

## Managing audio devices for staRt simulator sharing

1. Install Soundflower:
  - Go to <https://github.com/mattingalls/Soundflower/releases/tag/2.0b2>
  - Scroll down and click to download Soundflower-2.0b2.dmg, then double-click to open it.
  - Follow these instructions from the Soundflower developer:
    - *The first time you run the installer (Soundflower.pkg), it will ask for your admin password, and will FAIL! A security alert will appear, with a button to take you to System Preferences "Security & Privacy - General" pane. Once there, there should be an "Allow" button (\*\*) that you will need to click on to give permission to use Soundflower (developer: MATT INGALLS). Then, RUN THE INSTALLER AGAIN. It should inform you installation was successful.*
    - *If you see an "Open Anyway" button in the Security Preferences, this is something different!!! Most likely because you tried (and failed) opening the installer by double clicking without holding down the control key. If so, click the "Open Anyway" button which will display another window. Then click the "Open" button in that window to launch the installer. Now you can follow the instructions above to get the "Allow" button to appear in the Security Preferences.*
2. Create a multi-output device:
  - Go to Audio MIDI Setup. You can get there by searching in Spotlight in the top right corner.
  - Click the "+" in the bottom left corner and select "Create Multiple Output Device"
  - Select Soundflower (2ch) and Built-in Output (or External Headphones if you see that option)
3. Select the multi-output device in Zoom:
  - Go to preferences -> Audio and change Speaker to "Multiple Output Device." You can leave the default microphone.
4. While running the simulator:
  - Adjust the input device by going to I/O > Audio Input.
  - If the client is speaking/controlling the device, switch the Audio Input to Soundflower (2ch).
  - If you are speaking/controlling the device, switch the Audio Input to your system microphone.