

# Downloading OBS Studio

- Based on the GDQ OBS, this custom version of OBS will enable the restream to sync streams and have consistent cropping.
- Download from the URL linked in the #announcements channel.
- Unzip to a folder. Only run OBS via double clicking the obs shortcut.bat file. **Do not update OBS.**

# Setting up OBS Studio

## Stream

- File -> Settings -> Stream
- Should be pre-configured with the league RTMP server
- You'll be given a stream key prior to your match, set it here.

## Stream Output

- These settings are pre-configured for the best possible performance. Only change them if you're dropping frames to the RTMP server.
  - Switch to Hardware encoding, especially NVENC if your machine has the option. This should provide better performance overall compared to software. Only switch back if you're experiencing frame drops.

## Game Capture

- There's a game capture scene. Add your capture card output to this scene ONLY. Fit it within the 4:3 box. If you can see the color underneath, right click on your capture card, go to filters, and do the following:
  - Crop your capture card's output **using a filter** so there are no black bars on any side.
  - Use a scaling/aspect ratio filter to force it to fit to 4:3.
    - **The order here is important. First crop all black bars away with a crop filter, then force 4:3 filter.** If you do it the other way, you may have unexpected results.
    - You should see NO green color in this scene once you've set up things correctly.

## Audio Settings

- Ensure that your capture card's audio is showing up in the audio mixer. If it's not, follow whatever setup you do for your capture card in OBS. Avoid leaking your desktop audio, as it's not needed :)

## When Running

- Stream the "Match Stream" scene in OBS, which is below the DO NOT EDIT line. Just click on the scene and stream that.