

Welcome to



**Streaming 101**

To watch Creative streams on Twitch,  
**[CLICK HERE](#)**

This guide is indended for Windows users.  
For a Mac version, please **[click here](#)**.

# Navigation

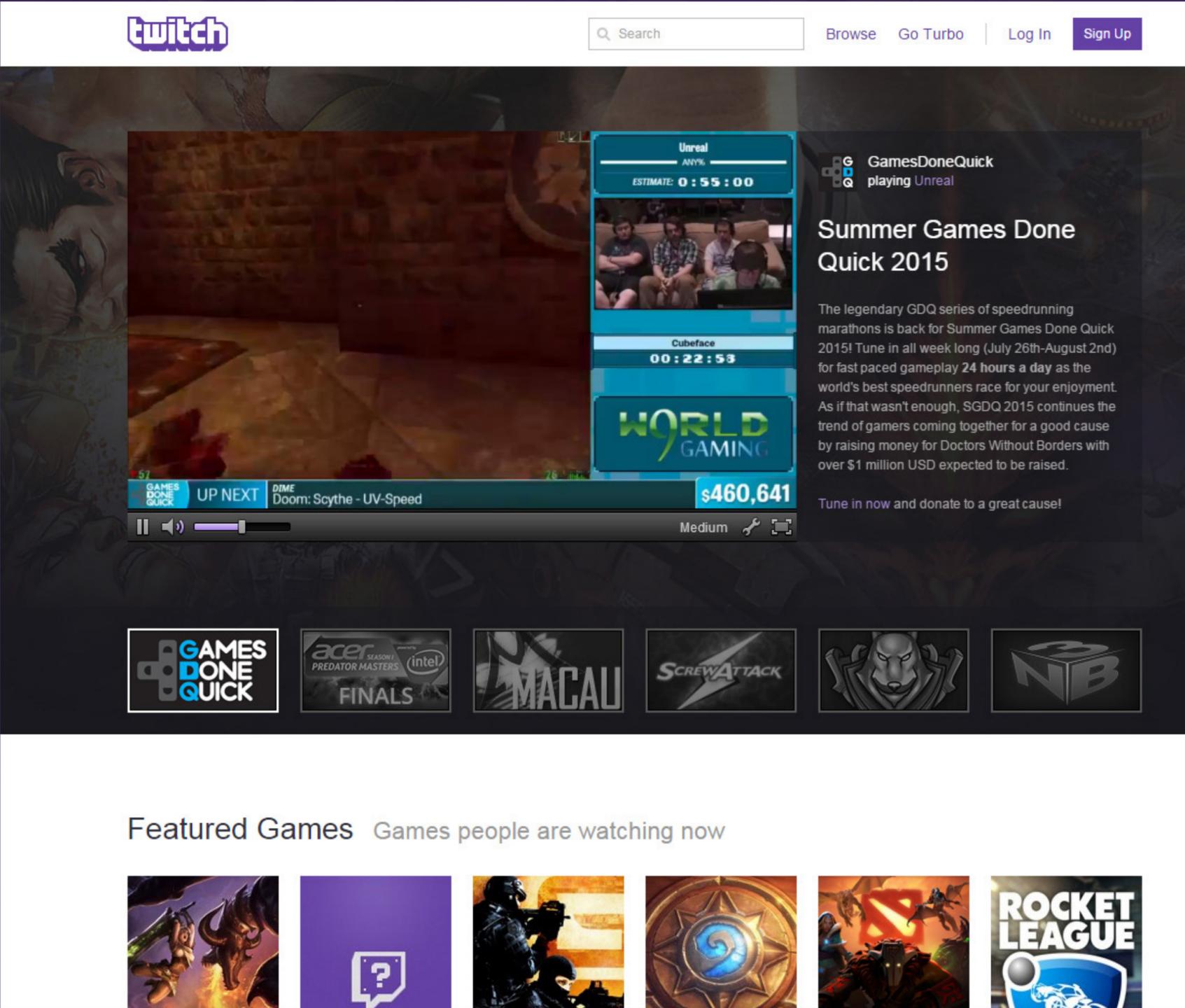
Click on Glitch to  
return to this page



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# Creating a Twitch Account



Visit [www.twitch.tv](http://www.twitch.tv)  
Click **Sign Up** to create an account

[Connect with Facebook](#)

[Log In](#) [Sign Up](#)

Username

Password

Birthday  
Month  Day  Year

Email

By clicking Sign Up, you are indicating that you have read and agree to the [Terms of Service](#) and [Privacy Policy](#)

[Sign Up](#)

# Twitch Profile



The screenshot shows the Twitch Settings page for a user named 'EleineTV'. The 'Profile' tab is selected. Under 'Profile Settings', the 'Display Name' is 'EleineTV' with a note to 'Customize capitalization for your username.' The 'Email' is 'eleine@justin.tv'. The 'Profile Picture' section shows a current profile picture and a 'Choose File' button with the text 'No file chosen' and a note 'Max 3mb GIF, JPG or PNG.' The 'Bio' section contains the text 'Random shenanigans!' and a note 'Who you are in fewer than 300 characters.' At the bottom, there is a section titled 'DISABLE YOUR TWITCH ACCOUNT' with a link to 'Disabling your account' and a note: 'If you want to disable your Twitch account, you can do so from the [Disable Account](#) page.'

Visit [www.twitch.tv/settings](https://www.twitch.tv/settings)

## In Profile:

Customize your username capitalization by updating **Display Name**

Update your **Profile Picture** with a square image of less than 3mb in size

## In Channels & Videos:

Add a **Video Player Banner** (image displayed on your channel when you are offline) with a 16:9 image of at least 1280x720 resolution

Check **Mature Content** if appropriate

Check **Archive Broadcasts**: all streams will be automatically archived for 1 week

Play around with other settings as you see fit!

# Twitch Broadcast Dashboard



Visit [www.twitch.tv/dashboard](https://www.twitch.tv/dashboard)

Broadcast Dashboard and Settings pages are accessible via either the side bar menu on each page, or the drop down menu when clicking your username at the top of a page.

The **Live Dashboard** allows you to control the Twitch aspects of your broadcast, including:

- Broadcast Title

- “Game” played (set this to Creative)

- Chat with your viewers

Click the **Stream Key** link to access your unique Stream Key. Save this value for your stream set up process. Do NOT show this to others, as it will allow them to broadcast to your channel!

# Open Broadcaster Software (OBS)



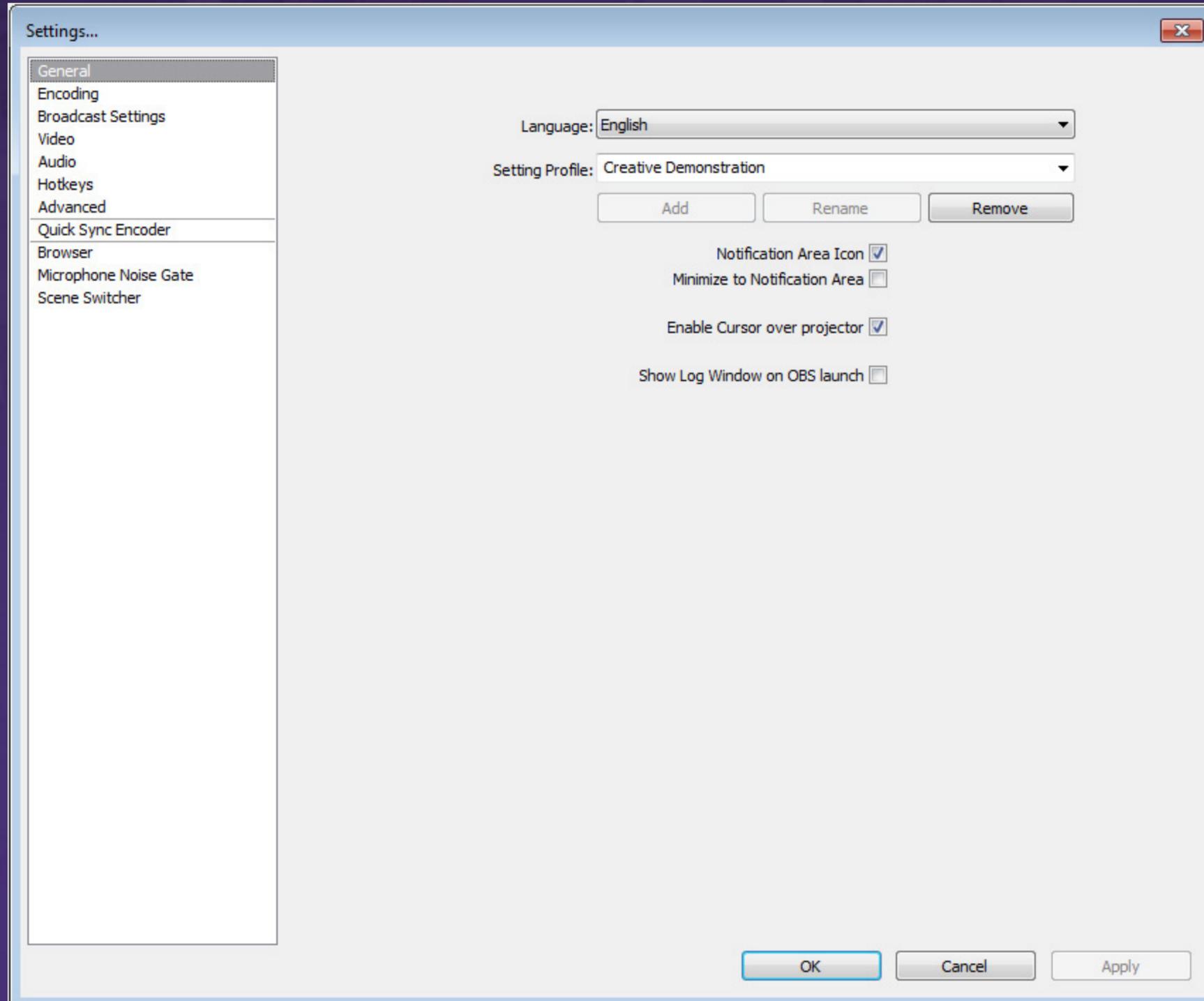
The screenshot shows the Open Broadcaster Software website. At the top, there is a navigation bar with links for Home, Download, Forum, and Help. Below this, there are two main sections: "Get OBS 0.653 Beta" and "Get OBS MultiPlatform". The "Get OBS 0.653 Beta" section includes a green button for "Windows 7/8/10" and a link to "View Changelog". The "Get OBS MultiPlatform" section includes green buttons for "Windows 7/8/10", "OSX 10.8+", and "Linux", along with a link to "View Changelog". Below these sections, there are four columns of text: "What is OBS?", "What is OBS MultiPlatform?", "How much does it cost?", and "Plugins". The "What is OBS?" section lists features like encoding using H.264 and AAC, support for Intel Quick Sync Video and NVENC, and live RTMP streaming to various platforms. The "What is OBS MultiPlatform?" section explains that it is a complete rewrite of the original OBS, designed for multiplatform support and a more thorough feature set. The "How much does it cost?" section states that OBS is completely free and open source. The "Plugins" section lists popular plugins like "Simple scene switcher", "Video source", and "Browser source".

The screenshot shows the initial OBS software interface. The window title is "Profile: Creative Demonstration - Scenes: Creative Demonstration - Open Broadcaster Software v0.653b". The interface is mostly blank, with a central message that says "Not streaming" and "Click 'Start Streaming', 'Start Recording', or 'Preview Stream' to begin". At the bottom, there are several panels: "Scenes" (containing one scene named "Scene"), "Sources" (empty), and a control panel with buttons for "Settings...", "Edit Scene", "Global Sources...", "Plugins", "Start Streaming", "Start Recording", "Preview Stream", and "Exit". There are also volume and microphone level indicators.

Visit <https://obsproject.com/> to download Open Broadcaster Software for your platform

Initial OBS screen. Click **Profiles** and create a new streaming profile. Click **Scene Collection** and create a new scene collection.

# General



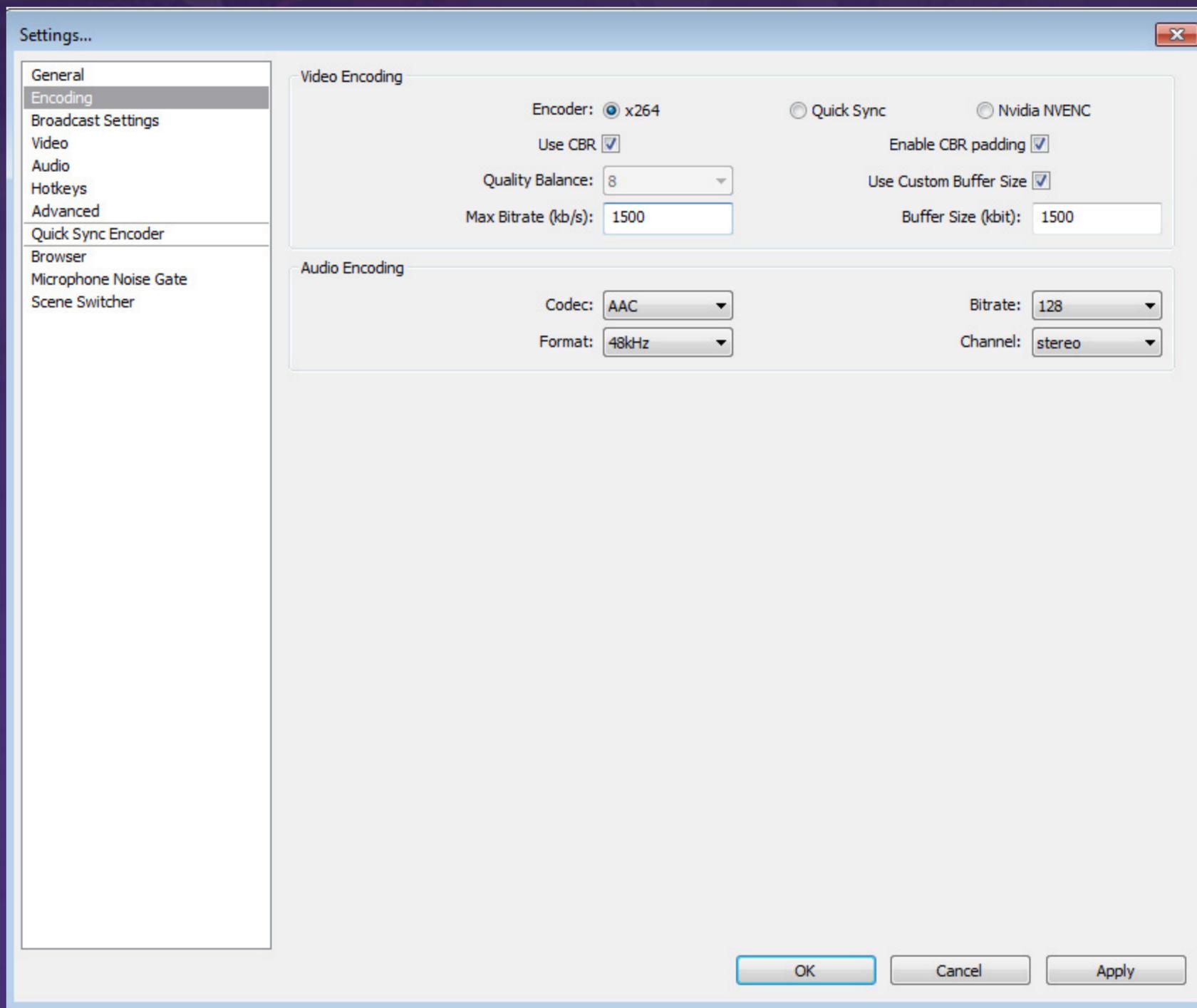
Click **Settings** to begin configuring stream settings.

Select OBS's **Language**.

Edit your **Setting Profile**/Configuration Name

Edit configurations for notifications and other settings

# Video Encoding



Select **x264** Encoder

Check **Use CBR**

Check **Enable CBR padding**

Set **Max Bitrate** to a value **between 1000 and 2500**

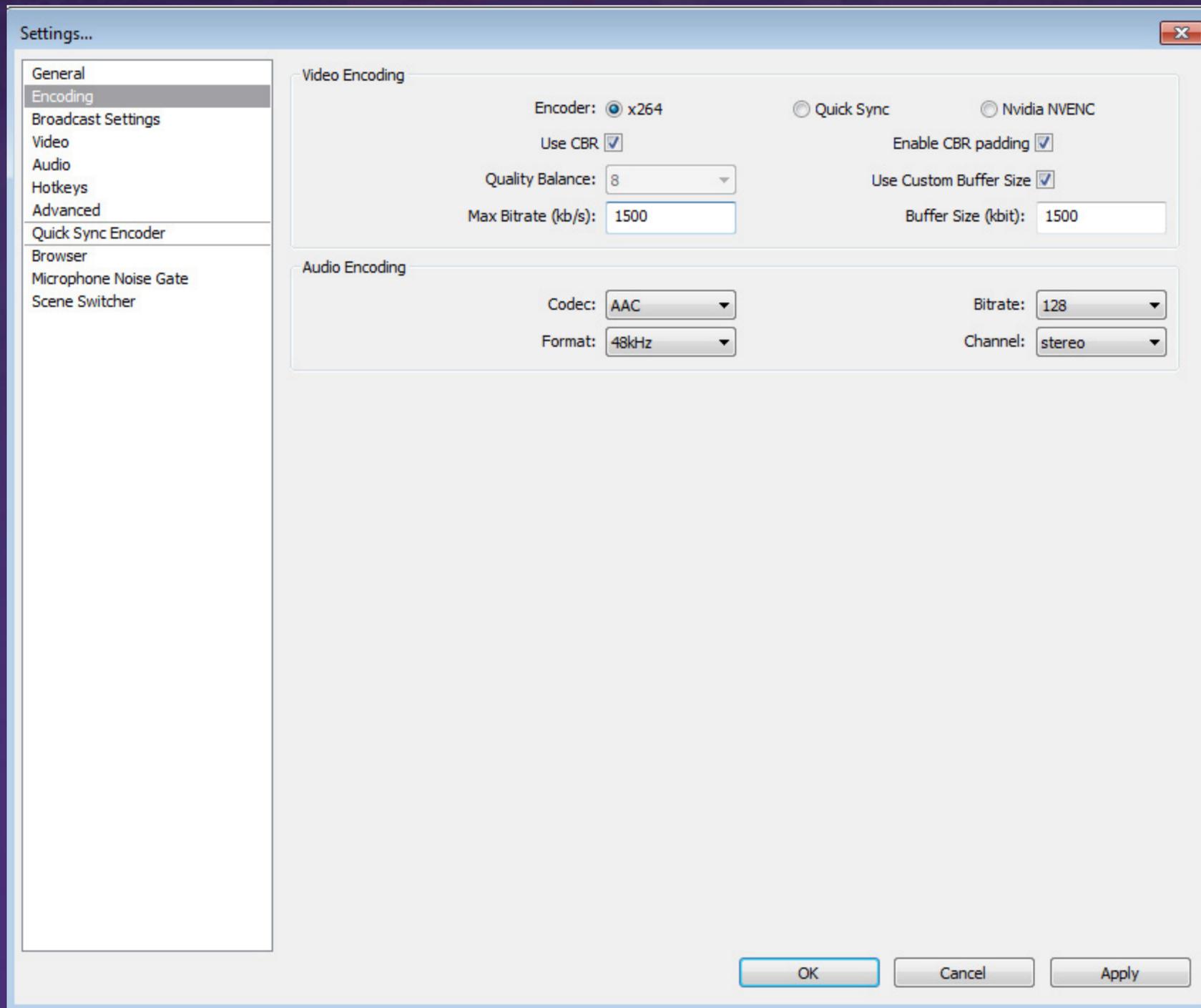
The higher the bitrate, the higher the quality of the stream. However, the majority of viewers can only process up to 2000 bitrate without buffering.

Upload rate is also affected by your internet upload bandwidth. The higher it is, the higher you can push bitrate. Since artwork requires lower framerate than gaming, lower bitrates can still provide high resolution quality.

I recommend setting bitrate to 1500 and adjusting it if you lag, or if you don't think the stream has sufficient quality.

**Buffer Size** should be set to the same value as **Max Bitrate**.

# Audio Encoding



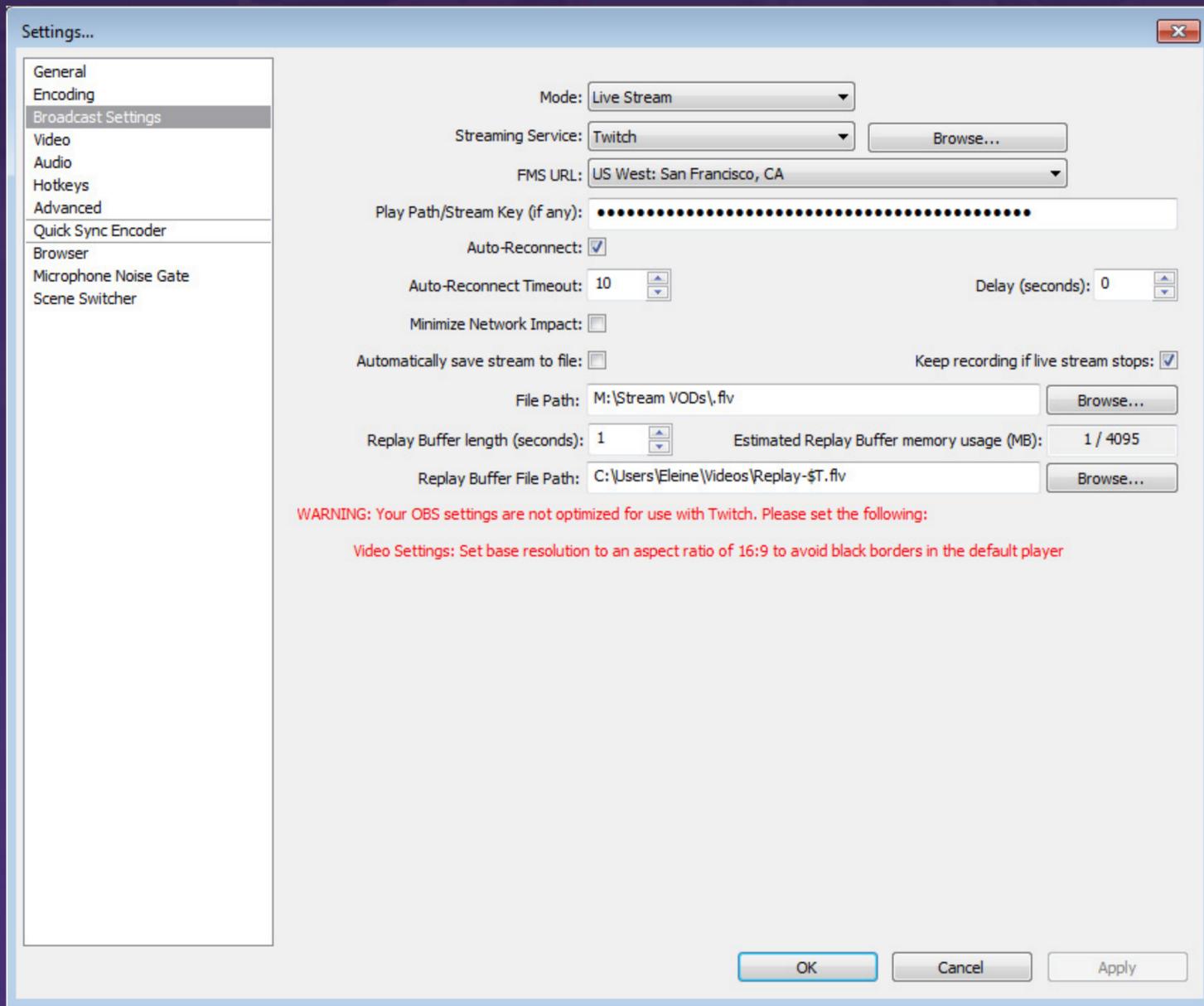
Codec should be set to **AAC**

**Bitrate** should be set to **64-128**, depending on your connection speed and desired quality of sound.

Click **Apply** when you are done.



# Broadcast Settings



Mode: Live Stream

Streaming Service: Twitch

FMS URL: Server geographically closest to you

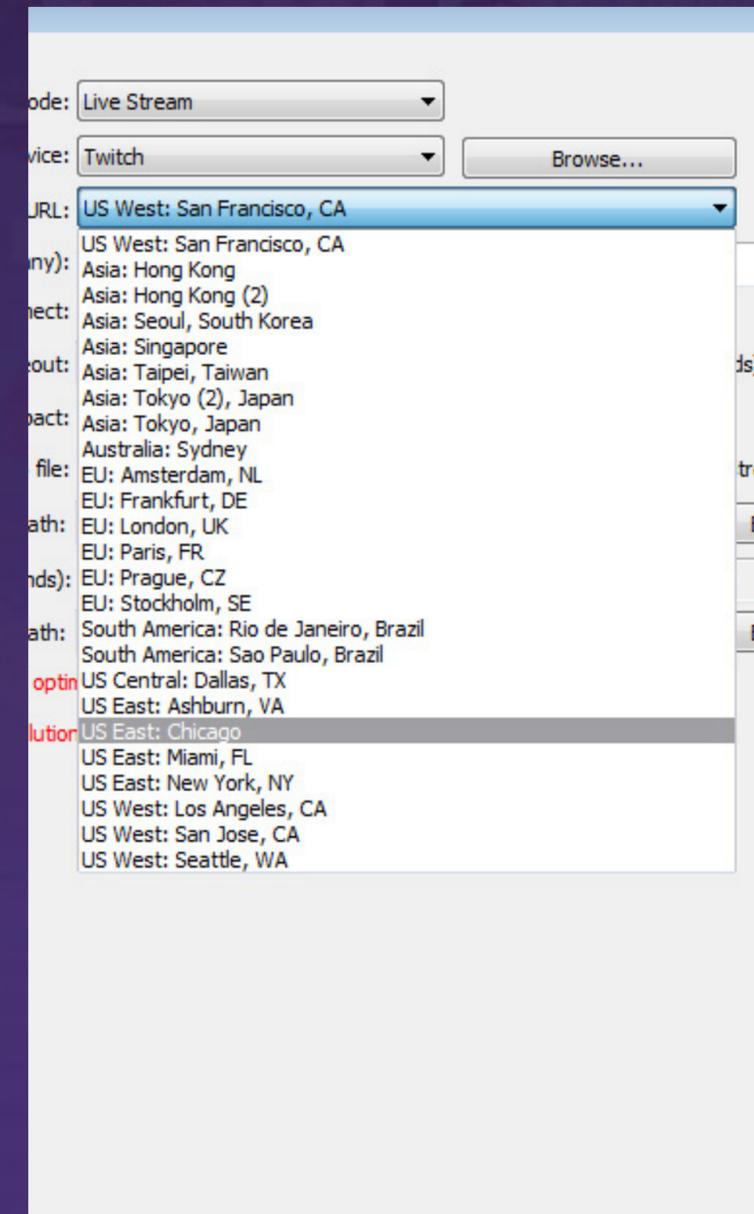
Play Path/Stream Key: Copy your stream key from the **Stream Key** tab of your <http://www.twitch.tv/dashboard>

Check Autoreconnect

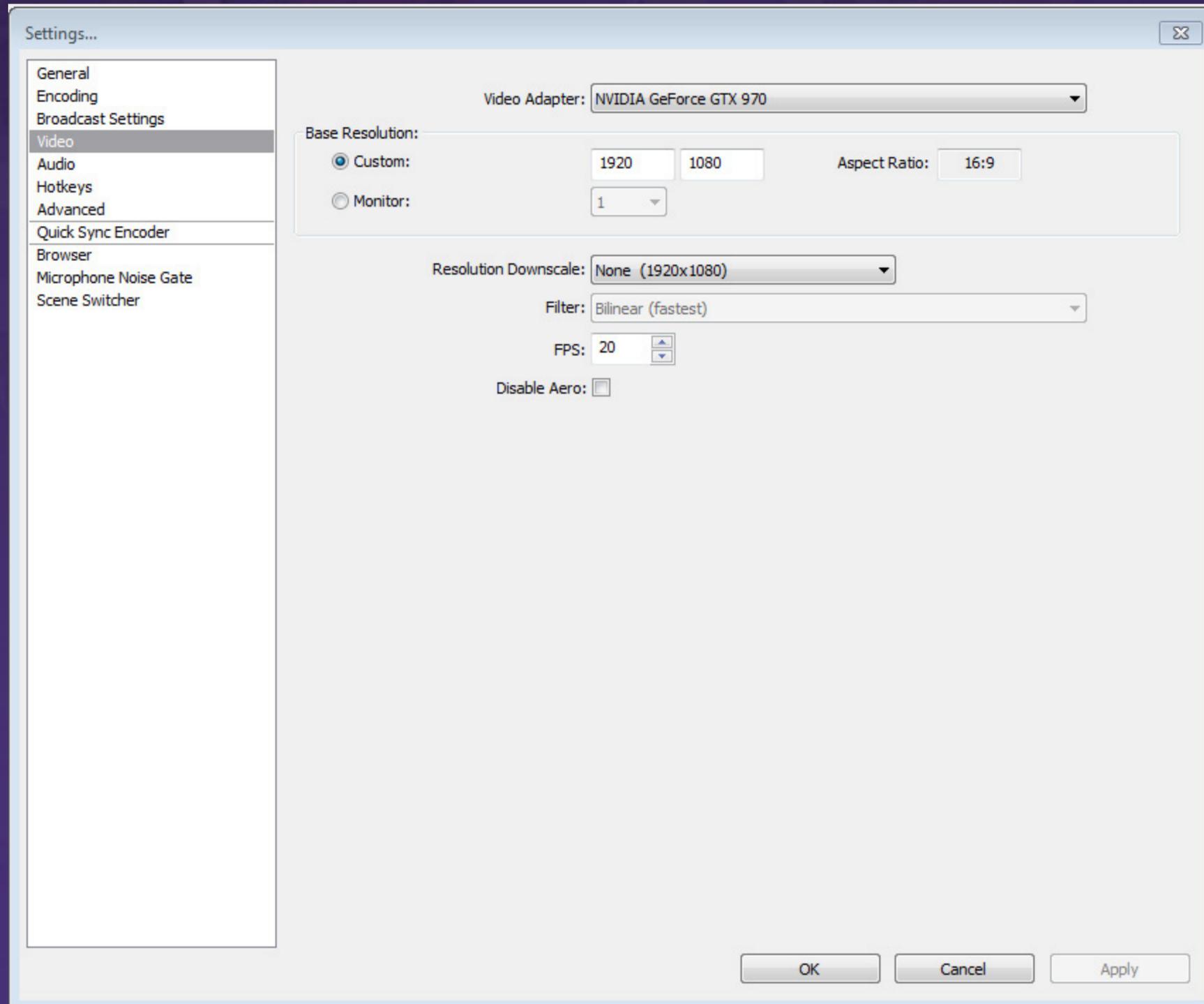
Automatically Save Stream to File:

We recommend saving your VODs locally if you want to guarantee they are saved. This will ensure you always have access to your VODs, as we do not permanently store them.

File Path: Location for VOD saves.



# Video Settings



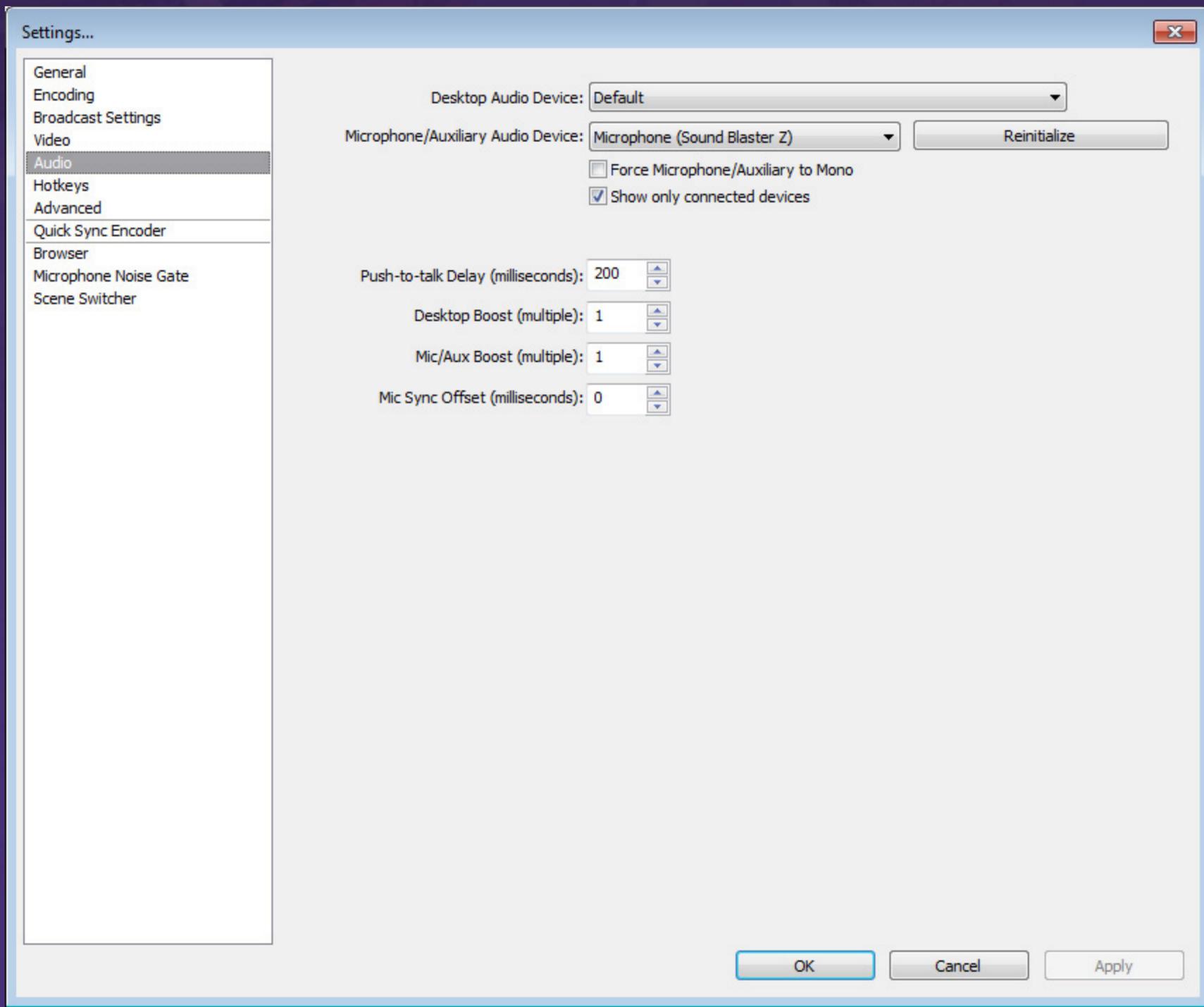
**Video Adapter** should be set by default. If you have more than one, select the adapter you are primarily using.

**Base resolution** typically is your monitor's resolution. It's recommended you use a 16:9 resolution even if your monitor is not, however.

**FPS** is recommended to be 20. Art streams require lower FPS, so it can be sacrificed for higher resolution quality. Adjust this value to be lower or higher at your preference, but do not set above 30.

**Aero** is not recommended to be disabled.

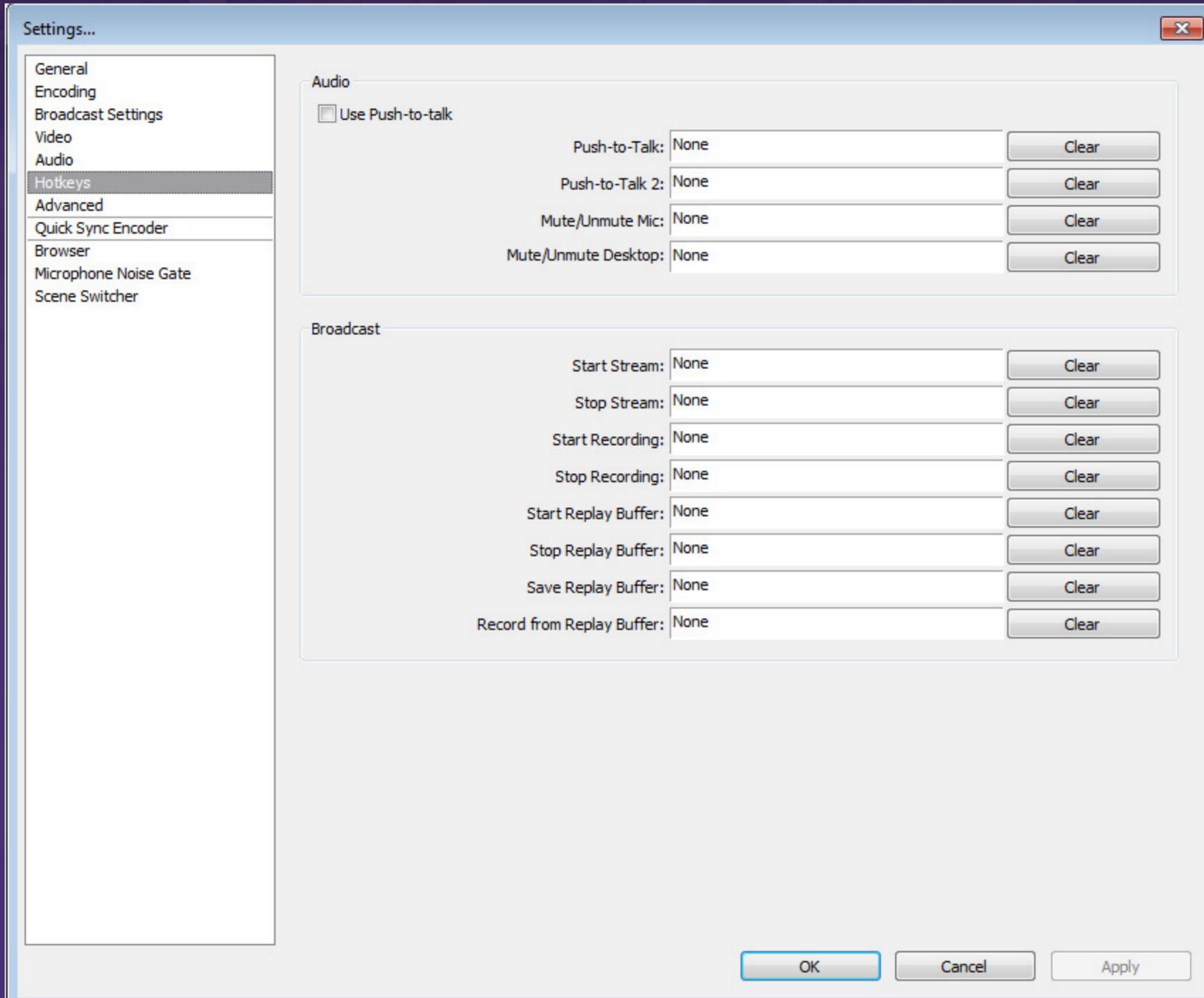
# Audio Settings



**Desktop Audio Device:** Recommend to set to default so the stream hears what you hear.

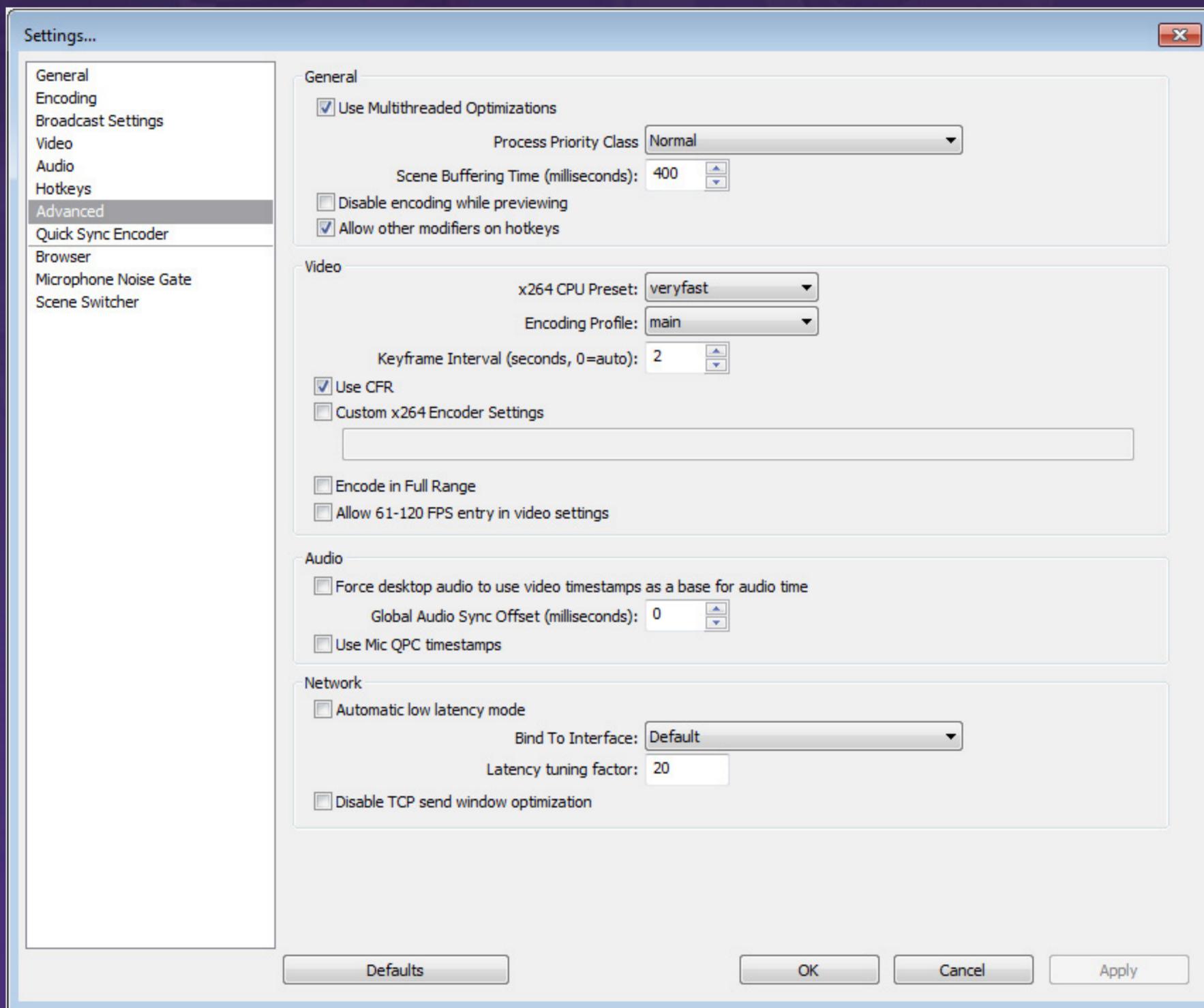
**Microphone:** Set to your microphone device.

# Hotkeys



Hotkeys are not necessary for broadcasting, but can make scene switching and adding effects much easier.

# Advanced General Settings



**Use Multithread Optimizations:** Checked

**Priority Class:** Normal (setting priority higher can lag other applications)

**Disable Encoding While Previewing:** Only check this if previewing your stream causes lag.

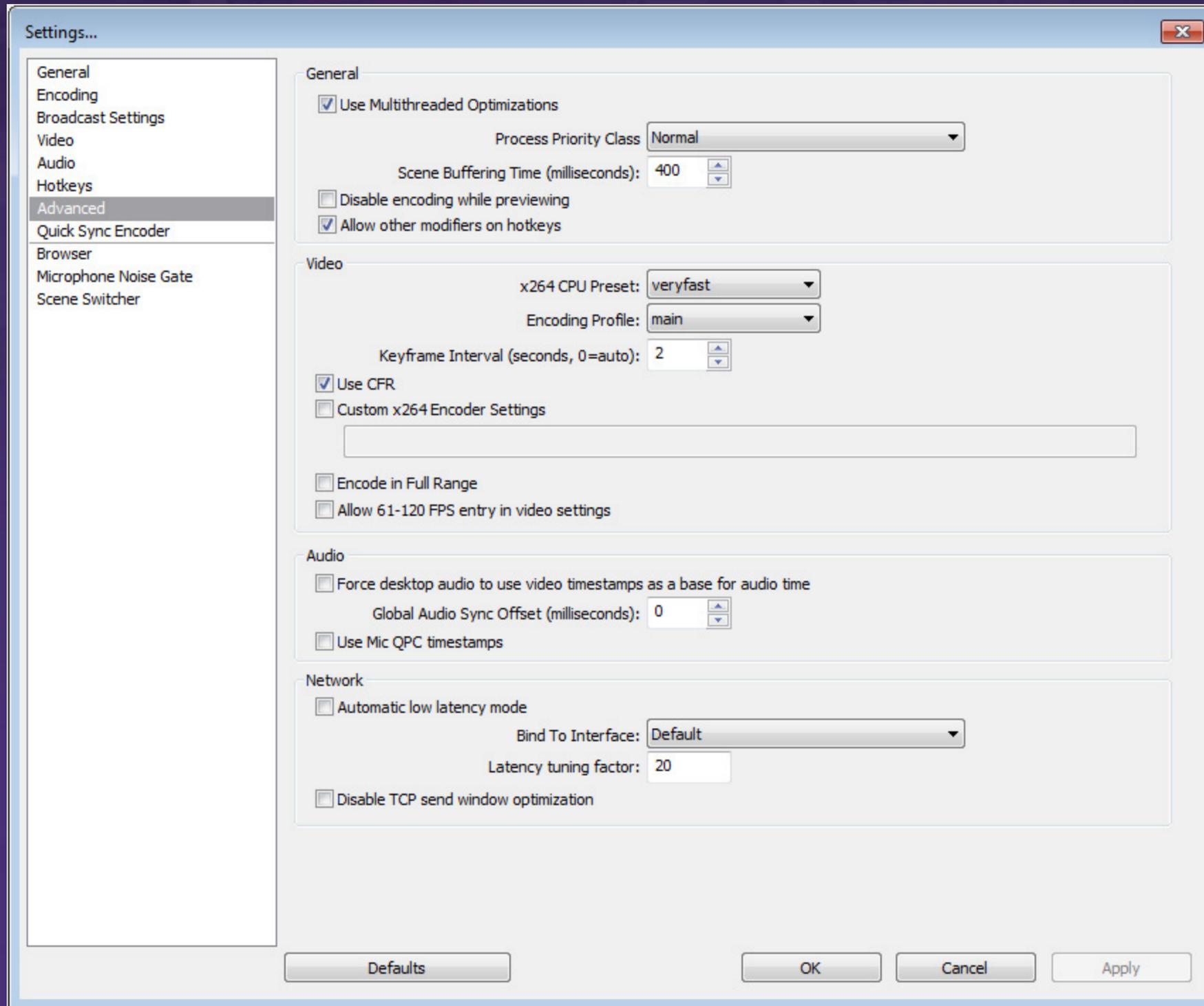
**x264 CPU Preset:** Set to **VeryFast** unless your computer is amazing. The slower the encoding, the higher the quality, but slower levels of encoding is extremely CPU intensive.

**Encoding Profile:** While High produces a higher quality stream, it is less compatible with viewing devices such as mobiles. Recommend set to **Main**.

**Keyframe Interval:** 2 Seconds (this is VERY important)

**Use CFR:** Checked

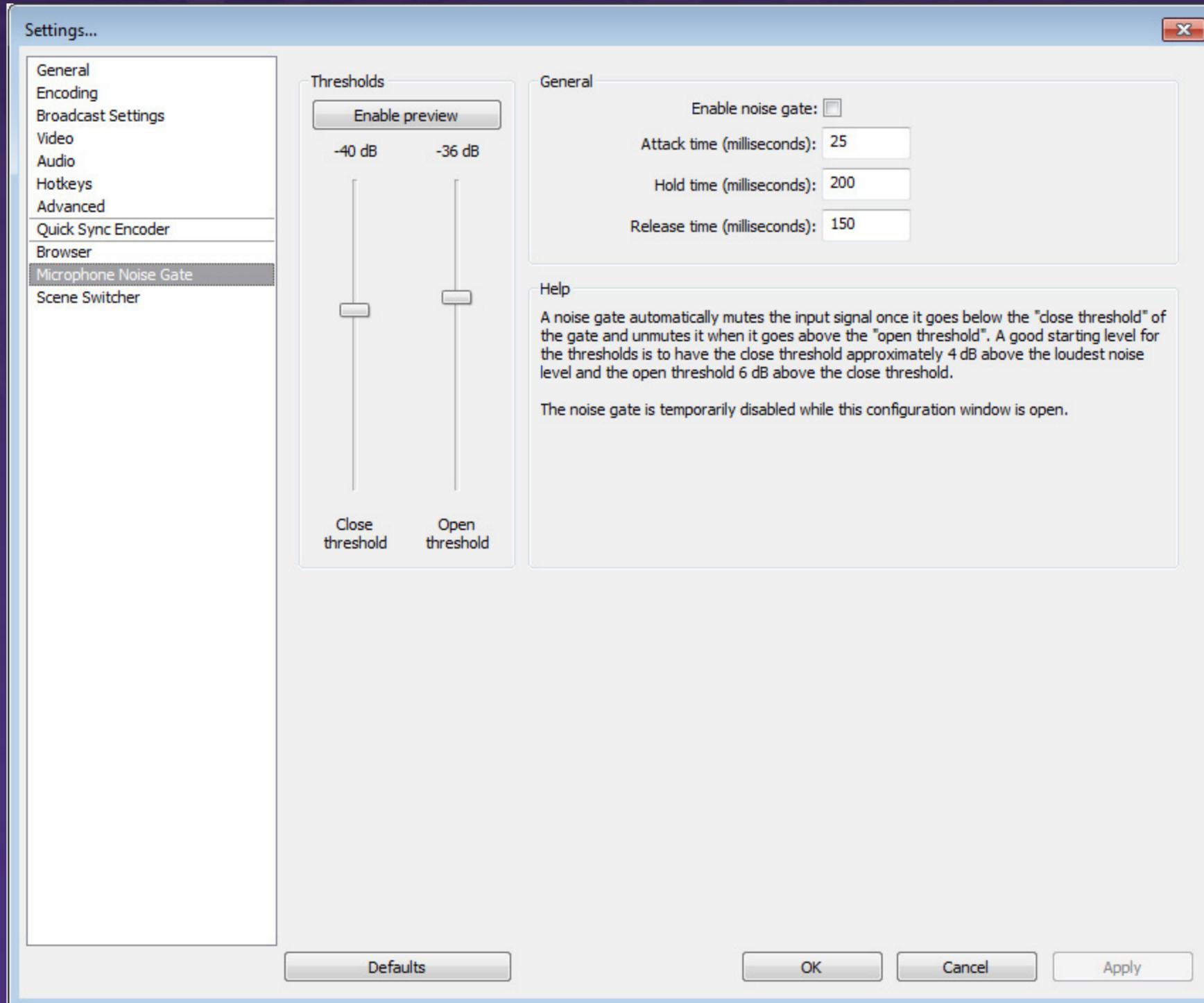
# Advanced Audio Settings



**Global Audio Sync Offset:** Use this to adjust audio if you have audio sync issues.



# Microphone Noise Gate

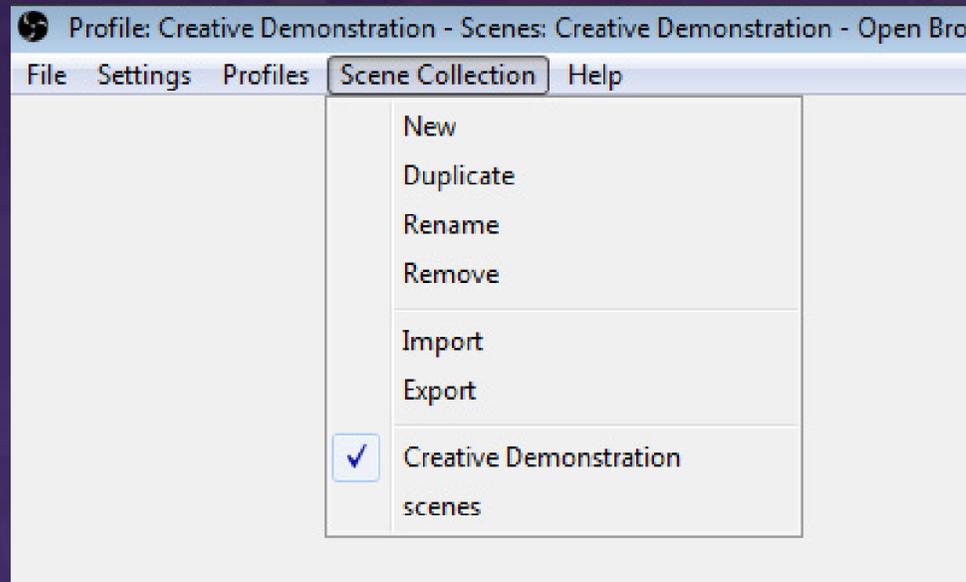


Use the **Close and Open thresholds** to determine when OBS should broadcast your microphone. Use the **Enable Preview** option to find the best settings.

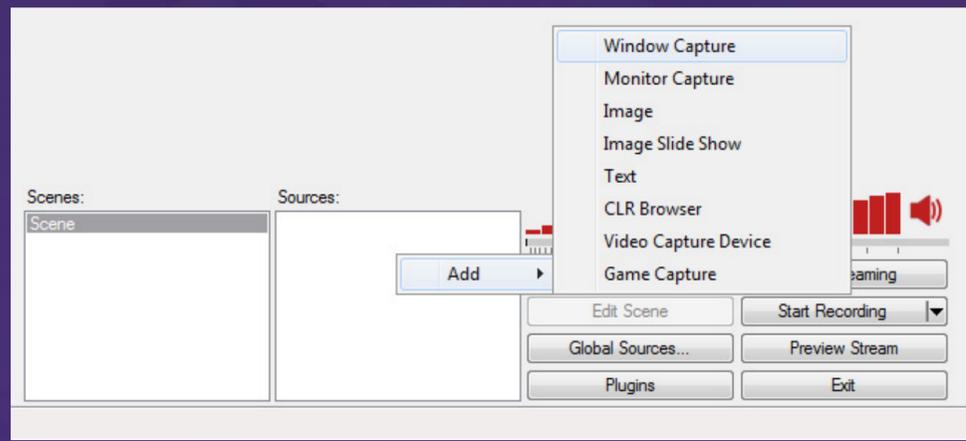
Attack time, hold time, and release time generally don't need to be changed.



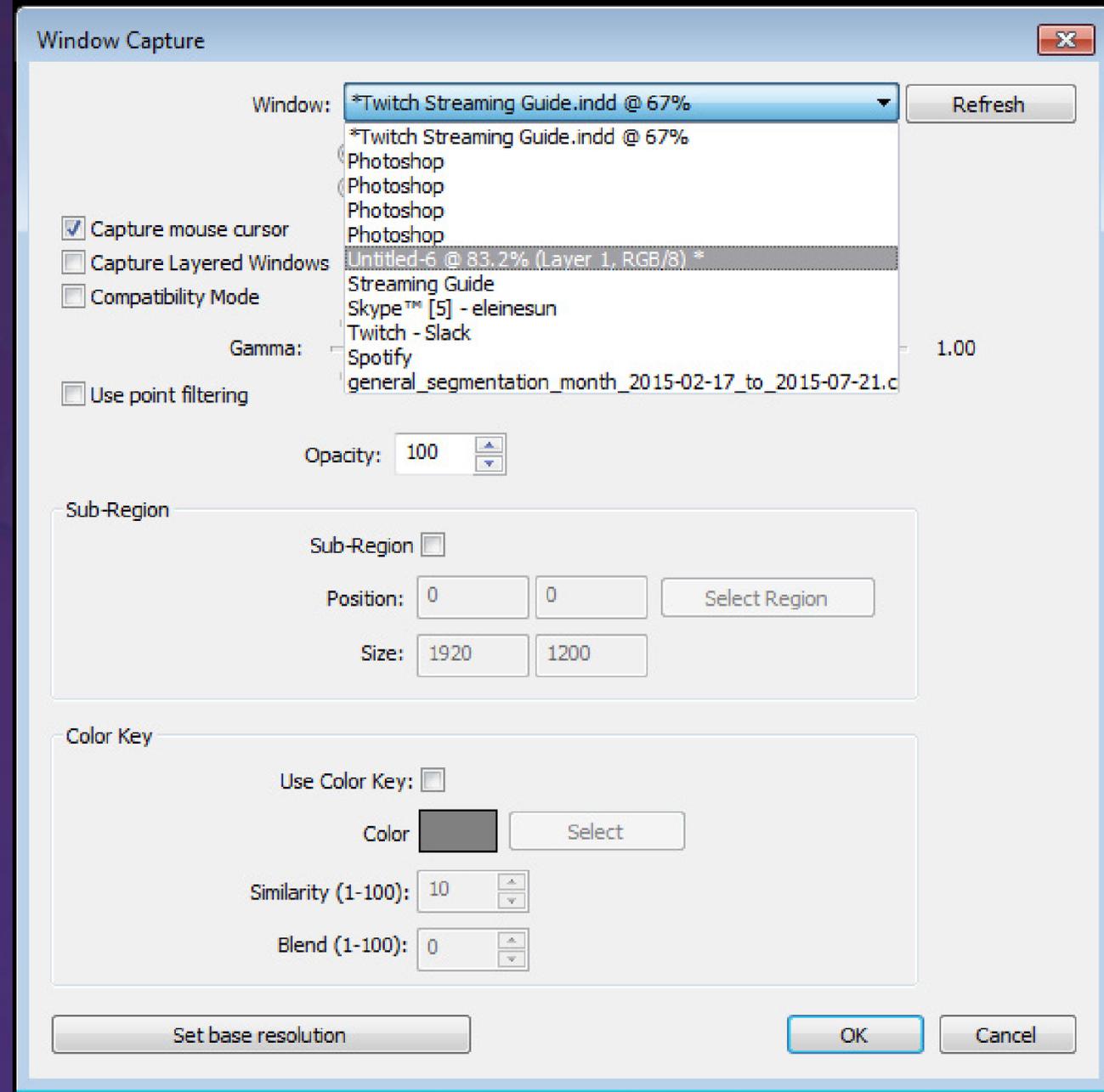
# Adding A Window Capture



Create a new **Scene Collection**



Add a **Window Capture** and name it



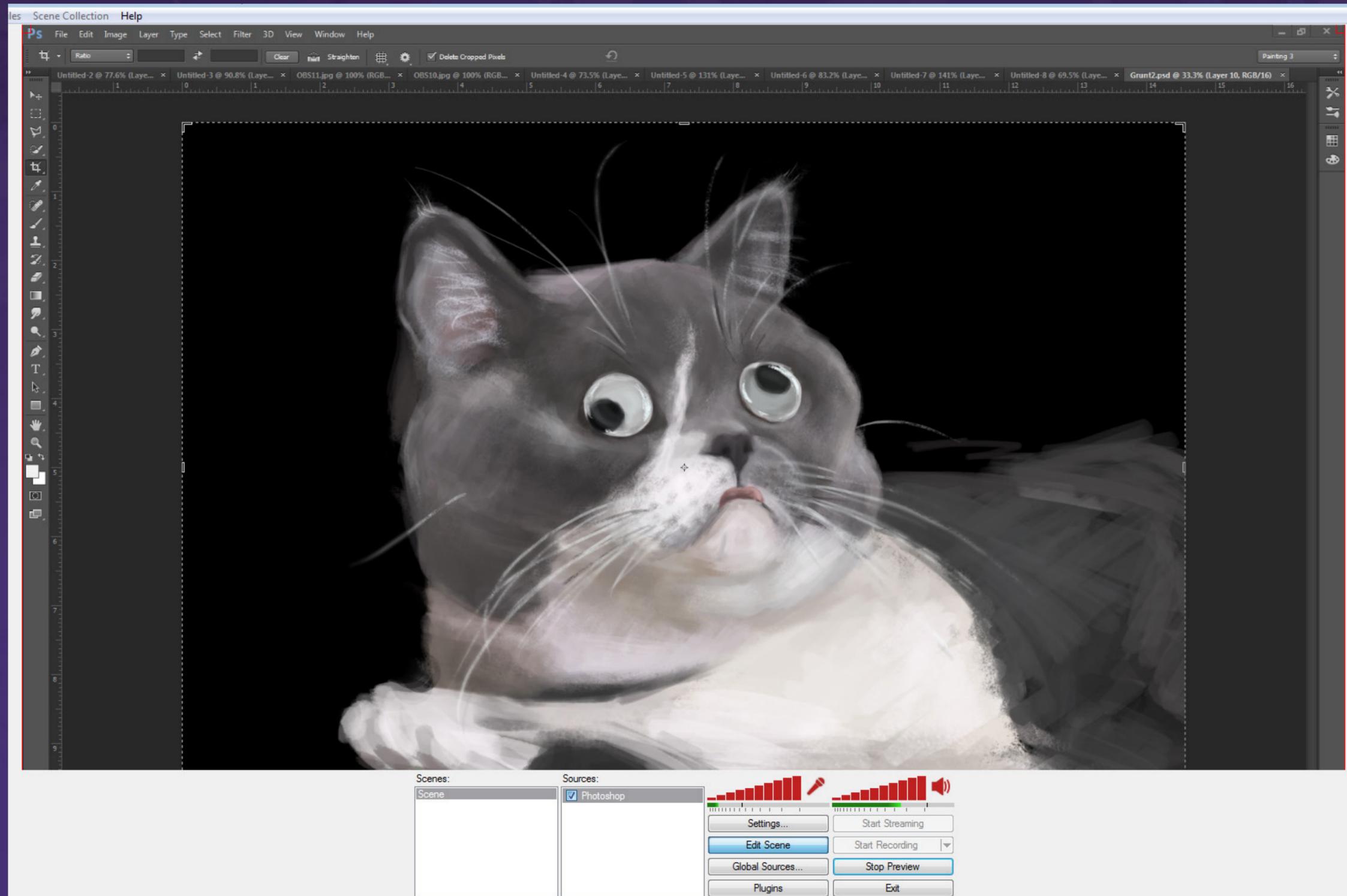
Choose a **Window** to capture.

If trying to capture a Photoshop window, open a project in Photoshop. Select it from the Window drop down menu. Do NOT select Photoshop.

Photoshop menus interact with OBS differently from other applications, and selecting it will likely only select a menu.

No need to touch any other settings.

# Adjusting Scenes



Click **Edit Scene** to adjust the placement and size of elements on the stream. A red border will appear on each element.

Refer to <http://help.twitch.tv/customer/portal/articles/1262922-open-broadcaster-software> for an in depth explanation of OBS settings and guides on how to add various other elements to your stream!

Click Start Streaming to begin broadcasting to Twitch. Be sure to check your broadcast dashboard to update your title and chat with viewers!

If you have any questions, concerns, or suggestions, please contact us at [creativehelp@twitch.tv](mailto:creativehelp@twitch.tv) and we will reply as quickly as possible.

Happy streaming!