Welcome to

twitch

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

Creating a Twitch Account

Visit **www.twitch.tv**
Click **Sign Up** to create an account

Twitch Profile

Visit **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**

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!
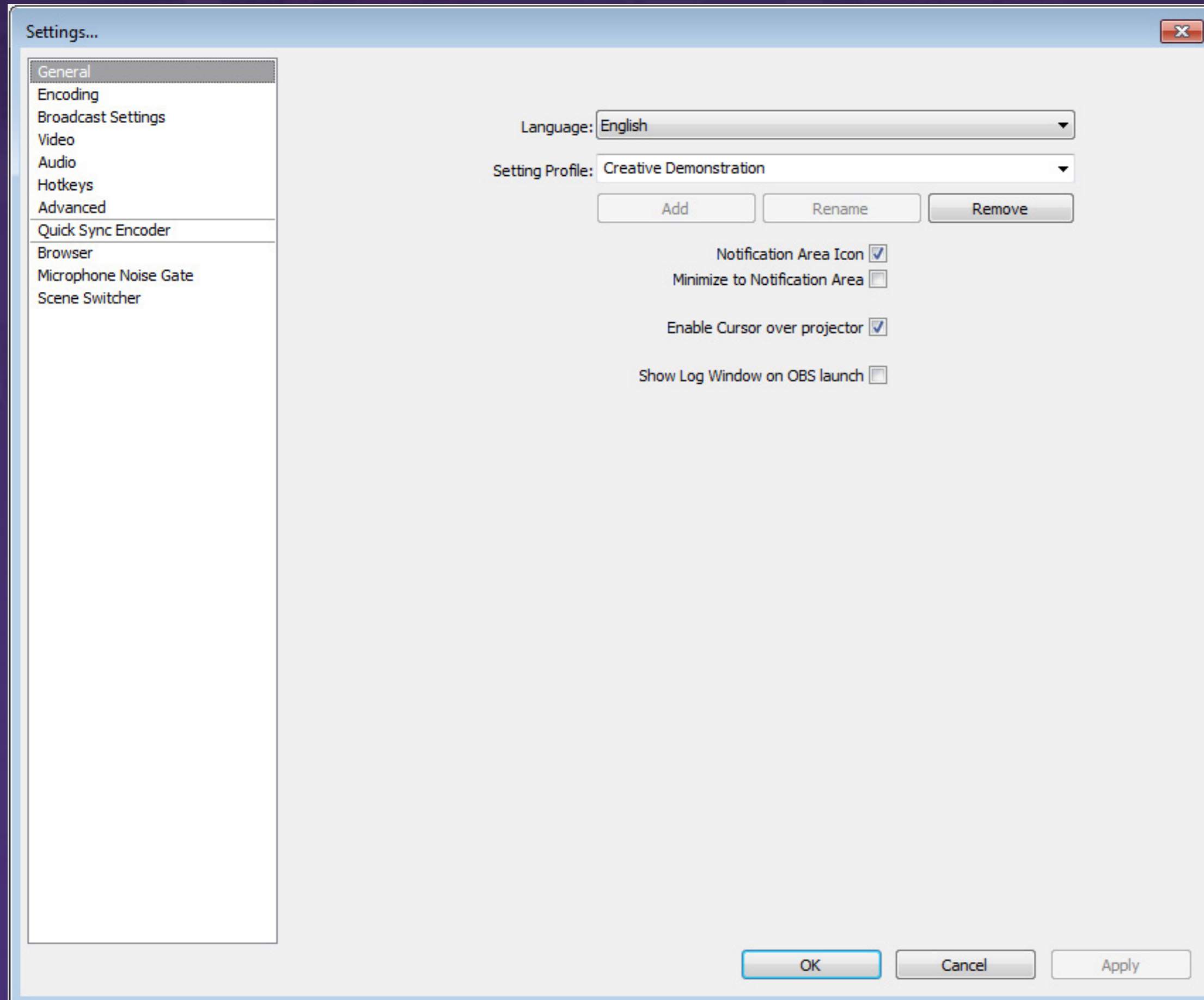
Open Broadcaster Software (OBS)

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

Settings...

General
Encoding
Broadcast Settings
Video
Audio
Hotkeys
Advanced
Quick Sync Encoder
Browser
Microphone Noise Gate
Scene Switcher

Language: English

Setting Profile: Creative Demonstration

Add   Rename   Remove

Notification Area Icon ☑
Minimize to Notification Area ☐

Enable Cursor over projector ☑

Show Log Window on OBS launch ☐

OK   Cancel   Apply

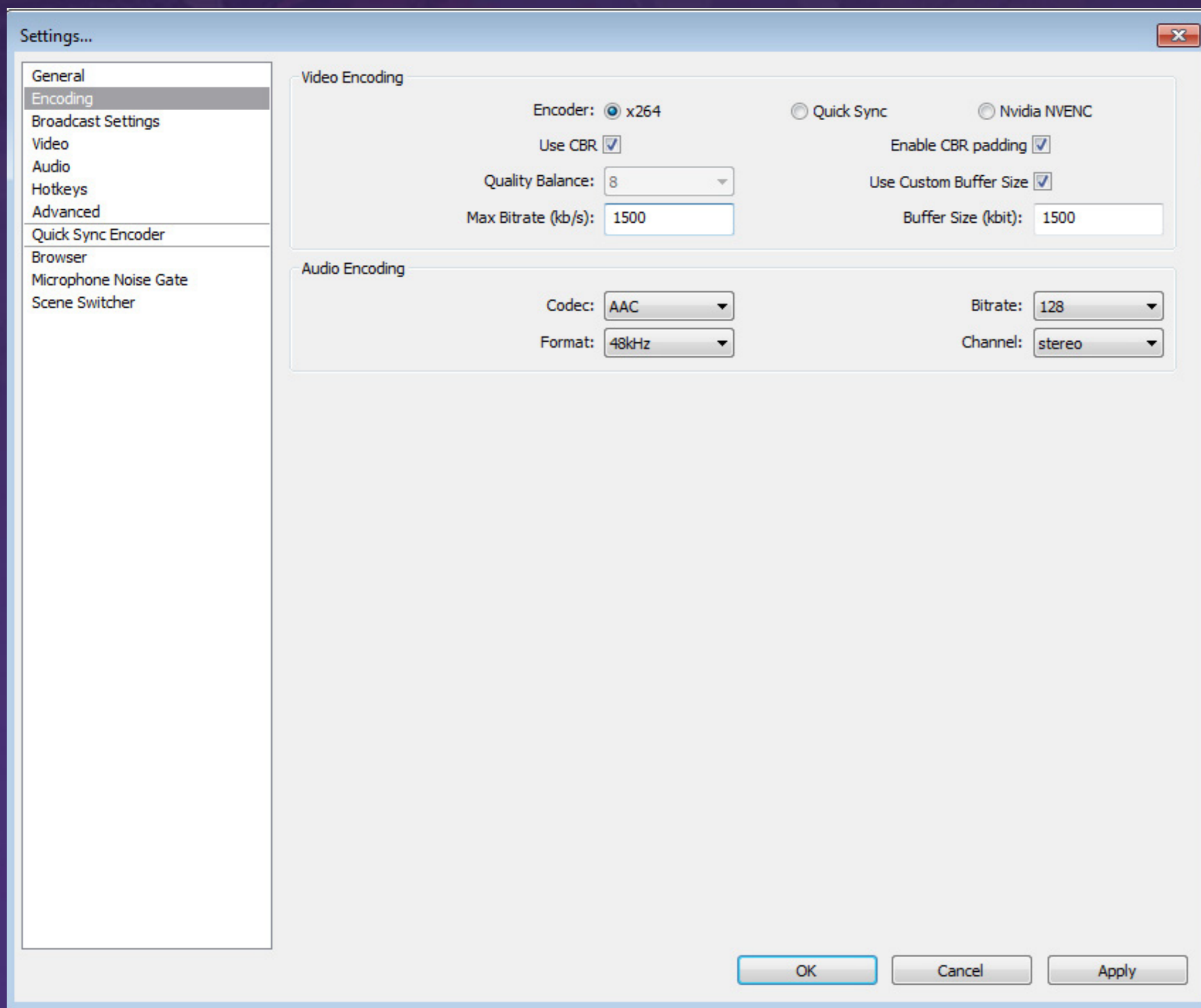Click **Settings** to begin configuring stream settings.

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**

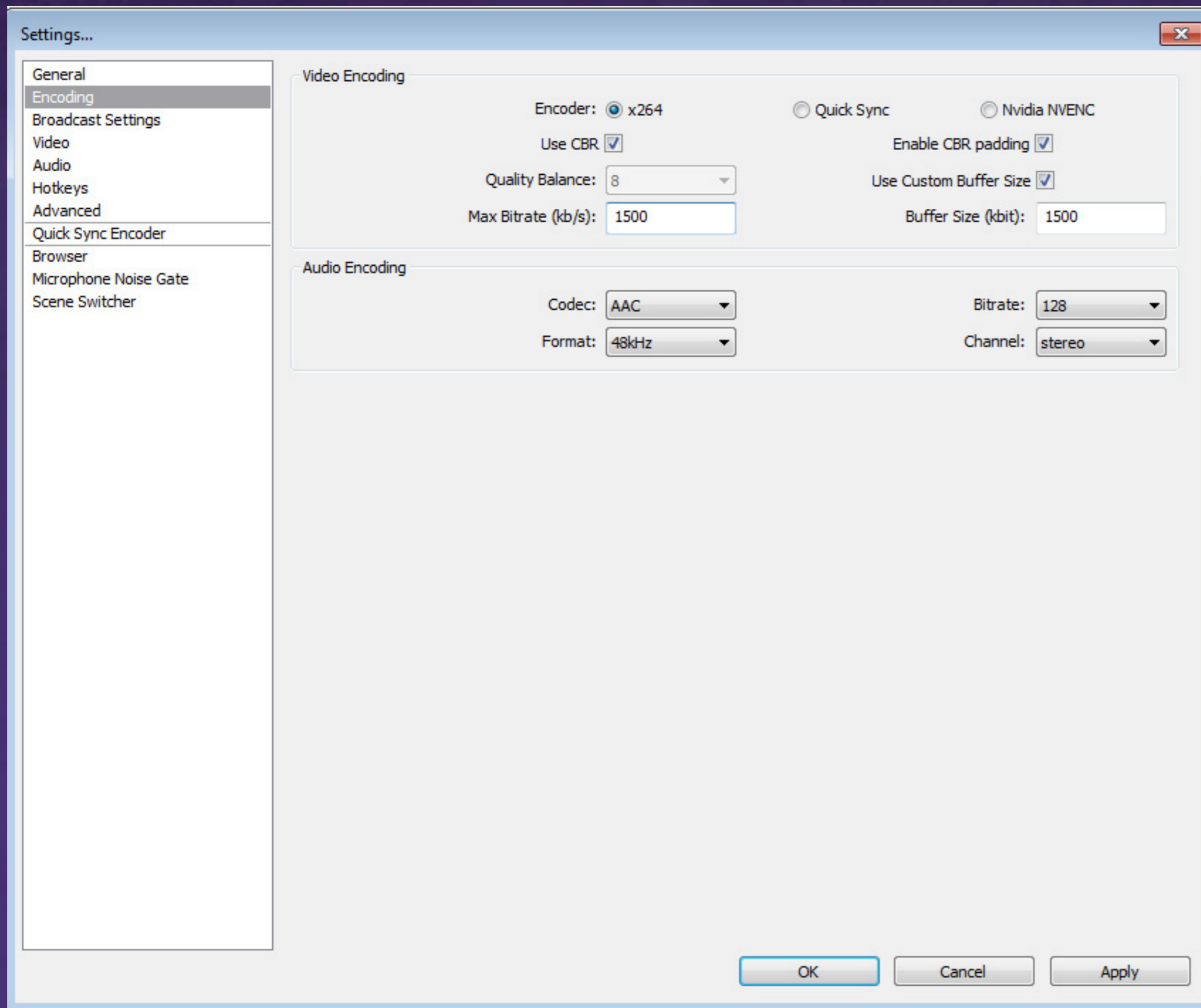Set **Max Bitrate** to a value **between 1000 and 2500**

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**.
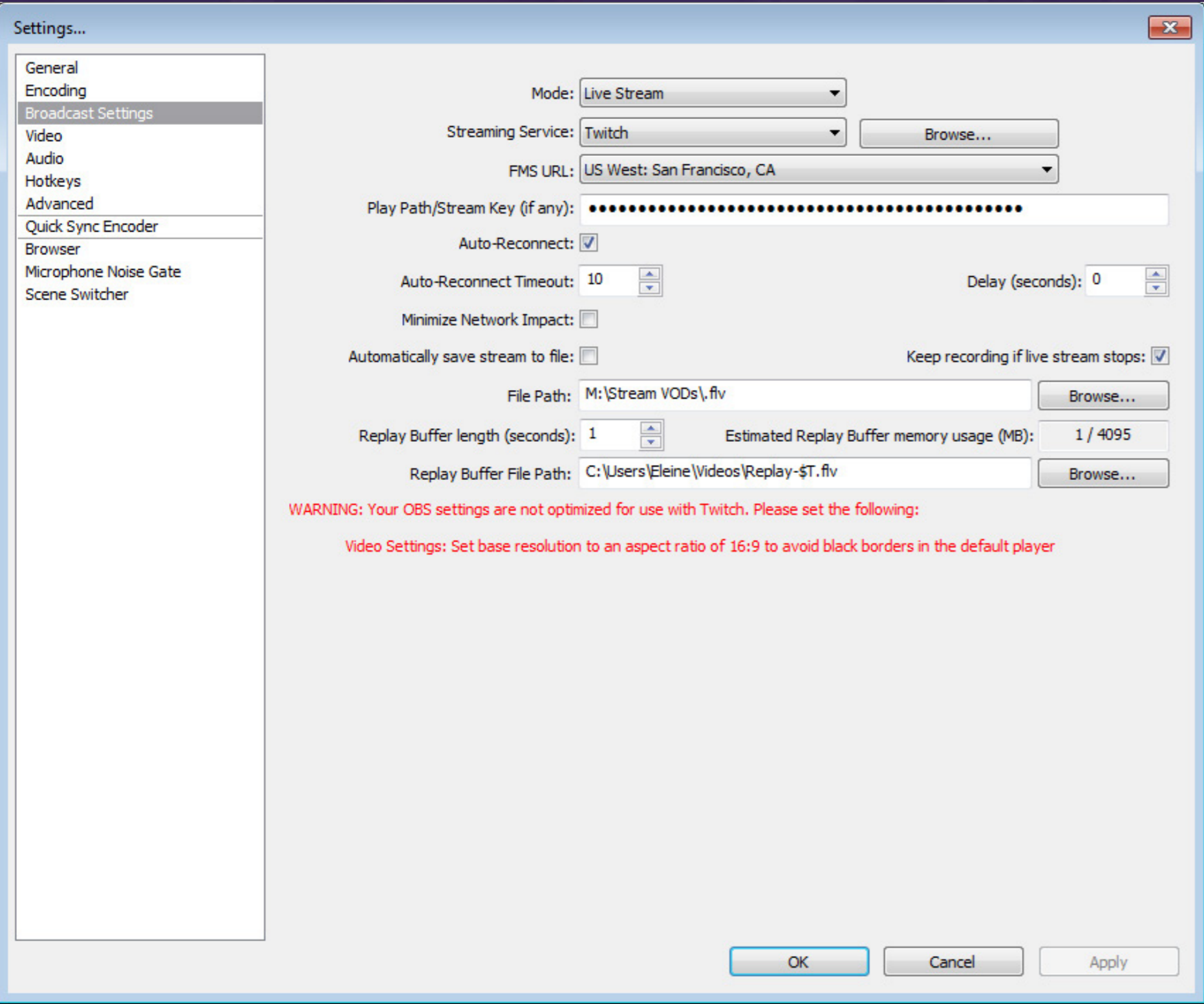
Audio Encoding

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**

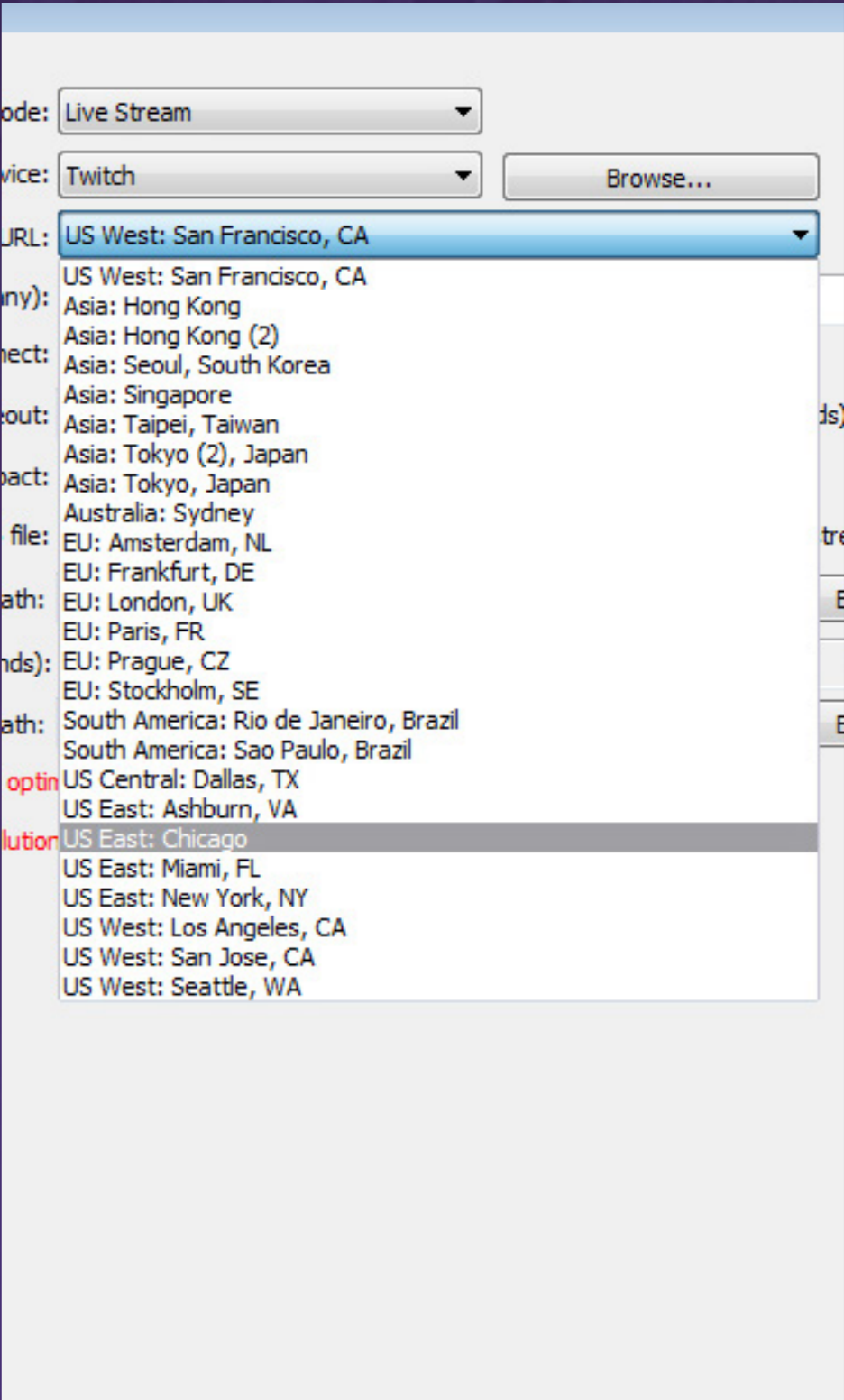FMS URL: **Server geographically closest to you**

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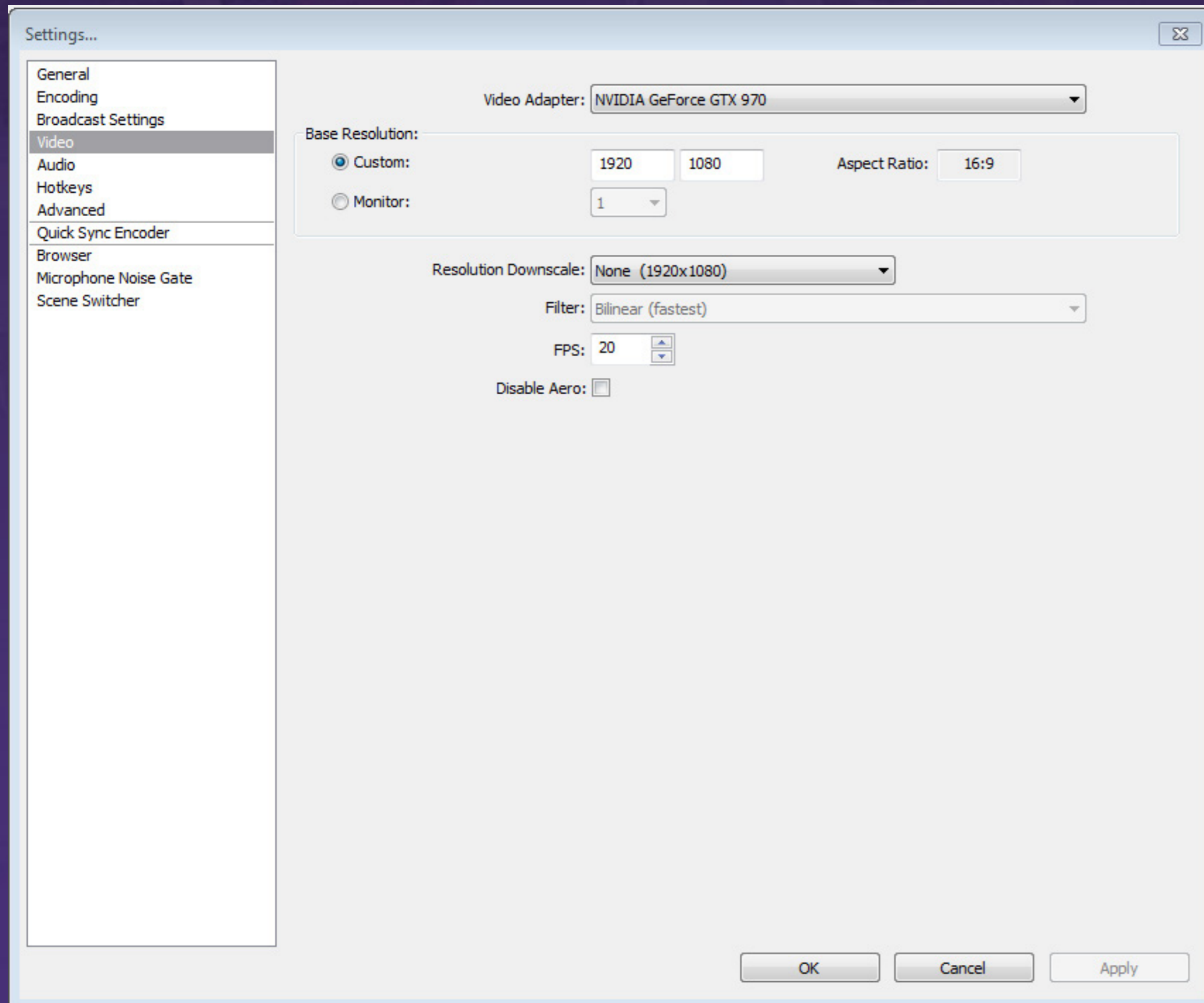
Check **Autoreconnect**

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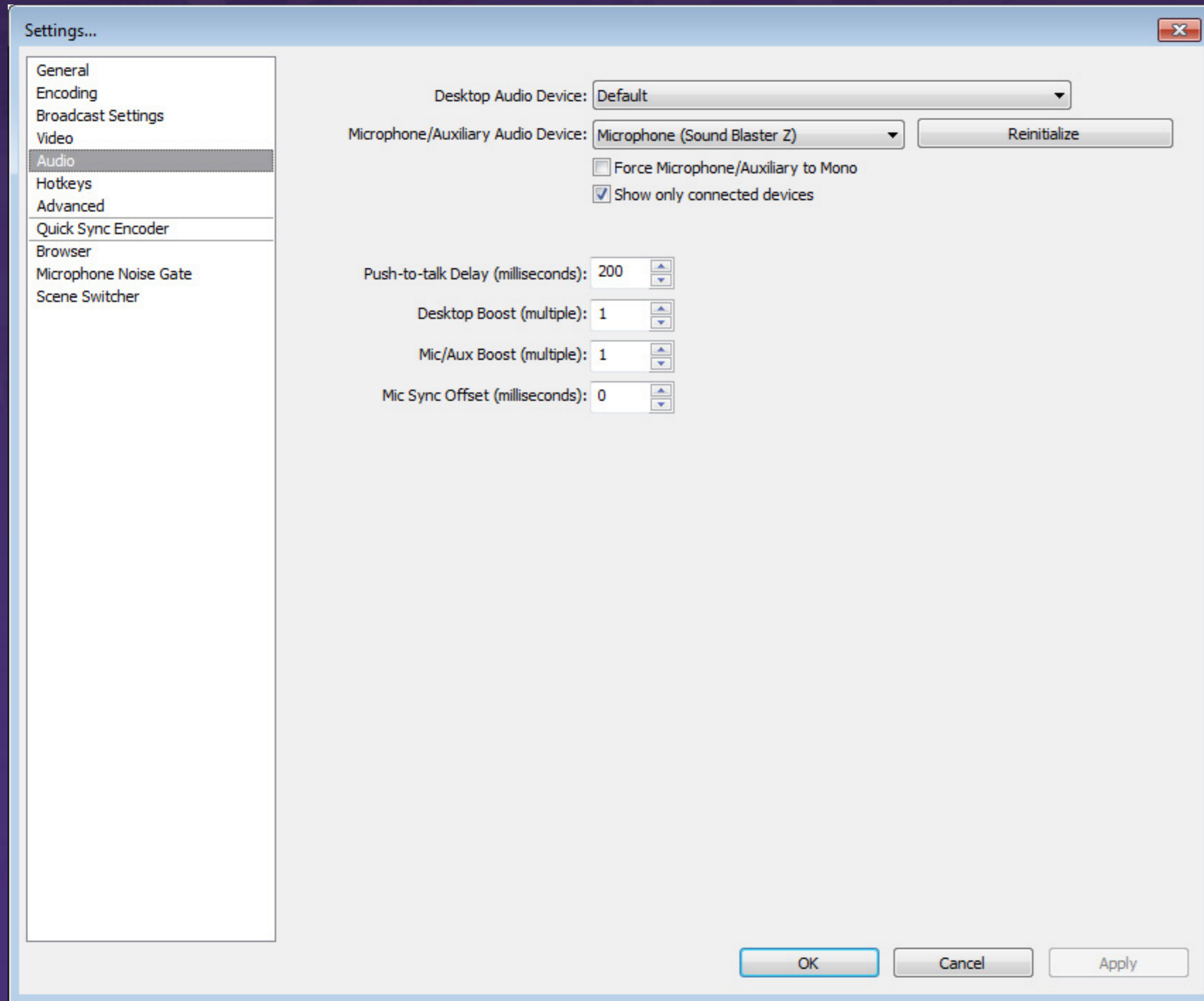
Base resolution typically is your monitor's resolution. It's recommended you use a 16:9 resolution even if your monitor is not, however.

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.
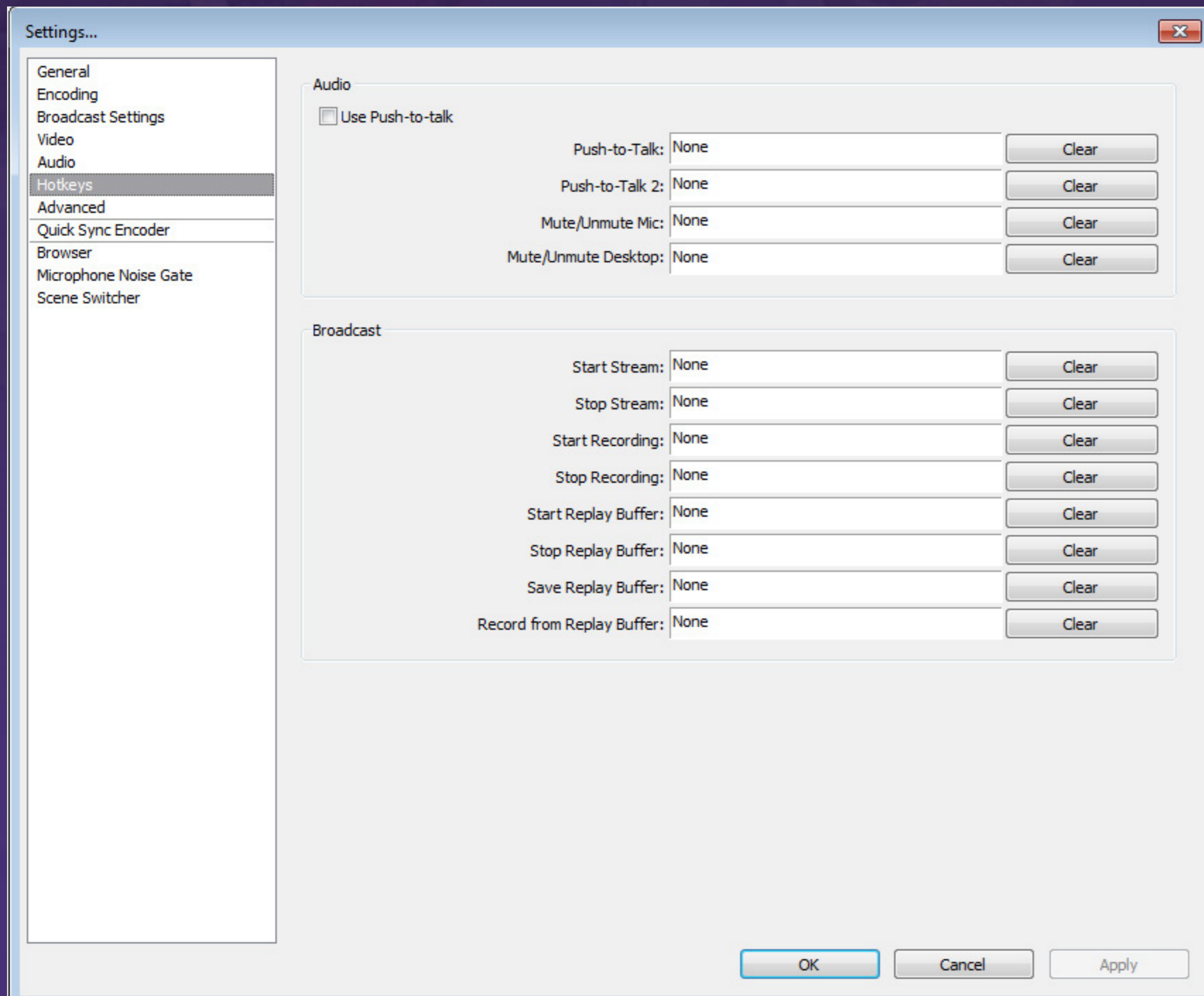
Aero is not recommended to be disabled.

Audio Settings

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

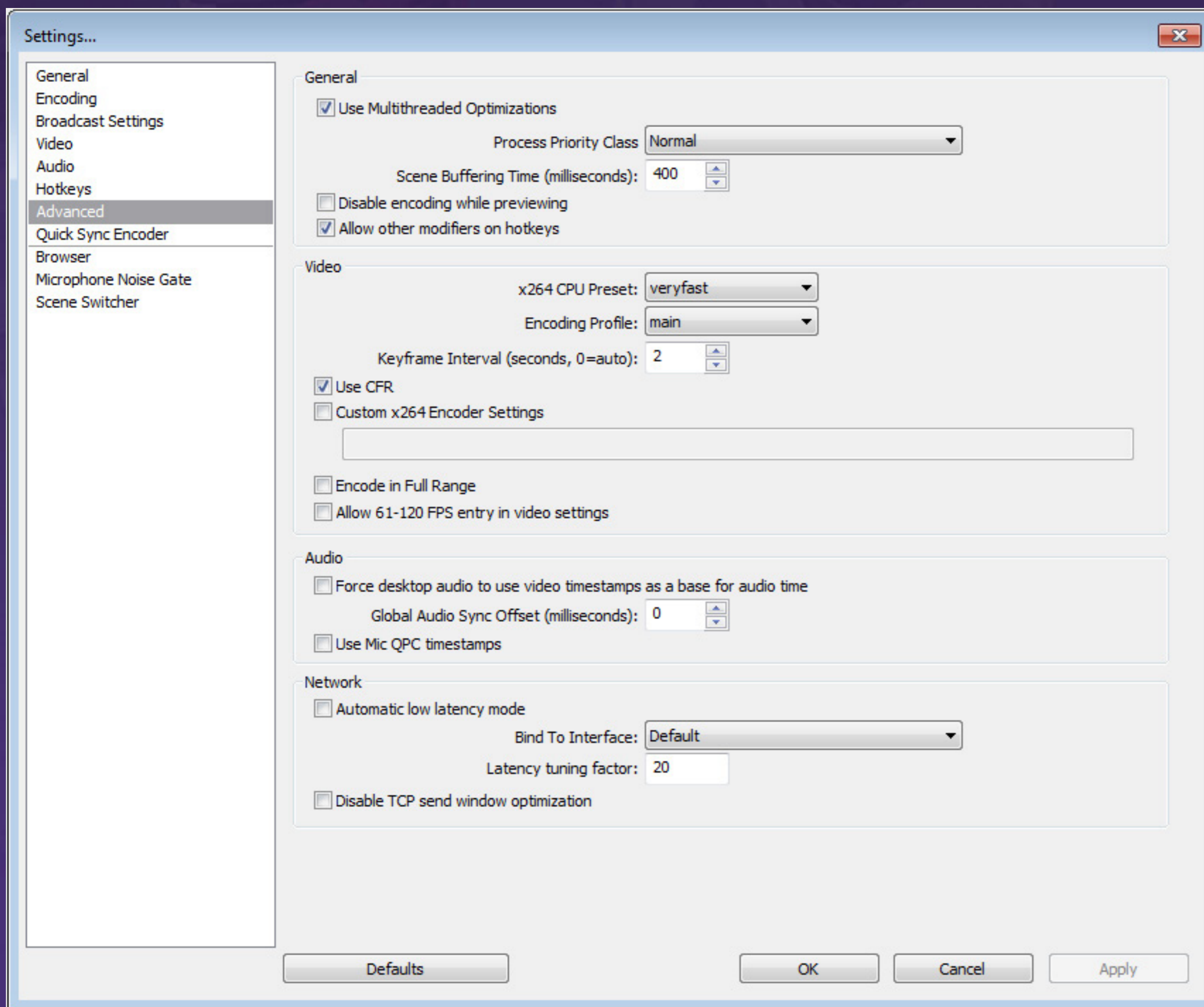**Microphone**: Set to your microphone device.

Hotkeys

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

14

Advanced General Settings

Use Multithread Optimizations: Checked

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

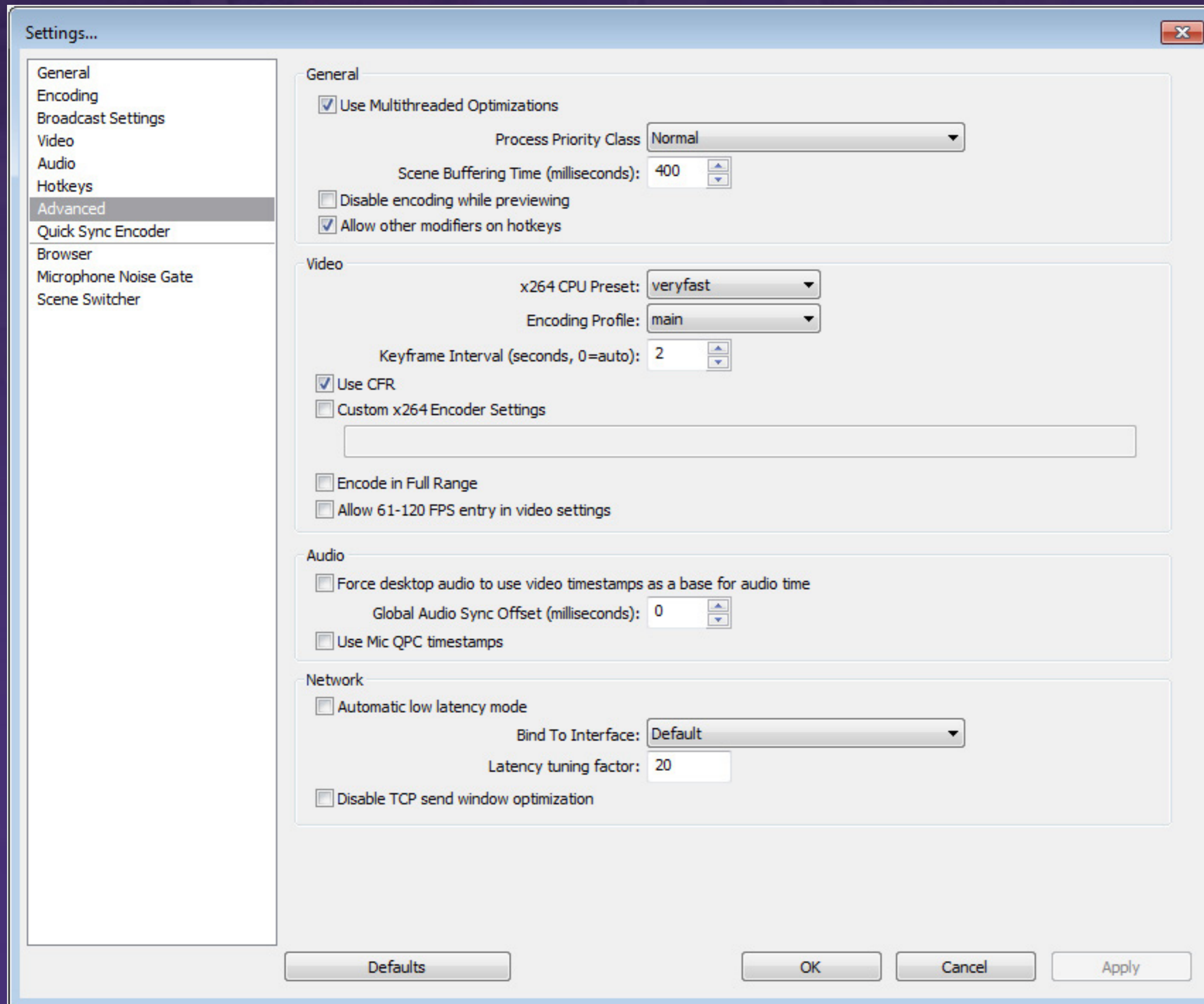**Disable Encoding While Previewing**: Only check this if previewing your stream causes lag.

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)
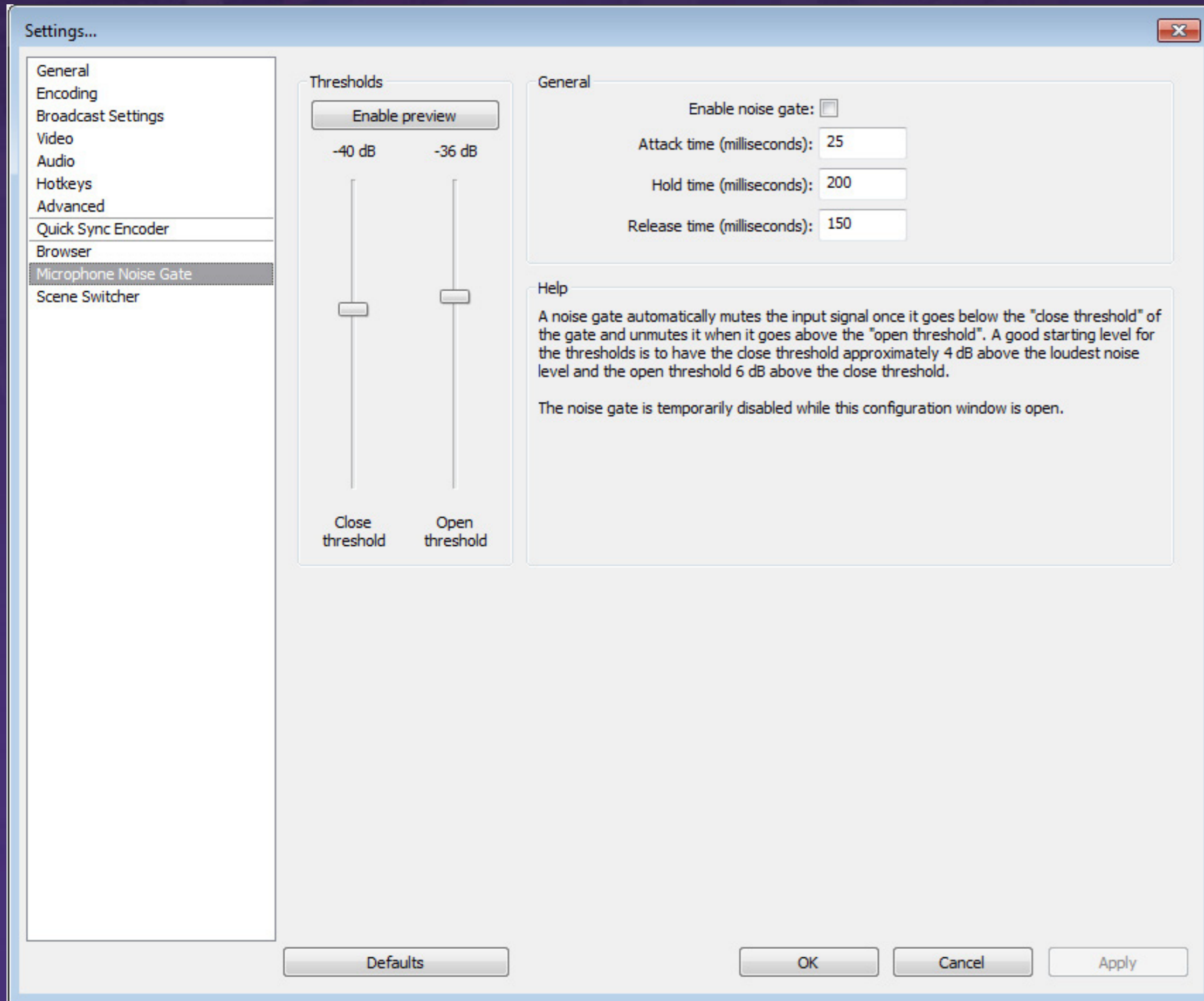
Use CFR: Checked

Advanced Audio Settings

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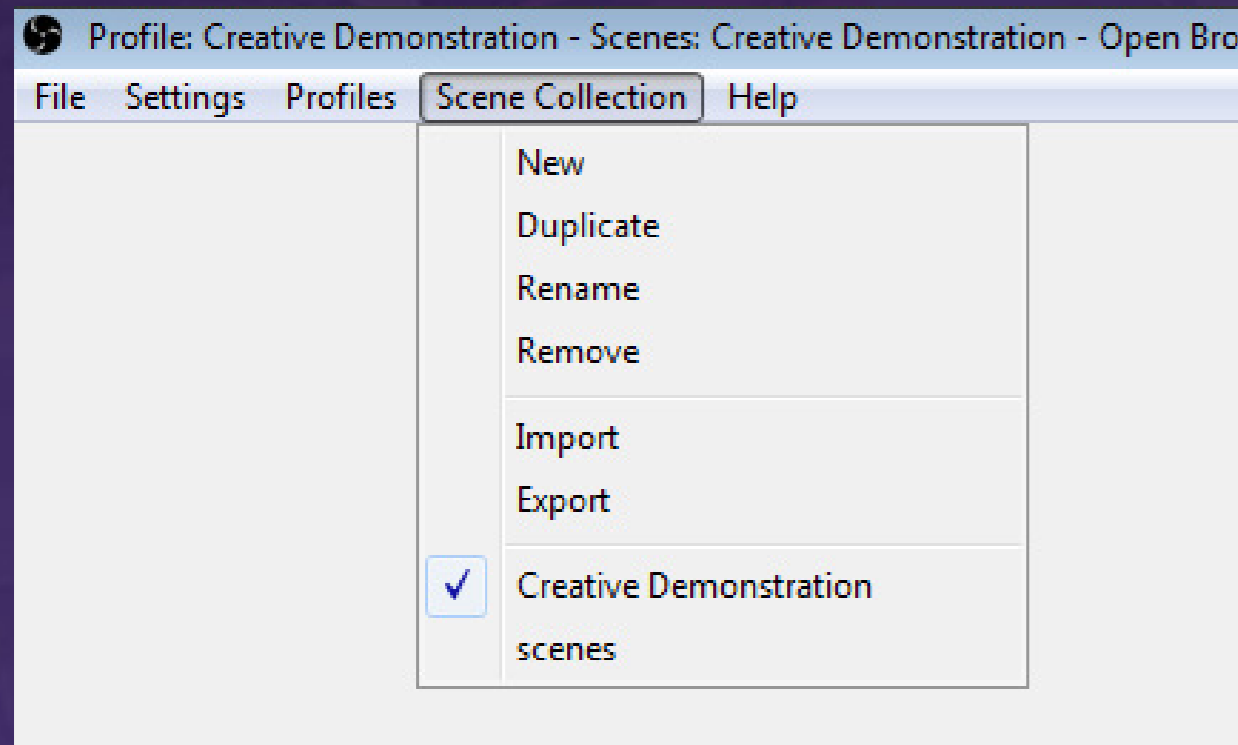
Microphone Noise Gate

Use the **Close and Open thresholds** to determine when OBS should broadcast your microphone. Use the **Enable Preview** option to find the best settings.
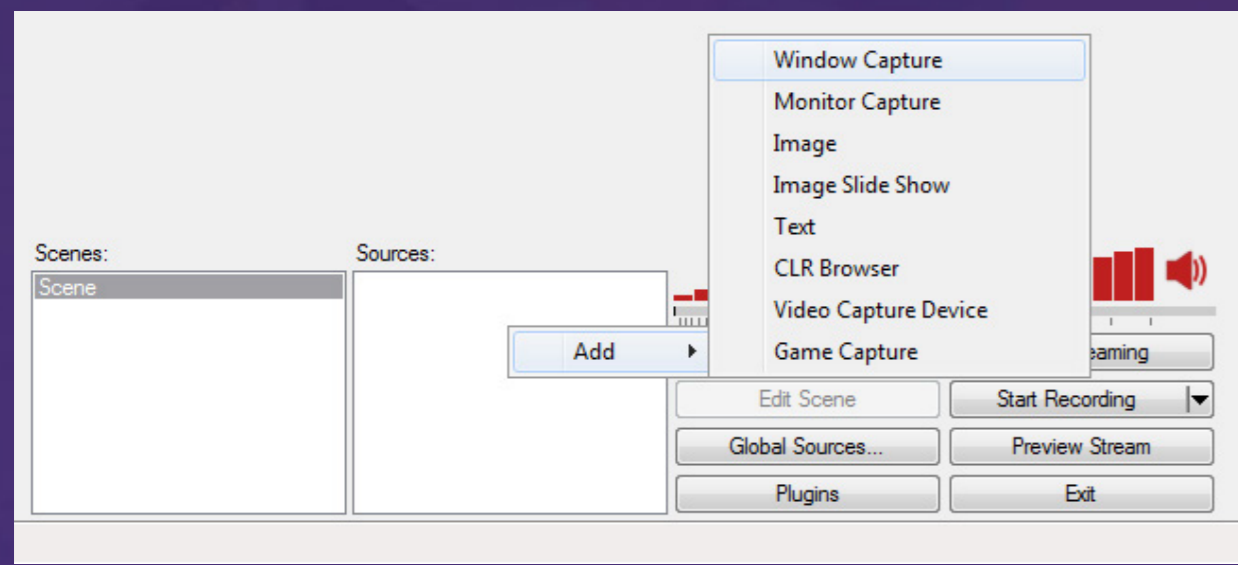
Attack time, hold time, and release time generally don't need to be changed.
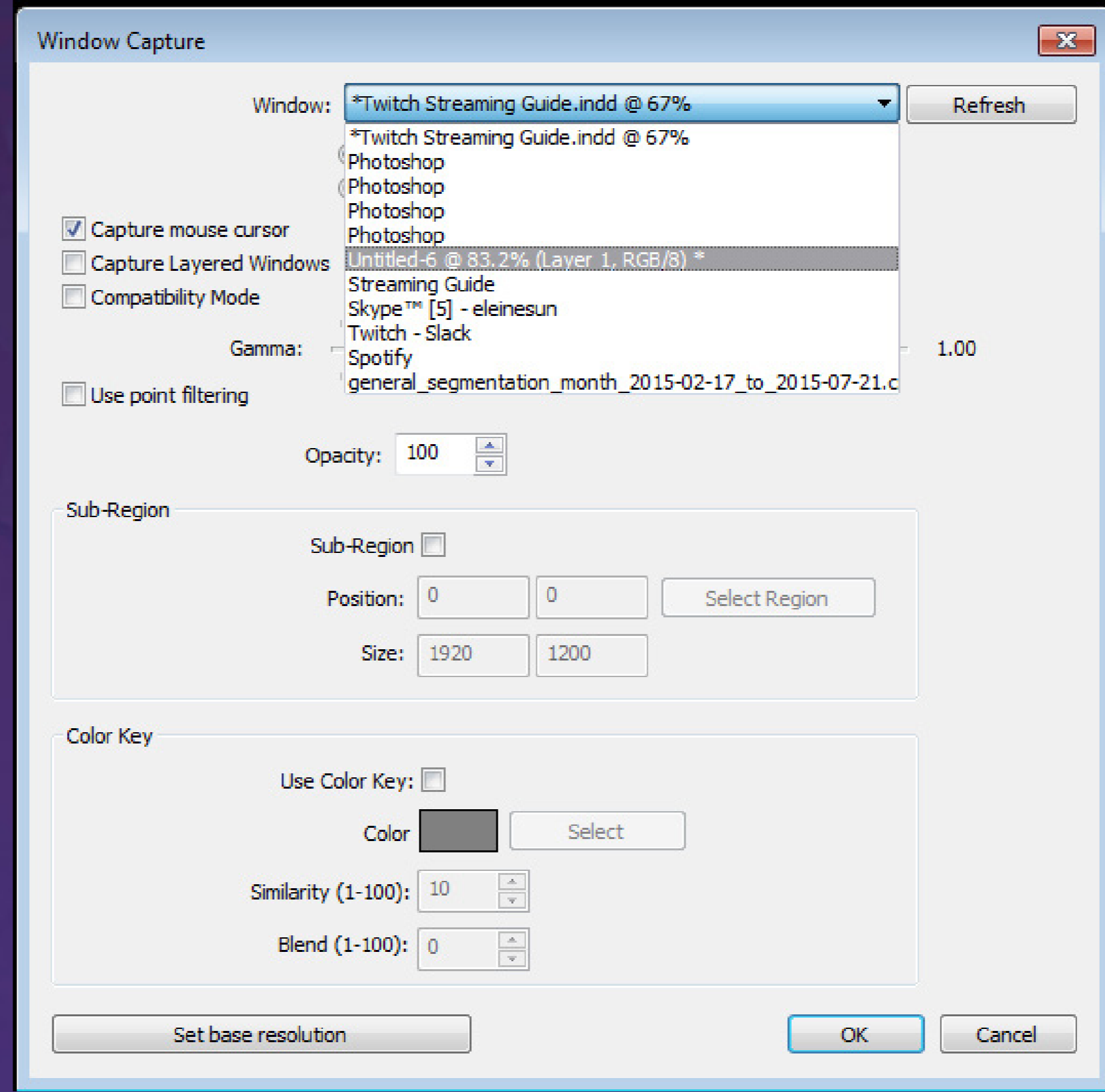
Adding A Window Capture

Create a new **Scene Collection**

Add a **Window Capture** and name it
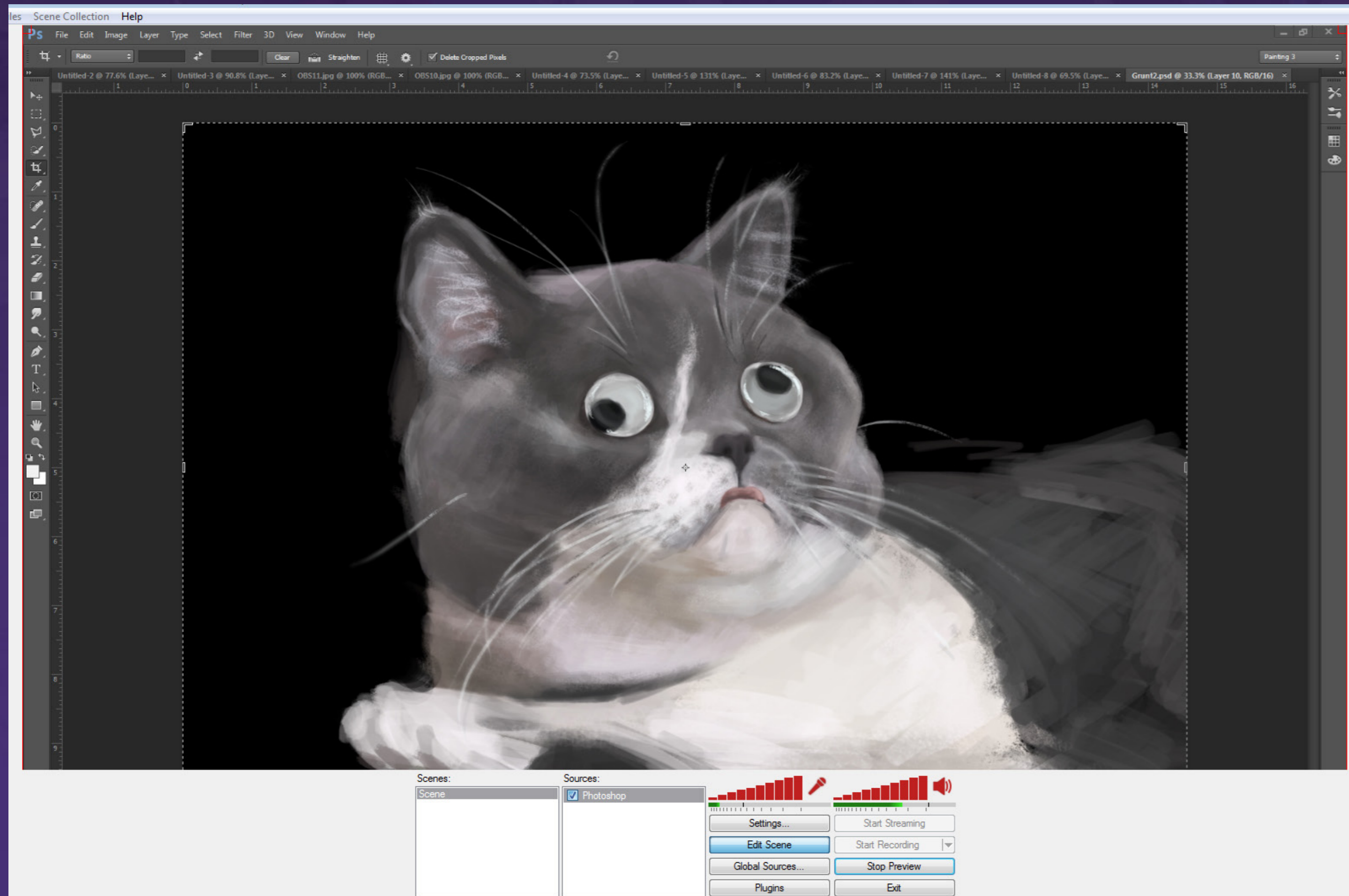
Choose a **Window** to capture.

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** and we will reply as quickly as possible.

Happy streaming!