Navigating Boxee
- Adding Removing Shortcut
- Removing Shows from History
- Search

Movies and TV Shows

- Viewing a Local Movie or a TV Show
- The TV Show Library
- The Movie Library
- Adding and Removing to the Queue

Music

• Listening to local Music

Photos

• Viewing Local Photos

Apps

- Adding and removing Apps
- Adding Third-Party Apps Repository

Files

• Using File Browser

Settings

- Local Sources
- Look & Feel
- Media
- System
- Network
- Personal
- Parental Control
- OSD Video
- OSD Audio
- OSD Subtitles

Useful Links

About Boxee

Boxee is the first free, open source social-media software that allows users to personalize their home media experience. Boxee is available for Windows, Mac, Linux and Apple TV(through a 3rd developer).

Boxee allows users to instantly access their personal library of digital movies, TV shows, music and photos, and stream content to their TV from websites like Netflix, MLB.TV, Comedy Central, Pandora, Last.fm, and Flickr. Boxee's wired to social networking sites like Facebook and Twitter, so users can share their favorite media with friends and family. All this from a free software program that visually beautiful and simple to use.



Boxee Features

Home Screen

The Home Screen is your hub for recommendations and content: see recommendations from your friends on Boxee, Facebook or Twitter in Boxee's **Feed**; recommendations from Boxee's staff and partners in our **Featured** section; and the latest episodes from your favorite shows or things you've saved for later in your **Queue**.

The Home Screen is where it all starts! You will be able to navigate to any area of Boxee from the here.

The Boxee Home Screen



Designed for your TV screen, Boxee's user interface defaults to full screen mode, You can change the display settings to force the application to appear in a window if you prefer (see Settings). You can use a mouse, a remote control, a keyboard or any combination you choose to navigate the controls of the Boxee user interface (UI).

Global Menu Screen

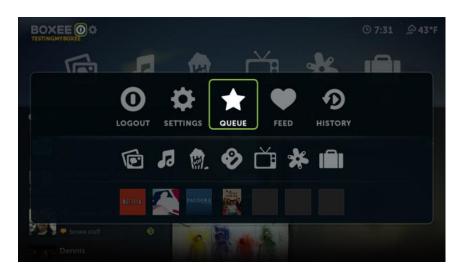
This menu makes it easy to access helpful resources and it is made up of three rows.

- 1. Logout Row Logout, Settings, Queue, Feed, History
- 2. Media Row Photos, Music, Movies, Home, TV Shows, Apps, Files
- 3. ShortCuts Row to your favorite Apps, TV Shows, Movies, or folders/files

Media Row



Logout Row

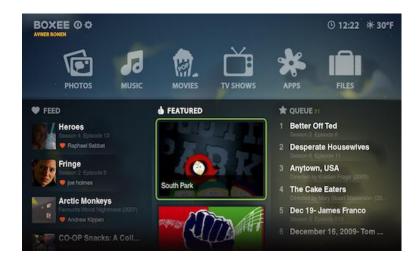


ShortCuts Row

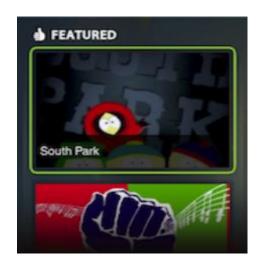


Featured

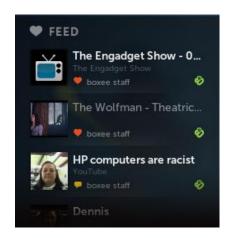
Featured Section on Home Screen



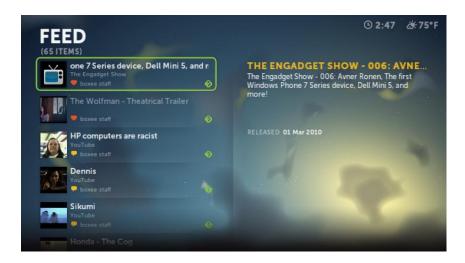
Featured



Feed

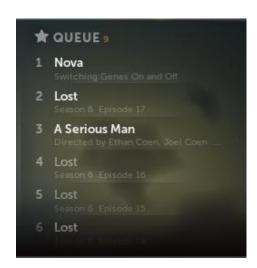


Feed Screen

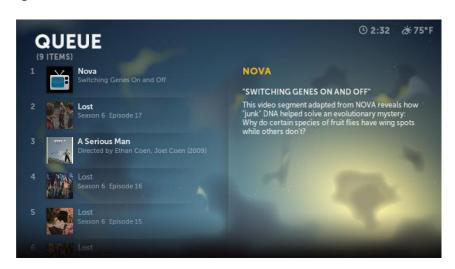


Queue

Queue Section on Home Screen



Queue Screen



TV Shows

TV Show Library



My TV Shows



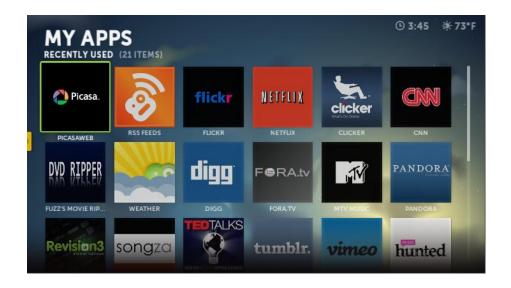
Movies



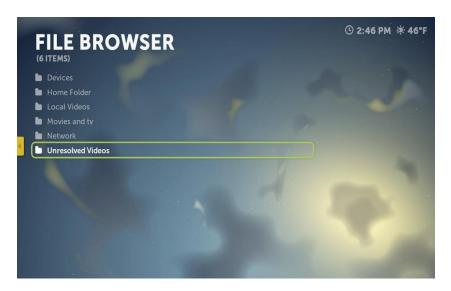


Applications





Files





Sharing



Boxee FAQ

1. What is Boxee?

Boxee is the best way to watch movies, TV shows and clips from the Internet on your TV. You can buy a device powered by Boxee or build your own Boxee using a new or used computer.

2. What can I watch on my Boxee?

If it's available on the Internet, then you can probably watch it on your Boxee - there are more than 40,000 TV show episodes and movies currently available through Boxee. Plus, you can play personal stuff from your network or hard-drive.

3. How do I watch live TV?

It depends on what you want to watch. Some Boxee applications like BBC or MLB broadcast live content. However, most content from mainstream TV makes it way into our TV Show library soon after it airs.

4. Are there monthly fees to use the Boxee?

Boxee does not charge you any monthly fees, but some premium applications accessible through Boxee require a fee.

5. What is the Boxee Box by D-Link?

It's the first major device powered by Boxee on the market. It's an all-in-one box specialized to run Boxee and it comes with a useful QWERTY remote -- all eliminating the need to use a computer to run Boxee on your TV.

6. Why does Boxee require a login?

Boxee is meant to be social - not just with friends online, but also with people in your house. With this in mind we designed Boxee with multiple user accounts so that your social network, favorite TV shows and apps remain personalized and accessible only to you. If you want Boxee to log in to your account automatically when it starts up, make sure there are no other user accounts added to your Boxee and select "remember password" from the login screen.

7. I can't remember my password, how can I fetch a new one?

Use our Password Recovery tool.

8. How do I know that an application or TV show is not playing because it's geoblocked, and not because of some other problem with Boxee?

Some content providers block access to their content from outside their region due to distribution agreements in different parts of the world.

The easiest way to know which is which is to visit to the original content provider's website and try to play the media directly from there. If it works on their website, it should also work in Boxee. If it won't play on their website, then Boxee won't play it either.

9. How do I upgrade Boxee?

You will be prompted to upgrade when a new version is available whenever you login.

10. Which video formats can Boxee play?

Boxee supports Adobe Flash 10.1, FLV/On2 VP6 (FLV/FV4/M4V), H.264 AVC

(TS/AVI/MKV/MOV/M2TS/MP4), VC-1 (TS/AVI/MKV/WMV), MPEG-1 (DAT/MPG/MPEG), MPEG-2 (MPG/MPEG/VOB/TS/TP/ISO/IFO), MPEG-4 (MP4/AVI/MOV), DivX 3/4/5/6 (AVI/MKV), Xvid (AVI/MKV), and WMV9 (WMV/ASF/DVR-MS).

11. Which audio formats can Boxee play?

Boxee supports MP3, WAV/PCM/LPCM, WMA, AIF/AIFF, AC3/AAC, OGG, FLAC, DTS, and Dolby Digital/Dolby True HD

12. Which image formats can Boxee display?

Boxee supports JPEG, PNG, GIF, BMP, TIFF.

13. How can I contact Boxee?

There are many ways:

If you want to report a bug, ask us a question or even suggest an improvement, then you should visit our <u>Knowledge Base</u>. There you'll find our Getting Started and Troubleshooting guides. If you still can't find the answer you need, then try our <u>Community Forums</u> where expert users assist others -- The response is usually pretty fast.



Installing Boxee

Supported Platforms



Apple Macintosh

Mac OS X (Intel Only) (Tiger 10.4, Leopard 10.5, Snow Leopard 10.6)



Linux

Ubuntu (9.10 Karmic Koala, 10.04 Lucid Lynx)



Windows

Windows (XP, Vista, 7)



Apple TV

Boxee is available for the Apple TV through a 3rd party developer (firmware 2.x and above)

What are the minimum system requirements to run Boxee?

Suggested Hardware

CPU

Apple Macintosh

- dual-core x86 (Intel only) based system running at 2.66GHz or greater
- 2 GB system memory (RAM) or more

Linux

- dual-core x86 (Intel/AMD processor) based system running at 2.0GHz or greater
- video card that supports VDPAU(currently **NVIDIA GeForce 8 series** and later) AND **libvdpau1** installed.
- 2 GB system memory (RAM) or more

Windows (Vista, 7)

- dual-core x86 (Intel/AMD processor) based system running at 1.6GHz or greater
- video card that supports hardware accelerated Flash (see below)
- 2 GB system memory (RAM) or more

Windows (XP) - does NOT support hardware accelerated video

- dual-core x86 (Intel/AMD processor) based system running at 2.4GHz or greater
- 2 GB system memory (RAM) or more

Video Card

(for hardware accelerated Flash(10.1) video with Windows Vista, Windows 7 **ONLY**)

- NVidia Cards: Geforce GTS xxx, Geforce GTX xxx, Geforce GT xxx, Geforce 9xxx, Geforce 8xxx, MCP79 (Ion), MCP78, MCP7A
- ATI Cards: Radeon HD 4xxx, Mobility Radeon HD 4xxx, Radeon HD 3xxx
- <u>Intel Cards</u>: X4500HD (part of G45 chipset), X4500MHD (part of GM45 chipset)

Recommended minimum internet connection speed?

To enjoy Boxee's online content we recommend the follow minimum internet connection speed for Boxee to perform well:

- SD (360p) requires at least 1000 kbps
- 480p requires at least 1500 kbps
- HD (720p) requires at least 2500 kbps
- HDX (1080p) requires 4500 kbps

Installing Boxee

Ensure the machine you are installing Boxee on has <u>up-to-date software and</u> <u>drivers</u>.

Download the **relevant version** of Boxee for your operating system.

To use the Boxee application you will need to register with Boxee. So why not do it while the file downloads?

If you choose not to register at this time, you can also register when you first use Boxee. Just check **New User** and enter a valid email address, then pick a user name and password.

Already a registered Boxee user? Great! There is no need to log in now. Just download the file and continue to follow the directions for your operating system below.

Windows Installation

- Click on the file that was downloaded
- Click on Yes (to answer the windows warning message)
- The following screen will appear



- Click Next
- Click **I Agree** (Boxee license agreement)
- If the default destination folder is OK with you, then click **Next**
- Click Install

- Click Finish
- Click on the Boxee icon that was added to your desktop
- Boxee will start
- Now go to first time use to continue the installation process

Mac Installation

- Click on the .dmg file that was downloaded
- You'll now see the initial install screen for Boxee which currently looks like this.



- Continue through the install process and complete the installation of Boxee
- Click on Boxee in your Applications folder
- Boxee will start
- Now go to first time use to continue the installation process

Linux Ubuntu Installation

- Click on the .deb file that was downloaded
- Click on Install Package
- Wait for it to finish
- Click Close
- To start Boxee go to: **Applications > Sound & Video > Boxee**
- Boxee will start
- Now go to first time use to continue the installation process

Apple TV Installation

Installing Boxee on an AppleTV will require three things:

- a computer running Mac OS X or Windows XP/Vista
- a USB flash drive which will work as a patchstick
- an AppleTV

Here are a couple of video tutorials that will walk through this process:

- How to make the patchstick
- How to install the patchstick on Apple TV

Not all USB flash drives will work to patch the AppleTV but there is an <u>AppleTV</u> Flash Drive Compatibility List.

Once you've obtained a flash drive you'll need to download the most recent version of atvusb-creator.

Making the patchstick

- 1. Insert a "bootable" USB drive into your PC/Mac
- 2. Run the ATVUSB-Creator
- 3. Click on Create Using or Create Patchstick
- 4. Remove the USB drive and plug it into your Apple TV

Installing

- 1. Power on your Apple TV and the patchstick will run the ATV bootloader
- 2. After the bootloader finishes, remove it and restart your Apple TV
- 3. It now has options for Boxee / XBMC on the main menu
- 4. Click on Boxee, then select update launcher and then update Boxee Beta
- 5. Once Boxee is done installing, restart your Apple TV
- 6. Click Boxee
- 7. Boxee will start
- 8. Now go to first time use to continue the installation process

Setting Up Boxee

First time use

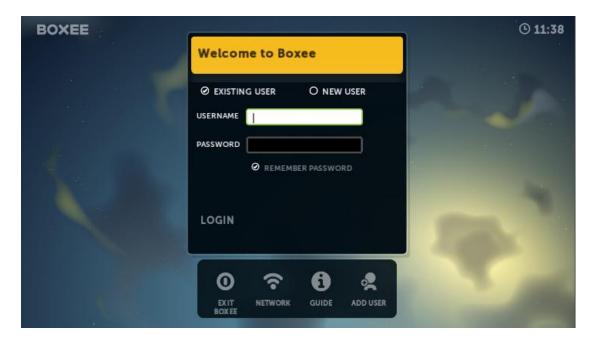
Welcome to Boxee. Congratulations, you are about to use your TV in a brand new way!

Once you download and install Boxee there are a few things that are specific for first time use.

The first time you start / run Boxee you will be presented with the login screen.

Registered User

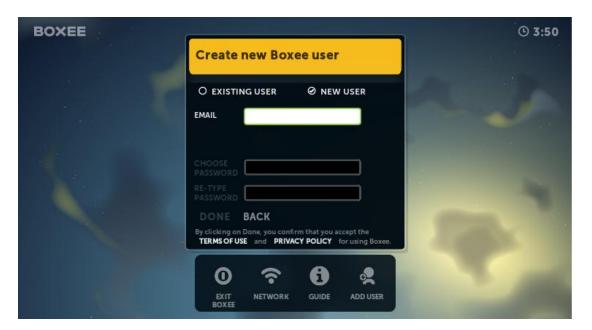
If you have already registered at the <u>Boxee Website</u>, you will be asked to enter your username and password.



- Choose 'Remember Password' to automatically log in to Boxee each time you start Boxee. (this can be changed at any time in Change User)
- Select Login

Not Registered

If you have not yet registered at the <u>Boxee Website</u>, check New User and then enter your email address, a username, and password.



- Choose 'Remember Password' to automatically log in to Boxee each time you start Boxee. (this can be changed at any time in Change User)
- Select **Done**

You will then be asked if you would like to do a screen calibration.

• If you feel your screen is OK (looks like the ones above), **Select Skip**.



• If you feel your screen is not OK (does **not** look like the ones above), **Select OK**.

Basic Settings

Calibrating the Screen

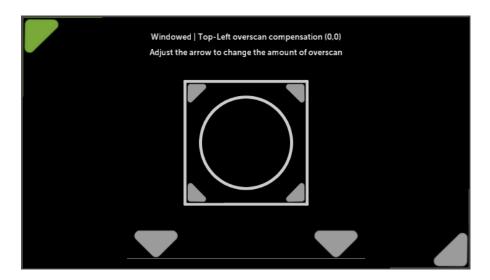
When running Boxee for the first time after an install, you will be asked if you would like to calibrate the screen. You can choose to calibrate now or skip calibration. If you choose not to calibrate at install, you can always do this adjustment at any time if you find your screen is not calibrated correctly and/or parts of the Boxee user interface are missing off the screen.

To set Boxee to fit your screen, please follow these instructions:

• Go to Settings > Look & Feel > Screen > Screen Format & overscan...



- You may be able to get your screen adjusted correctly by using the 'standard adjustments' above.
- If your screen still needs more adjustment then click on **Advanced Calibration**
- You will be presented a screen like you see below:



• On this screen use the **enter / select** key to move between the four adjustment cursors. They will turn green when selected.

- First, go to the **top left** cursor (seen above) and use the arrow keys to position it in the top left corner of the screen. You should be able to see the green arrow-head and two thin green lines in the corner.
- Next, switch to the **bottom right** cursor and adjust it so you see the arrowhead and the two thin lines in that corner.
- Now select the **subtitle positioning bar** and move it up or down to the position on the screen were you would like to see the subtitles presented.
- Finally, move to the **center square** (aspect ratio) and adjust it to ensure box is square(use a flexible ruler if required) and the circle round.
- That's it! Your screen is now calibrated. Hit **Esc** or **Back** until you reach the **Home Screen**.

Setting Screen Resolution

Since Boxee has been designed as a home media center, it starts in full screen mode the first time you use it. You can change this at any time by changing the resolution for Boxee on your display from the menu at <u>Settings > Look & Feel > Screen > Resolution</u>. If you have one display attached you will be given two options: **Full Screen** and **Windowed**. Select the option you would like to use, then select **Test & apply resolution** and **OK**.



Setting up a Secondary Screen

If you have two displays attached, you can control the resolution for Boxee in your main, as well as your secondary display.

Set your display preferences to "extended desktop" on you computer.

- 1. Run Boxee.
- 2. Go to **Settings > Appearance > Screen**.
- 3. For **Resolution**, choose **Full Screen #2**.
- 4. Click on **Test Resolution**.

You can also toggle between window and full screen modes, by hitting the "\" (backslash) key.

Set your Region

Set your Region and Language by going to <u>Settings > Look & Feel > Region</u> in the Boxee.

Setting your region enables you to personalize your version of Boxee in your preferred language with the correct time, date and weather temperature(displayed in the top right corner of your screen).

- Some content providers block access to their content from outside their region. That has to do with distribution rights in different parts of the world, and lots of legal mumble jumbo we won't get into here.
- Technically, those content providers check the IP address of your the computer, and block access to IP's not within the authorized region.
- There are some ways of getting the desired IP address for your computer, even when connecting from different parts of the world, and you can probably google for more info on that matter.

How do I know that an application is not playing because it's geo-blocked, and not because of some other problem with Boxee?

The easiest way would be to pay a visit to the original content provider's website and try to play the media directly from there. If it works on their website, it should also work in Boxee. If it won't play on their website, then Boxee won't play it either.

So, which Boxee applications are geo-blocked?

Here's a short and partial (as we don't really know which applications the community is adding to Boxee, we can only testify on the apps developed in-house) list of the geo-blocked services in Boxee:

Blocked for IP's outside the US:

- CBS
- Hulu feeds
- Joost (only part of the content)
- MTV (most of the content)
- Netflix
- The WB
- Amazon
- Pandora

Blocked for IP's outside the UK:

• BBC iPlayer

So why are you showing me stuff I can't watch?

If you do not wish to see those feeds and applications pointing to such content, please do the following:

- 1. Open Boxee <u>Settings > Look & Feel > Region</u>.
- 2. Check the **Hide feeds and applications that cannot be played in your region** option.

That's it. Now you will not see those feeds and applications any more.

Change the Background Image

Change the background image Boxee uses at:

- Settings > Look & Feel > Background Image
- Select **Set background image**
- Browse your local file system to the desired *image*
- Select the image and then select **OK**

You can also have Boxee *cycle through images* in a folder you specify to be displayed in the background.

Change the Background images folder at:

- Settings > Look & Fee > Background Image
- Select **Set background images folder**
- Browse your local file system to the desired *folder*
- Select the folder and then select **OK**

If the background images folder has been previously set it can be reset to the default image by going back to:

- Settings > Look & Fee > Background Image
- Select Reset background images folder

Organizing your media library

Adding Media Sources

Media sources are folders or drives Boxee looks through to identify and add media content to the **TV Shows, Movies, Music, Photos** and **Files** screens. By default, a few sources are pre-defined in the Boxee installation, and those include your operating system's default media folders (i.e. Microsoft Windows' "My Music", "My Videos" and "My Pictures" folders).

You can add as many sources to Boxee as you like from your local hard drive, external hard drives or from your network. You will need to make sure you have access to shared folders in the networked computer hosting the media you want to share. If the media source is on a Mac computer, you will need to **define the share as SMB**.

There are several ways by which you can get to adding a source in Boxee.

From the **Home Screen** select one of the following methods:

- 1. **Settings > Local Sources > Add Sources**, select the source you would like to add, select **Add Source**
- 2. **Settings > Local Sources > Add Sources**, go to the bottom of the list and select **Manually Enter IP / Name...**
 - Enter the **Hostname or IP** of the remote machine
 - Enter the Username and Password of the remote machine and select OK
 - Choose the drive, folder or file you would like to add and then select \boldsymbol{Add} \boldsymbol{Source}
 - **NOTE:** if you do not set a static IP for the source computer, the source might become unavailable when the IP address changes.
- 3. **Files**, select the source you would like to add, from the left/slide menu select **Add Media Share**
- Movies, TV Shows or Music, from the left/slide menu select Manage Sources > Add Sources select the source you would like to add, select Add Source

You will be presented with this screen (SETTINGS: LOCAL FILES):



Once here you can then:

- Enter the <u>SHARE NAME</u> for your source (keep it simple so you can easily identify it later).
- Review the **SHARE LOCATION** for correctness.
- Check the source <u>MEDIA TYPE</u> (multiple selection is available for multiple media types in the source).
- Choose <u>TYPE OF SCANNING</u> for how often or if Boxee should scan your media:
 - <u>PRIVATE (NEVER):</u> If you don't want the content in the specific source scanned.
 - ONCE: Boxee will scan this folder once when added, and never again.
 - <u>DAILY</u>: Boxee will check this folder for new content once a day for new content.
 - MONITORED (VERY FREQUENT): recommended if you are adding/deleting files regularly.
- Click on the **Add** button
- Done! Source added.

Once your content has been indexed or recognized by Boxee, you will be able to locate your media in its appropriate location on Boxee (*Movies / TV Shows / Music / Photos / Files*).

File Scanning and Identification Progress

Boxee scans for media only when it is idle and not doing other tasks. Adding media shares does not mean they will show up in "My TV Shows", "My Movies", "My Music or "My Photos" immediately. Boxee scans for the media shares, tries to identify the media and checks sources on the web to get data like cover art, fan art, thumbnails and other metadata to allow Boxee to present a rich interface to the user.

You can now specify the frequency of scanning(Private, Once, Daily, Monitored) for media of folders on your computer. It provides for better performance and greater control over the process. You can manually initiate a scan when browsing local folders (Main Menu > Files) or define a folder as a new media source.

You can easily see how many files Boxee is scanning, has identified, and/or doesn't recognize within your media collection. Check the status from any menu sidebar (TV shows, Movies, Music) or from the Media settings menu (Settings > Local Sources).





Correctly naming local media files

After setting up your media sources Boxee will start to retrieve artwork and information, based on how your media files are named.

There is a specific way you must name your movie files and your TV shows and episodes for the function to work correctly.

For correct names of Movies and TV shows, please refer to **IMDB.com**

Movies

It is recommended to place a single movie inside a directory.

Boxee currently supports the following naming convention for movies:

Title.extension Examples:

- Die.Hard.avi
- Toy.Story.2.avi

It is recommended that you add the movie's release year for greater accuracy, especially when dealing with remakes.

Title.(YEAR).extension Examples:

- The.Day.the.Earth.Stood.Still.(1951).avi
- The.Day.the.Earth.Stood.Still.(2008).avi

For multi-part movie both part# and cd# are supported. *Title.part#.extension* Examples:

- Seven.Pounds.cd1.avi
- Seven.Pounds.cd2.avi
- The.Simpsons.Movie.part1.avi
- The.Simpsons.Movie.part2.avi

All parameters can be used in conjunction - *Title.*(*Year*).*part.extension* Examples:

- The.Stepford.Wives.(2004).part1.avi
- The.Stepford.Wives.(2004).part2.avi
- The.Stepford.Wives.(1975).cd1.avi
- The.Stepford.Wives.(1975).cd2.avi

TV Shows

TV Shows' file names are usually consisted of the show's name, the season (usually indicated by the letter "S", or just the number), the episode (usually indicated by the letter "E", or just the number), the episode's title, and some more info regarding the quality and source of the file.

Boxee currently supports the following types of naming conventions for tv shows.

Show.Title.S##E##.info.extension (double digits are required: S#E# will not work.) Examples:

- The.Sopranos.S02E01.avi
- Entourage.S05E01.avi

Show.Title.#x##.info.extension Examples:

- How.I.Met.Your.Mother.1x01.Pilot.avi
- The Office 02×02 stuff avi

Please note: Adding the series' release year in the file will help resolve remakes and TV shows with similar names (please refer to IMDB.com to find the correct release year of the show)

Extra/Special episodes:

Season number should be '00', episode number should be 01-##. The episode number should be assigned according to <a href="tel:theta:

Example:

South Park extra episode called "The Spirit of Christmas (santa vs frosty)" http://www.thetvdb.com/?tab=episode&seriesid=75897&seasonid... should be named South.Park.S00E02

Music

With music, the most important issue is the id3 tags.

These tags hold all the information such as album name, artist, year, genre and even artwork. Whatever is there, will be presented in Boxee, so be sure to include as much info as possible in your id3 tags.

If you do not want to keep the artwork as part of the id3 tag, you can also put a picture file of the artwork in the relevant folder, and name the file 'folder.jpg'.

Resolving an Unidentified Movie or TV Show

There is a specific way you must name your movie files and your TV shows and episodes for the function to work correctly.

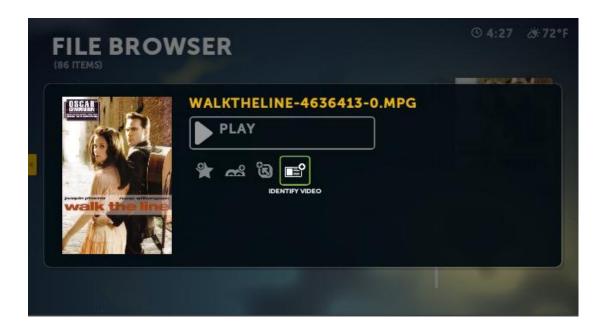
After setting up your media sources, Boxee will start to retrieve artwork, information and other metadata, based on how your media files are named.

If Boxee finds some media files that were unresolved, Boxee's manual resolve function allows you to complete the information for you favorite media. Here is a step-by-step guide to help you.

Manual Movie & TV Show identification

Fix unresolved Movies or TV show seasons and episodes to ensure your collection is pristine.

- Select Unidentified Files from Settings > Local Sources
 - OR -
- Select **Files** icon from the **Jump Menu**, and then select the **Unresolved Videos** folder at the bottom of the list
- Click on one of the videos in the list
- Choose the **Identify Video** icon



- Enter the correct name for the movie or show.
- Click on **Search**.
- Choose the movie or show that matches the one you trying to resolve from the results list.



• You should now see the correct video information.



• Select **Done** if you agree.

This will usually do the trick. However, if the movie or show is not in the online databases that Boxee uses for indexing your media(IMDB), then Boxee will not be able to recognize the media. In such a case, you will always be able to access those unrecognized videos through the **File Browser**.

If you find that Boxee just does not know what to do with your video file at this point, please submit **this online form** if you are having trouble with a movie or submit **this online form** if you are having trouble with a TV show.

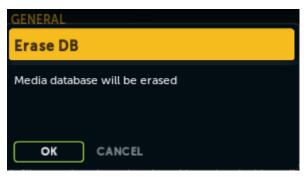
Reset/Erase your Database

To erase the media information from the Boxee library go to **Settings > System > Advanced** and select:

Clear media information from the library (media files will remain intact)



Select "OK" the erase the media database.



To erase the thumbnails from the Boxee library go to **Setting > System > Advanced** and select:

Clear thumbnails library (media files will remain intact)

Select "OK" the erase the thumbnails from the library.



Hide Adult content

Boxee allows the user to get digital entertainment from across the entire internet. But, Boxee also allows you to block adult content not suited for all viewers. To set Boxee to hide adult content two things need to be done. First is to check circle next to "Hide adult feeds and applications" by going to:

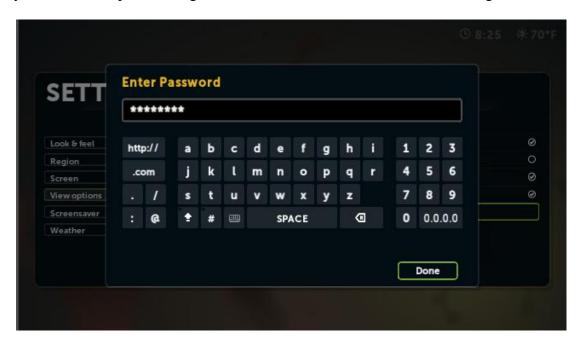
Setting > Parental Control > Hide adult feeds and applications



Then, to stop the unauthorized changing of the above action, select "Set adult content lock" by selecting:

Setting > Parental Control > Set adult content lock...

Enter a password of your choosing then select "Done" or hit enter. Boxee will ask you to enter the password again, so do that and select "Done or hit enter again.



Now, the only way to uncheck the "Hide adult feeds and applications" is to enter the correct password. A warning message will be displayed if the "Hide adult feeds and applications" circle is unchecked. Selecting "OK" will allow for the password to be entered, but if an incorrect password is entered the "Hide adult feeds and applications" circle will remain checked.



Setting up Services and users

Adding Your Account Services

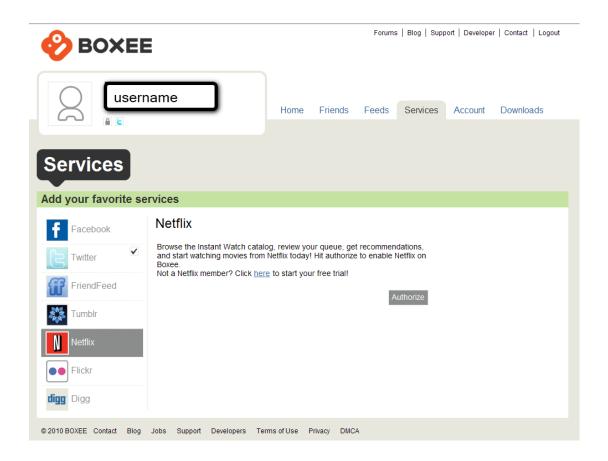
The Boxee App Library has services you get and use through Boxee. Boxee supports services from the following providers:



>> To access these services on Boxee, you'll need to pair your account first. <<

Here are the steps to follow to get a service to work in Boxee:

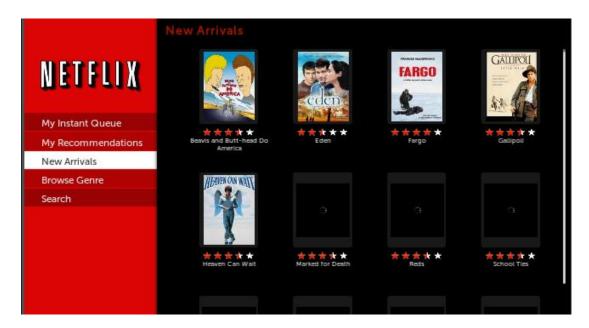
- 1. You must first sign up for the service you want at one of the supported services websites.
- 2. Once you have a username and password for the service, login to the Boxee website and go to the services section in your account settings.
- 3. Select the service you would like to add (NetFlix in this example), then click **Authorize.**



4. Enter the username and password for the chosen service.



- 5. Now go to the **Apps Library** in Boxee and select the App for the service you would like to add.
 - 6. On the next screen you can select **Start**, **Add To My Apps or Add Shortcut**.
 - 7. Selecting Start will take you to that service app.



Adding Facebook/Twitter/Google Buzz Feeds

In addition to pushing out your recommendations to social networks, you can now also pull in recommendations from your friends on Facebook, Twitter and Google Buzz. Shared videos appear automatically in your feed with an icon on the right to let you know where they came from.

To set up this new option in your services section for Facebook, Twitter and/or Google Buzz.

Once you have set the services up in your online account you can then go to **Setting > Personal** to toggle the services you selected on or off.





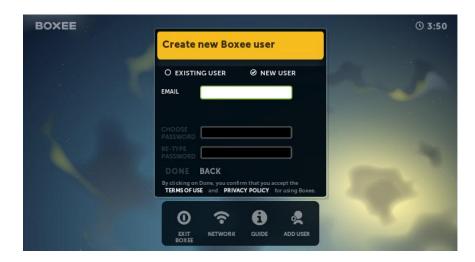
Adding / Removing a User

Adding a User

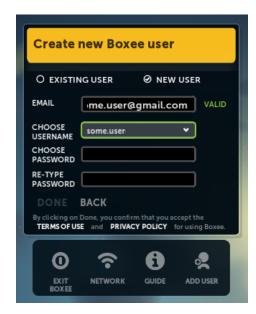
If you don't have a Boxee account when you first launch Boxee or would like to set up a new user account, you can do so from the login screen.

If you're already logged in to Boxee, and you want to create a new user, use the Boxee **Power** button and select **Change User** and then select **Add User**.

• Check New User



• Enter your email address and then choose a username:

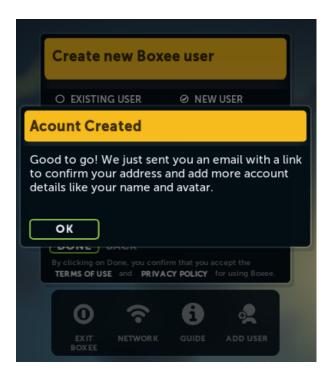




• Boxee will verify that your username is available and then prompt you to enter a password:



• Select **Done**. There will be a slight pause as Boxee creates the new user profile. When everything is ready, you should see:



• Select **OK** and you will automatically be logged into Boxee. Congratulations! You're ready to begin using Boxee!

Removing a User

You can remove a user only if you have entered more than one account in the Boxee application by doing the following:

- 1. Select the **Power** icon(top left corner) and choose **Change User**.
- 2. Choose the appropriate user you want to remove and select the **Settings Icon** next to their name.
- 3. Click the **Remove User** Button.

Using Boxee

General

Navigating in Boxee

Navigating in Boxee is simple and intuitive. You can use a mouse, a keyboard, a remote control or a combination that suits your needs.

Keyboard control

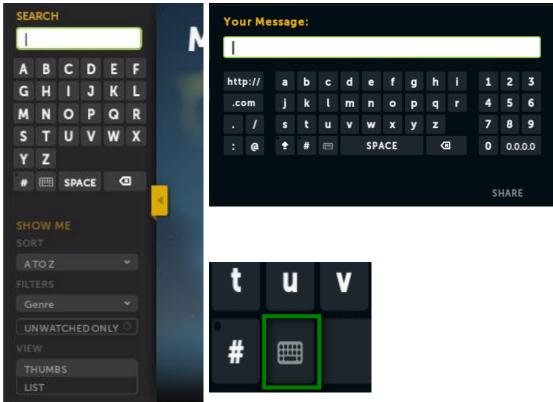
Navigation:

- Use the arrow keys to move the cursor
- Make a selection using the Enter key
- Use "\" OR "Ctrl+f" to toggle between full screen and windowed
- Use "Esc" or "Backspace" to go back to the previous screen
- Use "Home" to go to the top of a list
- Use "End" to go to the bottom of a list
- Use "s" to exit or suspend
- Use "h" to go to the Home Screen

Boxee presents a keyboard to the user whenever text data needs to be entered(such as search, share). When you see one of these displays, enter the required test and then hit enter with the lower right key (enter, done, share, etc)

Left side Menu Keyboard

Pop Up Keyboard



The 'keyboard' icon shown on the 'on screen keyboards' allows you to toggle through the 3 available keyboard languages that are set in **Settings > Appearance > Region**

During Playback:

- Volume control: +/- OR Up/Down arrow keys
- Show the OSD / make selections by pressing Select / Enter
- Play / Pause: Space bar
- Short skips: Left/Right arrow keys
- Long skips: "[" and "]" keys
- Use "," to go to the beginning
- Use "x" OR "." to stop playback and exit
- Hide the OSD by pressing ESC

Remote control

Navigation:

- Move the cursor using up, down right and left.
- Make a selection using Play, Pause, or OK.
- Go back to previous screen using BACK / MENU.

During Playback:

- Control volume level using +/- or the up and down arrows
- Show the OSD and make selections using Play, Pause, or OK.
- Skip using the Back and Forward buttons.
- Hide the OSD using BACK / MENU.

On Screen Display(OSD)

Boxee displays an On Screen Display(OSD) whenever you press select/enter while playing a video or song, or while viewing an image/photo. Below are a few examples of the typical displays that will be presented.

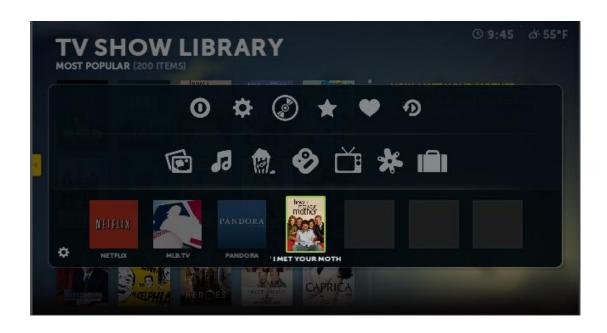
- View the OSD by pressing Enter
- Use the arrow keys to navigate through the playback controls
- Make selections on the OSD using Enter
- Hide the OSD by pressing ESC

For more information on remote controls go to:

• List of Boxee Remotes

Adding / Removing a Shortcut

You can add Apps, TV shows, media folders or even specific files as shortcuts for easy access on the **Global Menu**.



How to add a shortcut

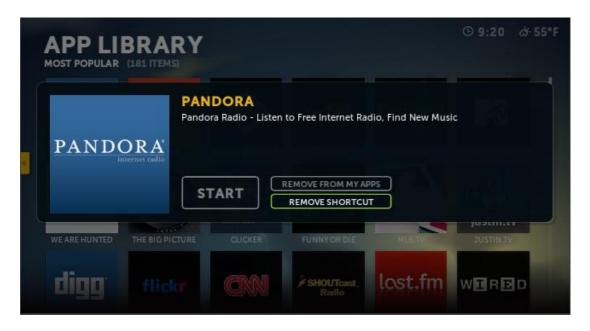
- 1. Browse to the appropriate file via the Movie, TV Show, or File icon or chose an app from the App Library.
 - 2. Select the Movie, TV Show, File or App and then choose Add Shortcut.



3. The shortcut will be added to the **Shortcuts Row** in the **Jump Menu** for easy access.

How to remove a shortcut

- 1. Open the application window and select the appropriate item.
- 2. Select the **Remove Shortcut** button.

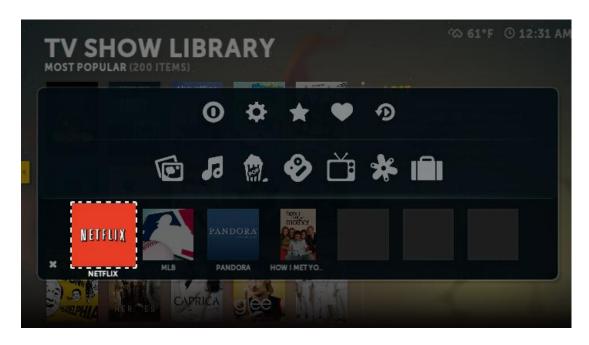


How do I manage shortcuts?

- 1. Open the **Jump Menu**
- 2. Select the cog/settings icon on the bottom left corner of the Shortcuts Row



3. A dashed border will appear around each shortcut icon as you move from left to right.



4. Select the shortcut and you will be given options to either **Move** or **Remove** it.

Removing Shows From History

Boxee keeps a history of all of the media that you have watch on your computer so you will be able to go back and replay it without having to track down where you found it in the first place. If you ever want to remove any or all of your history, Boxee makes it easy to do that as well. To delete any show from the history just follow these steps:

• Select *History* icon on the **Jump Menu**



• Select the show you would like to remove from your history



- Click the "Remove From History" icon
- Done... the file is no longer in your history file.

If you would like to **clear the entire history** from Boxee you can delete the **playbackhistory.dmp** file located in the Boxee userdata folder. The location of this folder depends on the platform in which Boxee is installed.

The generic location for this file is:

<platform>/userdata/profiles/<boxee-profile-name>/playbackhistory.dmp

For example on **Windows Vista / 7** the file is here:

c:\users\<*username*>\appdata\roaming\BOXEE\userdata\profiles\<*boxee-profile-name*>\playbackhistory.dmp

Search

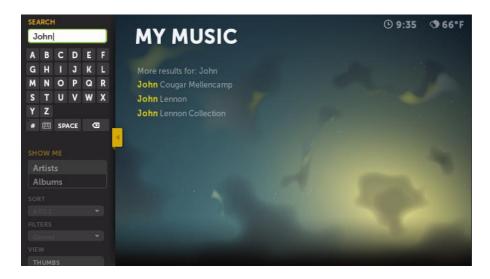
Searching for a TV Show, Movie, Music or App in Boxee is easy! Search is supported for Movies, TV Shows, Music and Apps and can be accessed from the left menu.

To search:

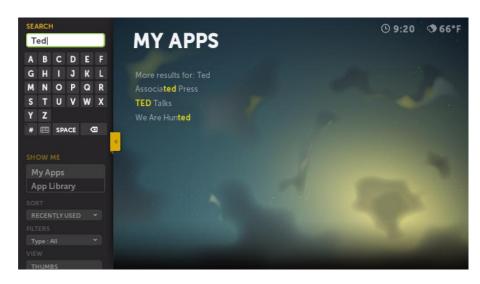
- First go to the screen in Boxee for the type of media you are looking for(TV Show, Movie, Music or App).
- Open the left slide menu and enter the search title or keywords you are looking for in the search box. Boxee will update the list on the right as you enter the search argument.
- Once you see the item you are looking for in the right side list, you can move the cursor over to the item and watch the show.

Boxee will search your local sources any TV Show, Movie, Music or Apps and also go out to the internet to search for online TV Shows and display the results.

Music Search (local only)



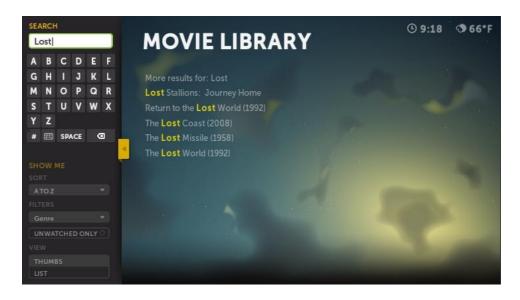
Apps Search (Boxee and installed repositories)



TV Show Search (local and online)



Movie Search (local and online)



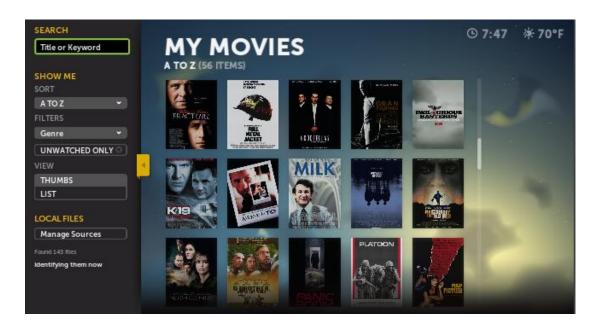
Movies and TV Shows

Viewing a Local Movie or TV Show

Once Boxee has imported and indexed your local media shares you can watch them in My Movies or My TV Shows.

Local Movies

1. From the Home Screen, click on Movies.



2. Select the movie from the right side of the screen.



- 3. Watch movie.
- 4. A Video will automatically be marked as watched after a you finish watching it. You can also mark videos as watched or unwatched manually when clicking on them.

Local TV Shows

1. From the Home Screen, click on **TV Shows**.



2. Using the left/slide menu and select **My TV Shows**.



3. Select the episode you would like to watch.



- 4. Watch movie.
- 4. A Video will automatically be marked as watched after a you finish watching it. You can also mark videos as watched or unwatched manually when clicking on them.

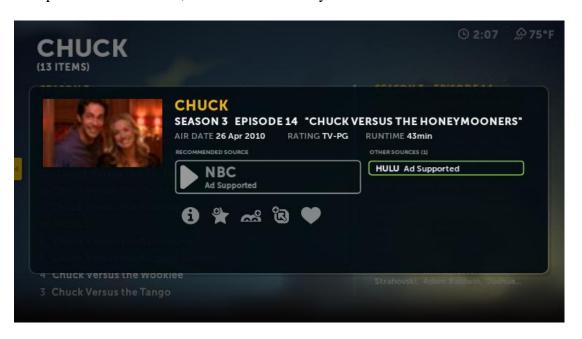
The TV Show Library

There are a number of ways to view online content from Boxee. The most popular method is to use the TV Show Library:

- 1. From the Home Screen, click on **TV Shows**.
- 2. Using the left/slide menu, select TV Show Library.

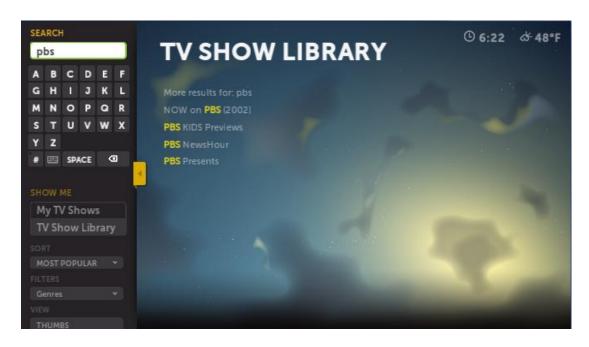


- 3. Select any TV show, for example *Chuck*. A list of available episodes will appear.
- 4. Select the episode and as needed, select which source you want to watch.



5. And Enjoy!

Don't see the TV show you want in the "top 200"? Try the search function also in the left/slide menu:



The Movie Library

Boxee now includes a "Movie Library" option in the sidebar that provides access to a huge global catalogue of streaming movies from:



- * To access MUBI on Boxee, you'll need to pair your account first. To add more credit to your account go to the <u>Mubi website</u>.
 - 1. From the Home Screen, click on **Movies**.
 - 2. Using the left/slide menu, select Movie Library.



- 3. Select any movie, for example *Home*.
- 4. Select the source(if more than one source is available) you would like to want to watch the movie from.



And Enjoy!

Don't see the movie you want in the "top 200"? Try the search function also in the left/slide menu:



Adding and Removing a TV Show to the Queue

Boxee can automatically add new episodes of your favorite TV shows to your Queue when they become available for online viewing.

- 1. From the Home Screen, select **TV Shows**.
- 2. Navigate to the TV show you want to add to your Queue, either from the **My TV Shows** screen or from the **TV Show Library** screen.
- 3. Use the left/slide menu and select **Add to my shows (queue new episodes)**.



Note: Nothing will be added to the queue for this show until the next new episode becomes available online, e.g. episode #15 in this example.

4. *Chuck* will also now show up in the **My TV Shows** screen.

To remove a TV show from your Queue, simply navigate to the TV show again, use the left/slide menu and select **Remove from my shows**.

Removing an Individual Item from the Queue

If there is ever an item in your Queue that you want removed, simply select that item from your Queue and select **Remove from Queue**.



Music

Listening to Local Music

Boxee can play many common **digital music formats** with options like track mix, repeat all tracks, repeat 1 track and visualization. To change the settings in Boxee go to **Settings > Media > Music** from the Boxee **Home Screen**.

It is important to note that for Boxee to find your local and network music you must set Boxee to access the appropriate shares and allow some time for Boxee to do the file scanning and identification process after adding the share the first time.

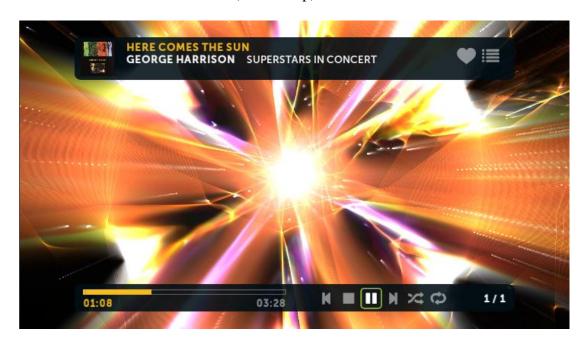
You can reach the **My Music** screen from the **Home Screen** or **Global Menu** by selecting the **Music** icon.



Select the Album or Artist you would like to play then select a song from the list to start playing the song. You can move through the songs with the right and left arrow keys on the remote or keyboard.



To activate the on screen display controls (shown below) press select/enter the use the right an left arrow keys to navigate the OSD using enter to select the action. You can see the effects of the visualization(Mike Drop) below.





Photos

Viewing Local Photos

Boxee can display all common digital picture / image formats with options like slide show with the "Ken Burns Effect" and the ability to zoom / pan on an image. To change the settings in Boxee go to **Settings > Media > Photos** from the Boxee **Home Screen**. To change the slideshow to show photos in a random order check mark **Settings > Look & Feel > Screensaver > Randomize**.

It is important to note that for Boxee to find your local and network photos you must set Boxee to access the appropriate shares and allow some time for Boxee to do the file scanning and identification process after adding the share the first time.

You can reach the **My Photos** screen from the **Home Screen** or **Global Menu** by selecting the **Photos** icon.



Select the source folder you would like to access then select a photo from the right side of the screen to start viewing the photos/images. You can move through the images with the right and left arrow keys on the remote or keyboard. To activate the on screen display controls (shown below) press select/enter the use the right an left arrow keys to navigate the OSD using enter to select the action.



The OSD shown below allows you to control the pan and zoom functions on a particular image.



Apps

The full list of Boxee apps can be found in 3rd party app repositories.

Adding and Removing Apps from My Apps

By default, the **My Apps** screen is populated with some of the more interesting and popular Boxee Apps. However, there are many more Apps available in the **App Library**:

1. From the My Apps screen, use the left/slide menu and select App Library



- 2. From here you can peruse the large list of additional applications available in Boxee for accessing various kinds of online content. You'll also notice that some of these Apps (like YouTube) are already present on the My Apps screen. You can think of the **App Library** as the default master list of Apps that Boxee makes available and the My Apps screen as your set of favorite Apps.
- 3. On the left/slide menu you have a number of options for **sorting** and **filtering** as well





Filtering options



• You can even use **list** mode instead of **thumbs**:



Once you have found an App (or several Apps) of interest, you can do any of the following:

- 1. Launch the App (take it for a test run, so to speak) by selecting **Start**
- 2. Select **Add to My Apps** so that the App will show up in the My Apps screen every time
- 3. Select **Shortcut** to add the App to your Shortcuts (more on Shortcuts)



Note: Once an App has been added to the My Apps screen, the option **Remove From My Apps** is displayed instead of **Add to My Apps**.

Adding a Third-party Repository

Although Boxee has many Apps to start, believe it or not, there are even more Boxee applications available to chose from. Third-party developers (those not on the Boxee team) can also create and share Boxee applications with Boxee users. They do this by creating a Boxee Repository, a place where they publicly store their Boxee application and from where you can access it via Boxee.

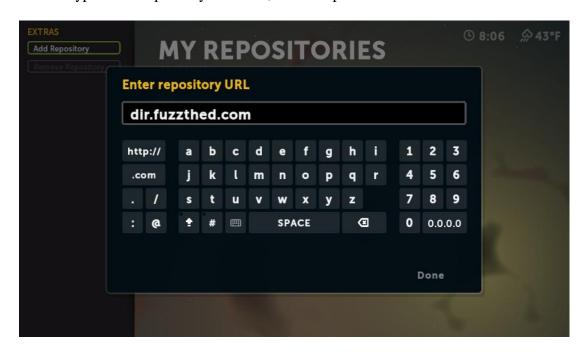
First, <u>find a Repository</u> with Boxee Apps that you want to add to Boxee. One site with a list of a lot of repositories is <u>http://fuzzthed.com/repository.php</u> Once you have found a repository with one or more applications you would like to use, then:

Make a note of the repository URL, for example, dir.fuzzthed.com

- From the My Apps or Apps Library screen open the left/slide menu.
- Select **Repositories**.
- Click on **Add Repository** from the left menu:



• Type in the repository's address, for example: dir.fuzzthed.com



- Select **Done**. If the repository was successfully added to Boxee, the name of the repository will be listed in the **My Repositories** screen.
- Click on the repository to view the new applications and then select any of the available applications to:
- Launch the App (take it for a test run, so to speak) by selecting **Start**
- Select **Add to My Apps** so that the App will show up in the My Apps screen every time
- Select **Shortcut** to add the App to your Shortcuts (more on Shortcuts below)

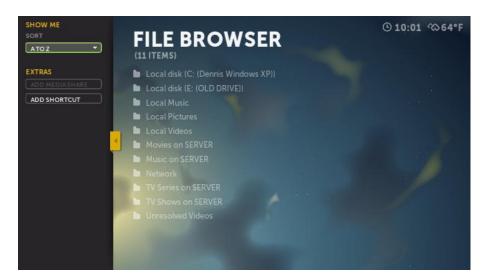
You can add as many repositories as you can find -- the possibilities are nearly endless!

Files

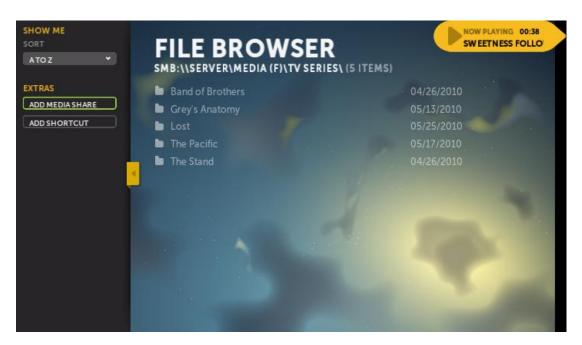
Using the File Browser

Boxee has a **File Browser** that allows you to browse through and select any media on your network that has been shared. You can play/view the media, add a selected source as a Boxee Mediashare or go to the Unresolved Videos folder and work through resolving them.

You can reach the **File Browser** screen from the **Home Screen** or **Global Menu** by selecting the **Files** icon.



To add a Mediashare with the File Browser, browse through all of your media shares until you find the file, folder or drive you would like to add. Select it and then using the left side menu select **Add Mediashare**. You can also set a shortcut to a media source.



Settings

Settings > Local Sources



Here is where you **Add Sources** for media and resolve any Unidentified Files.

This screen also informs you of the status of the file scanning progress, files found and number of unidentified files.



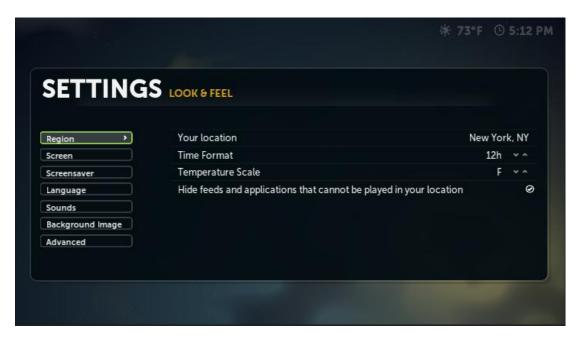
Settings > Look & Feel



The settings under *Look & Feel* are a group of settings in Boxee that control how Boxee presents itself to you.

Region »

- Your Location
- Time Format
- Temperature Scale
- Hide feeds and applications that cannot be played in your location



- Your location New York, NY(default)
- Time Format **12h(default)**, 24h
- Temperature Scale **F**(**default**), C
- Hide feeds and application that cannot be played in your location **checked(default)**

Screen »

- Resolution
- Test & apply resolution
- Screen format & overscan...
- Test patterns...



Resolution

- Full Screen (**default**)
- Windowed

Test & apply resolution

• To test an apply the resolution settings.

Screen format & overscan...

- Overscan
- o None (**default**), 3%, 4%, 5%, 6%
- Aspect Ratio
- o 4:3(1.33), 16:9(1.78) (**default**), 16:10(1.6), 21:9(2.35)
- Advanced Calibration
- Allows the user to set the boundaries on the TV screen that Boxee will use.
 The user can select the top left, the bottom right and placement of subtitles.
 Change these setting if Boxee menus are off the screen or if Boxee is not using the full screen.
- Retore Defaults
- o Restore to "factory" defaults.

<u>Screensaver</u> »

- Screensaver mode
- Screensaver preview
- Screensaver idle timeout
- Enable power saving when idle
- Screensaver fade level
- Slideshow folder
- Randomize



- Screensaver mode Slidshow(default), Black, Dim, Off
- Screensaver preview use to preview the screensaver currently set
- Screensaver mode idle timeout **5 mins(default)**, set time delay in minutes(1-60) before the screensaver starts
- Enable power saving when idle- **Off(default)**, set power saving mode off or in increments of 5 minutes up to 240
- Screensaver fade level 20%(default), set amount of fade (0-80%) when screensaver mode is set to dim
- Slidshow folder ~\Boxee\media\boxee_screen_saver(default), set ot desired slideshow folder
- Randomize unchecked(default)

Language »

- Language
- Charset
- Additional Keyboard 1
- Additional Keyboard 2
- Additional Keyboard 3



Sounds »

Navigation sounds



Background Image »

- Set background image
- Set background images folder
- Reset background image



Advanced »

- Vertical blank sync
- Show hidden files and directories



Advanced

- Vertical blank sync **Always enabled (default)**, Enable during video playback, Disabled, Let driver choose(requires restart)
- Show hidden files and directories unchecked(default)

Settings > Media



Here is where you set the Boxee configurations pertaining to Media.



Video

- Subtitles font **boxee.ttf(default)**
 - o Size **30(default)**, range 16-74
 - o Style Bold(default), normal, bold italics, italics
 - o Color White(default), yellow, cyan, yellow green, bright green, blue
- Subtitles charset **Default(default)**

Default	Western Europe (Windows)	Western Europe (ISO)	Vietnamese (Windows)	Turkish (Windows)
Turkish (ISO)	Thai (Windows)	South Europe (ISO)	Korean	Japanese (Shift-JIS)
Hong Kong (Big5- HKSCS)	Hebrew (Windows)	Hebrew (ISO)	Greek (Windows)	Greek (ISO)
Cyrillic (Windows)	Cyrillic (ISO)	Chinese Traditional (Big5)	Chinese Simplified (G8K)	Central Europe (Windows)
Central Europe (ISO)	Baltic (Windows)	Baltic (ISO)	Arabic (Windows)	Arabic (ISO)

Additional keyboard 1,2,3

• Pause video when exiting playback screen - **not checked(default)**



Music

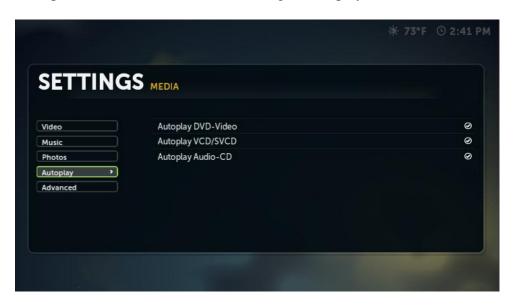
- Visualization MilkDrop(default), Spectrum_win32dx, Waveform, None
- Auto play next item checked(default)



Photos

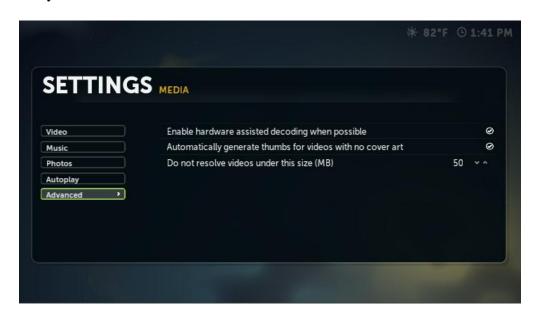
- Show each image for 5 secs(default) range 1-100secs
- The amount of time in seconds the image is displayed
 - Transition time **2500ms(default)** range 100-10000ms
- The amount of time in milliseconds of the fading transition between displayed images
 - Use pan and zoom effects checked(default)

- Use pan and zoom effects when the images is displayed



Autoplay

- Autoplay DVD-Video checked(default)
- Play a DVD when inserted into the drive
 - Autoplay VCD/SVCD checked(default)
- Play a VCD/SVCD when inserted into the drive
 - Autoplay Audio CD checked(default)
- Play a CD when inserted into the drive



Advanced

- Enable hardware assisted decoding when possible **checked(default)**
- Automatically generate thumbs for videos with no cover art checked (default)
- Do not resolve videos under this size (MB) **50(default)**

Settings > System



This is where all things related to the Boxee "System" are set.



Version

- Version the version of Boxee installed
- Build Date the build date of the Boxee software
- IP Address the IP address of the computer Boxee is installed
- MAC Address the MAC address of the computer Boxee is installed
- Total Memory the total system memory on the computer Boxee is installed
- Screen resolution the CURRENT resolution of the Boxee screen



Audio hardware

- Audio output Analog(default), Digital
- DTS Capable receiver checked(default)
- Dolby Digital(AC3) capable receiver **checked(default)**
 - Audio outout device Primary Sound Driver(default), 'other' Audio Output
 - Downmix multichannel audio to stereo checked(default)

Settings > Network

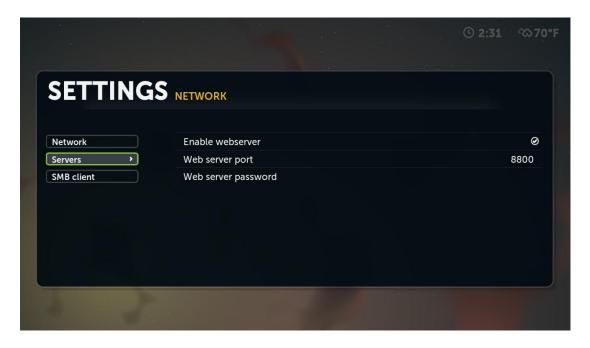


This is where all things relating to the Boxee network settings are configured.



Network

- Enable HTTP proxy unchecked(default)
- HTTP proxy host blank(default)
- HTTP proxy port **8080(default)**
- HTTP proxy username blank(default)
- HTTP proxy pasword blank(default)



Servers -Please make sure this option is enabled if you are using the Boxee Remote for the Iphone/ipod

- Enable webserver **checked(default)**
- Web server port **8080(default)**
- Web server Password blank(default)



SMB client

- Default username blank(default)
- Default password blank(default)



Navigation

• Enable mouse - **checked(default)**



Advanced

- Clear media information from library (media files will remain intact)
- Clear thumbnails library (media files will remain intact)
- Debug Level INFO(default),
- Show Debug Info Line unchecked(default)
- Start BOXEE on login unchecked(default)

Settings > Personal



Follow what your friends are sharing with you from Facebook, Twitter and Google Buzz. You can control what is being put into the **Feed** section on your **Home Screen** from these sources by using these settings.

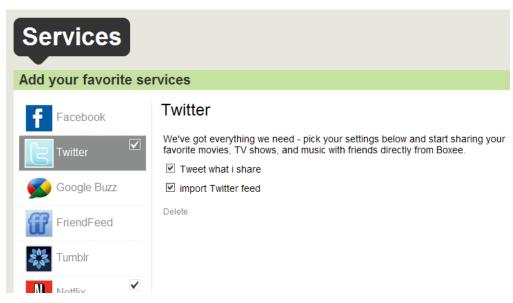


Feeds

Toggle which services you'd like to include in you video feeds.

- Facebook unchecked(default)
- Twitter unchecked(default)
- Google Buzz unchecked(default)

NOTE: You must first activate your Facebook, Twitter and/or Google Buzz before these can be set.



Settings > Parental Control



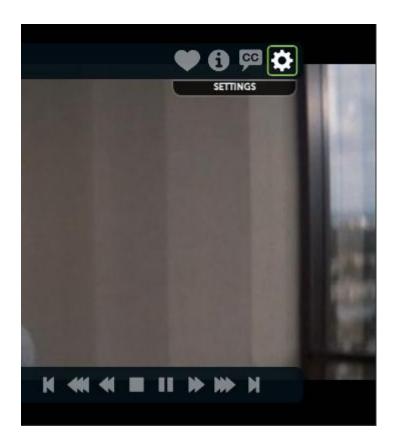
Adults

- Hide adult feeds an applications checked(default)
- Set adult lock... Allows you to set a password for adult content.

OSD > **Settings** > **Video**

While you are watching a video, there are video settings that can be adjusted.

- To adjust settings while watching video, click/select the 'gear' icon in the upper right corner of the screen.
- After selecting **Settings**, a group of settings will appear in the upper left corner of the screen.
- To adjust the video settings select **Video**

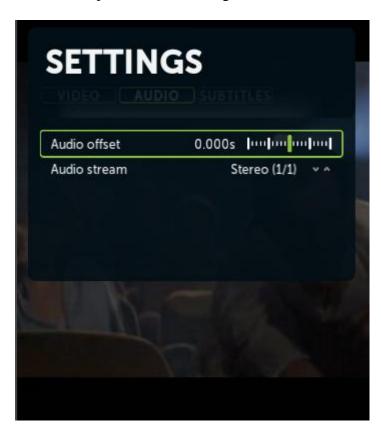


- A new drop-down will appear with the settings that are available for video adjustment
- Standard drop down
 - View Mode Normal(default), Custom, Original Size, Stretch 16:9,
 Stretch 14:9, Stretch 4:3, Zoom
 - Screen format & overscan... Will allow to format the screen and adjust the overscan amount.
 - o Show Advanced Drops down Advanced video adjustment selections.
- Advanced drop down
 - Zoom amount 1.0(default) The amount of zoom applied to the video.
 - Pixel ratio - **1.0(default) -** The amount of adjustment to the screen geometry.
 - Interlaced handling None(default), Inverse Telecine, De-interlace, Bob, Bob(inverted), Weave, Weave(inverted), Blen, Auto Select
 - Hide Advanced Removes Advance video adjustment selections from the drop down.

OSD > **Settings** > **Audio**

While you are watching a video, there are video settings that can be adjusted.

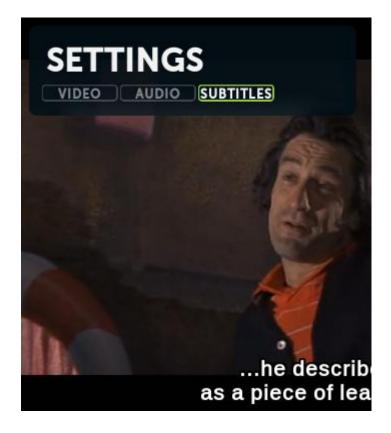
- To adjust settings while watching video, click/select the 'gear' icon in the upper right corner of the screen.
- After selecting **Settings**, a group of settings will appear in the upper left corner of the screen.
- To adjust the video settings select Audio



OSD > **Settings** > **Subtitles**

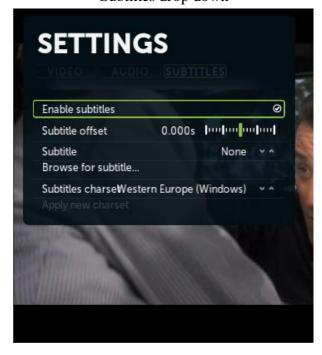
While you are watching a video, there are subtitle settings that can be adjusted.

- To adjust settings while watching video, click/select the 'gear' icon in the upper right corner of the screen.
- After selecting **Settings**, a group of settings will appear in the upper left corner of the screen.
- To adjust the video settings select **Subtitle**



- A new drop-down will appear with the settings that are available for subtitles settings
- In the drop down you will find:
 - Enable subtitles Checked(default) Toggle check box to enable or disable subtitles.
 - Subtitles offset **0.0(default)** The amount of time in seconds the subtitles is offset from the audio.
 - Subtitle Select the subtitle you would like to display
 - o Browse for subtitle browse and load downloaded subtitles
 - Subtitle charset -Select the subtitle character set

Subtitles drop down



Boxee Useful Links

Boxee Site

Knowledge Base

3rd Party Apps

App Submission

Video Tutorials



