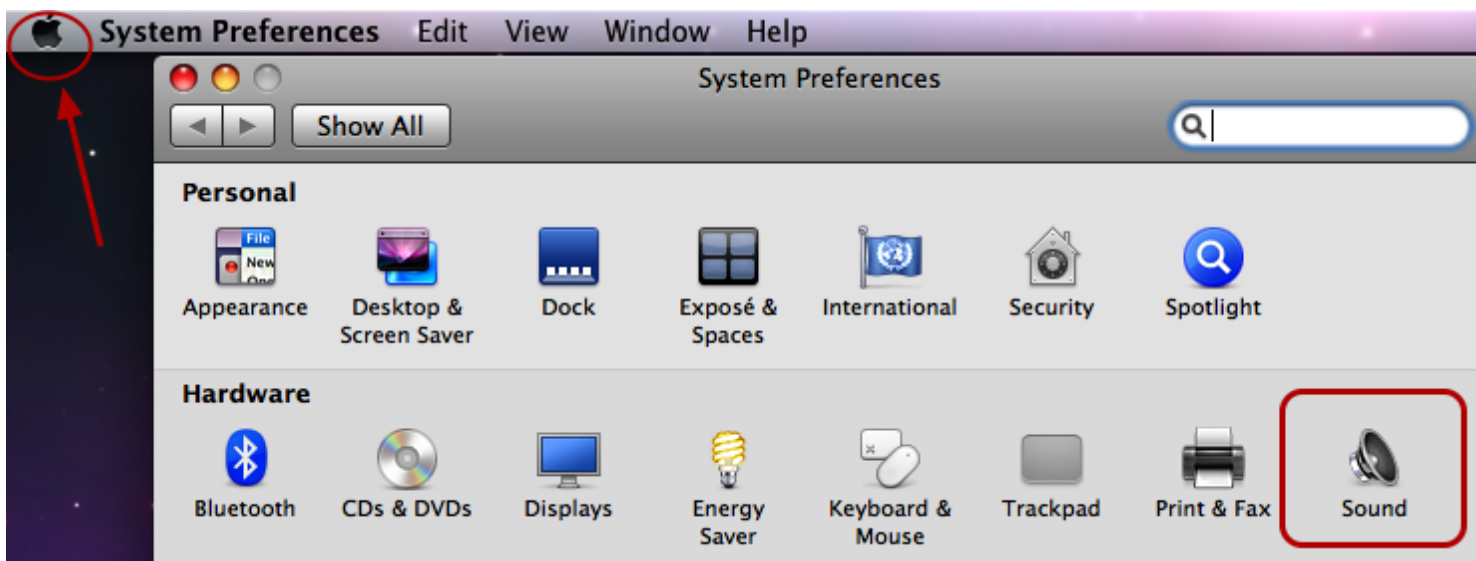


Mac Setup for Streaming a broadcast using Skype and Ustream

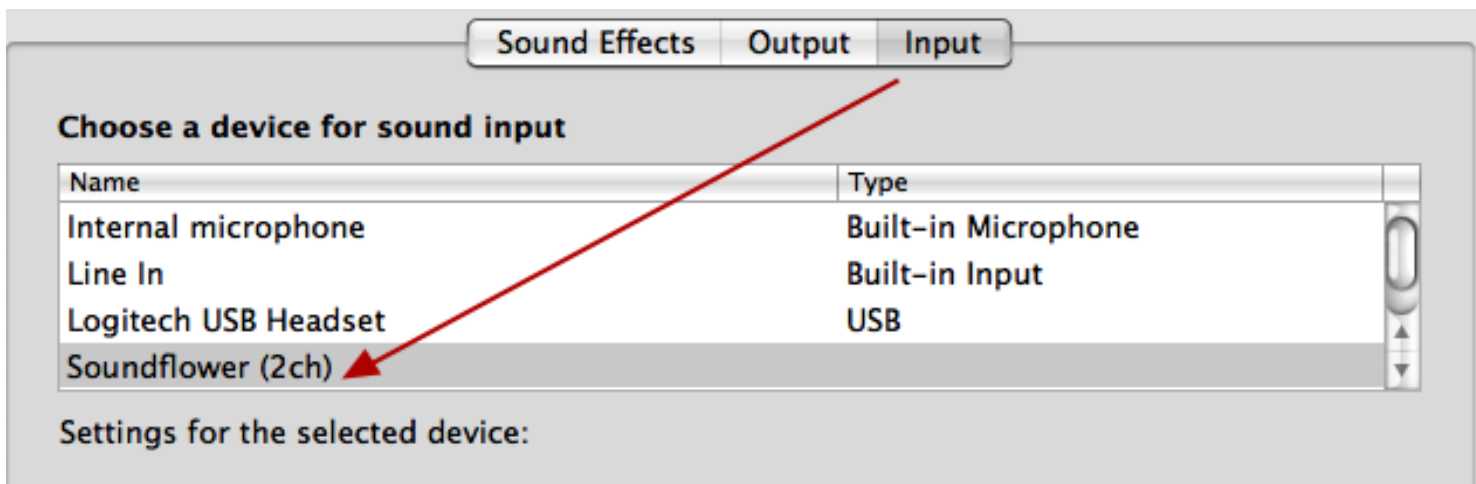
The following instructions (adapted from this [blog post](#) by [Alec Couros](#) will guide you through the process of setting up your computer as well as streaming an audio production using Ustream or other streaming media site will guide you throught the process of setting up your computer as well as streaming an audio production using Ustream or other streaming media site. Install [Camtwist](#), [Linein](#) and [Soundflower](#). and the Voice over the Interent Program (VOIP) [Skype](#). All these programs are available for free on the Internet. The next step is to setup your preferences for your computure each of these 4 applications

After you install all the required applications, start setting up your Sound Preferences using system preferences.

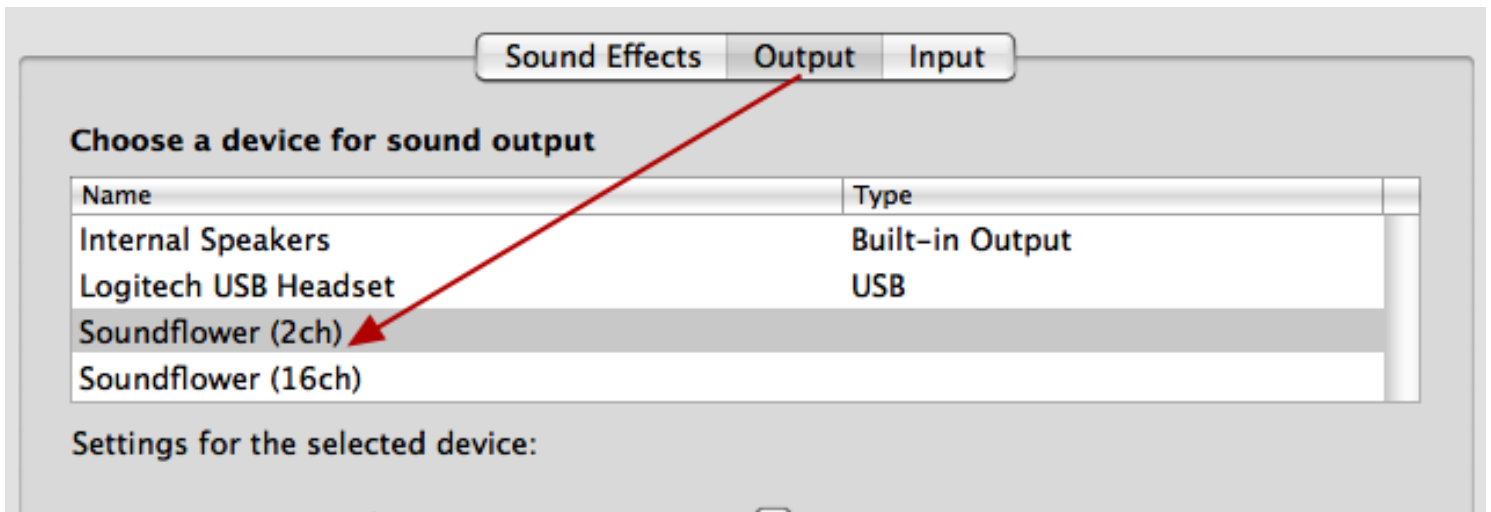


Click the Apple icon to activate system preferences

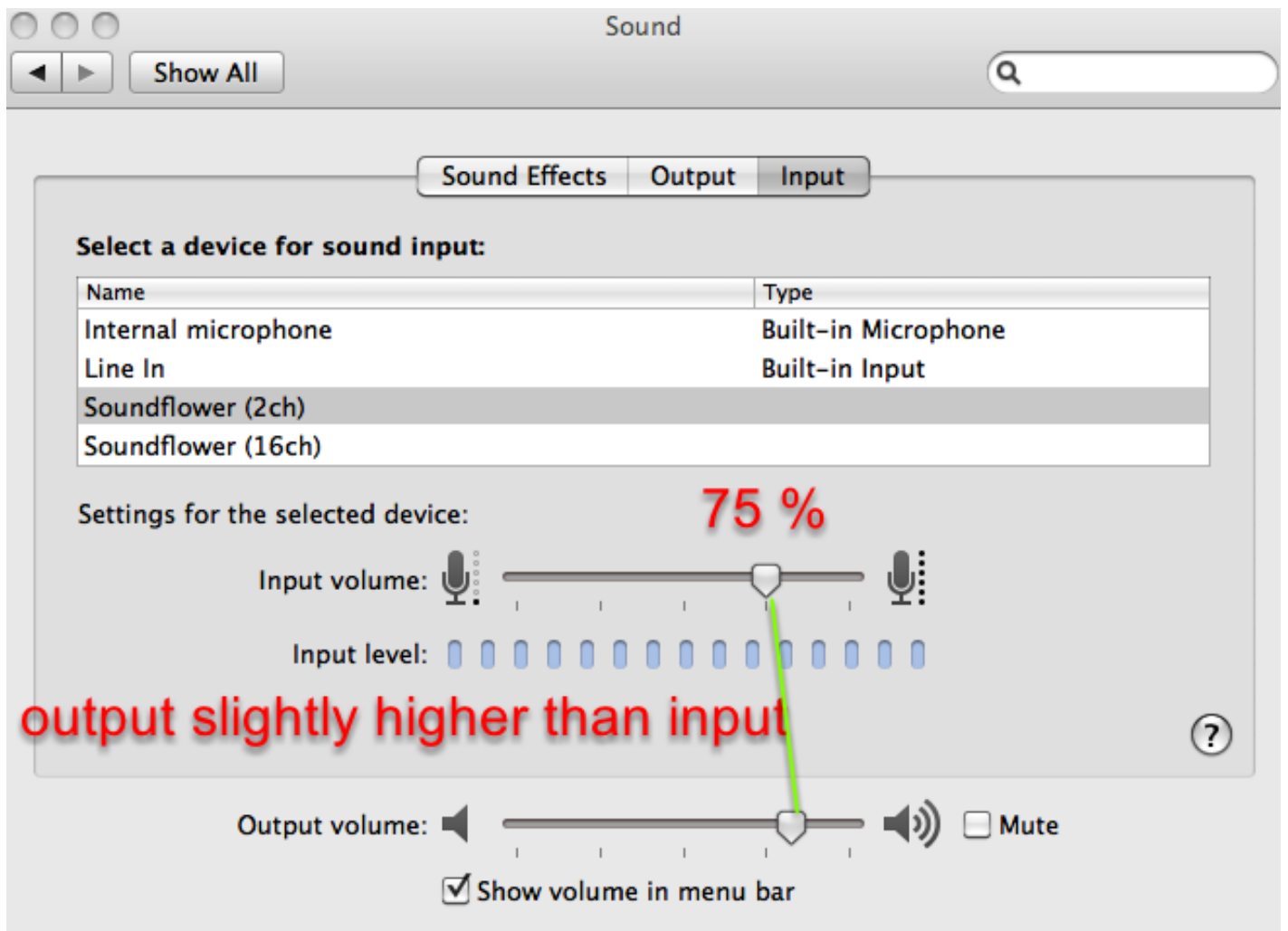
Set your input device to Soundflower (2ch)



Set you output device to Soundflower (2ch)



Set the volume levels in the system preferences



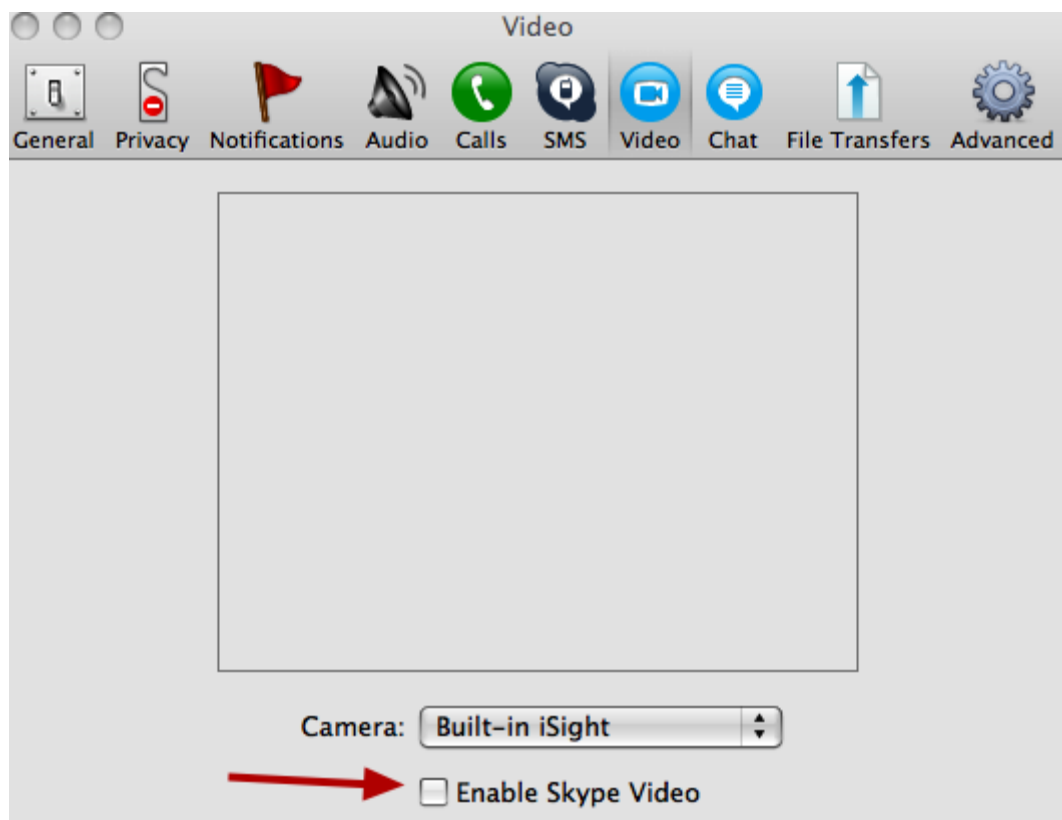
The output level is set slightly higher than the input to prevent hum. You may have to adjust levels to meet your own system requirements.

Set up your Skype Audio Preferences



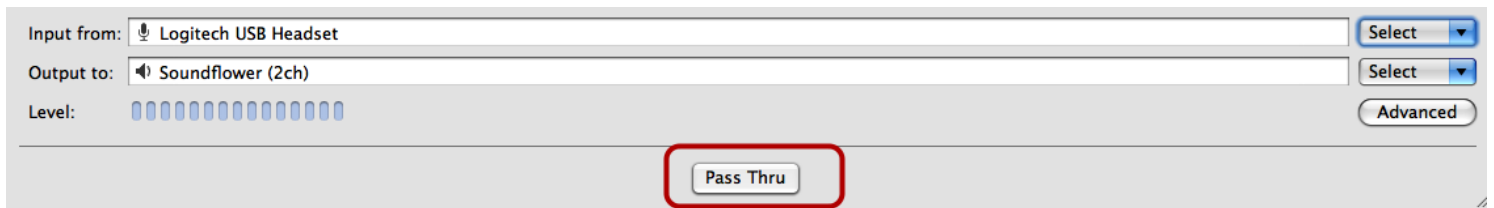
Set the audio input and output as Soundflower(2ch) You can leave the ringing setup as the default setting.

Disable your web camera in the Skype Video setting



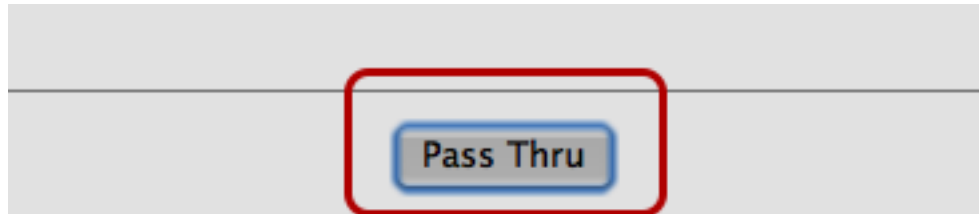
Disable (uncheck) the camera in your Skype preferences. The camera may be used for broadcasting in Ustream.

Set up Linein Settings



Set your input to Headset and output to Soundflower (2ch)

Take note of the Pass Thru setting



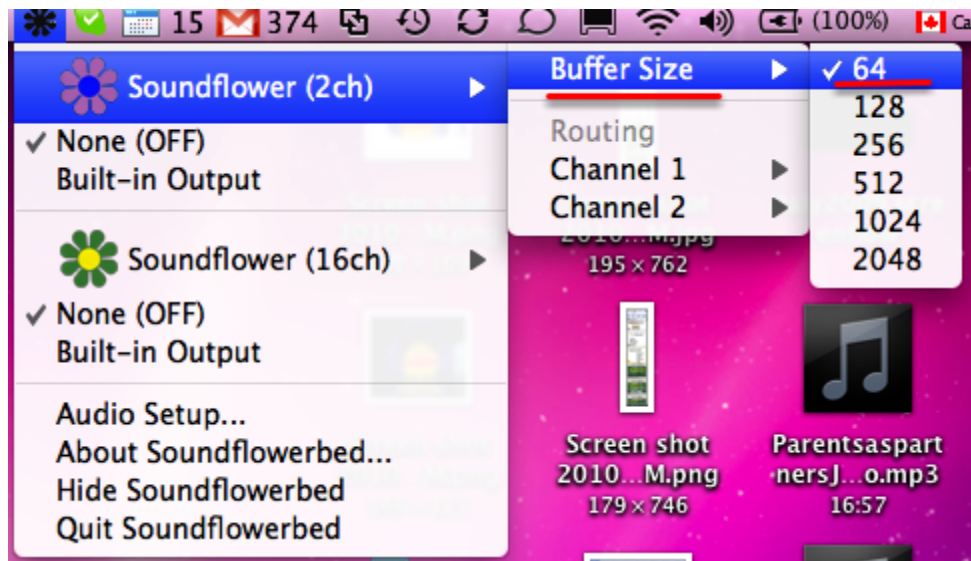
You will be activating this button to channel your audio through your headset and to the Broadcast. When it is unselected you will not be able to hear anything. It is a common mistake to forget to activate Linein by not selecting the Pass Thru button.

Set up Soundflower. Click the black flower on your menu bar to activate the drop down menu



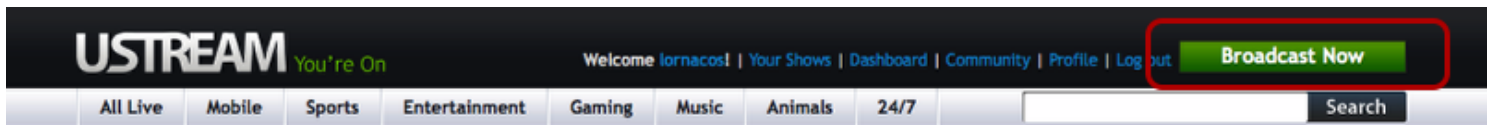
Select your Audio device for Soundflower (2ch). In this case, it is the Logitech USB Headset.

Set up the buffer size



Set the buffer size to 64

Open the "Broadcast Now" window.



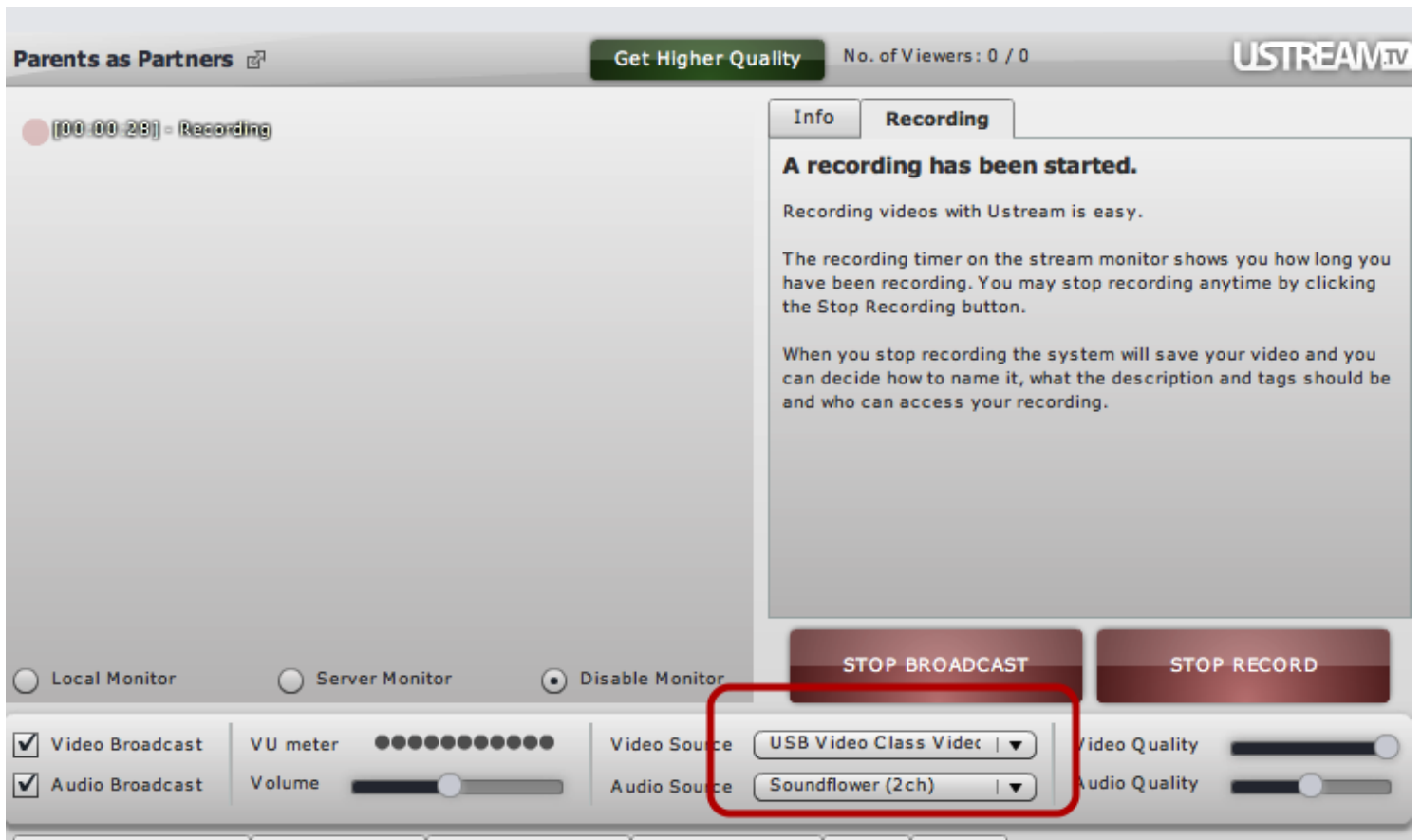
If you have not set up an account with ustream, do so now. Type the name of your show into the "Create New Show" box and click "Create". Once the information is entered, click "Broadcast Now" to start broadcasting.

Allow access to your microphone and camera



A broadcast window will appear and request permission to detect your webcam or camera.

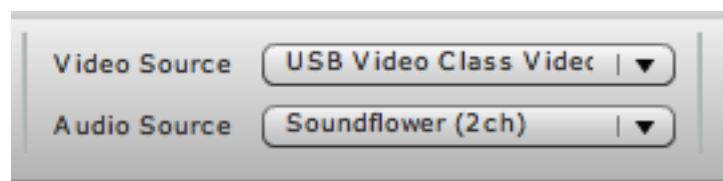
Select your audio and video settings



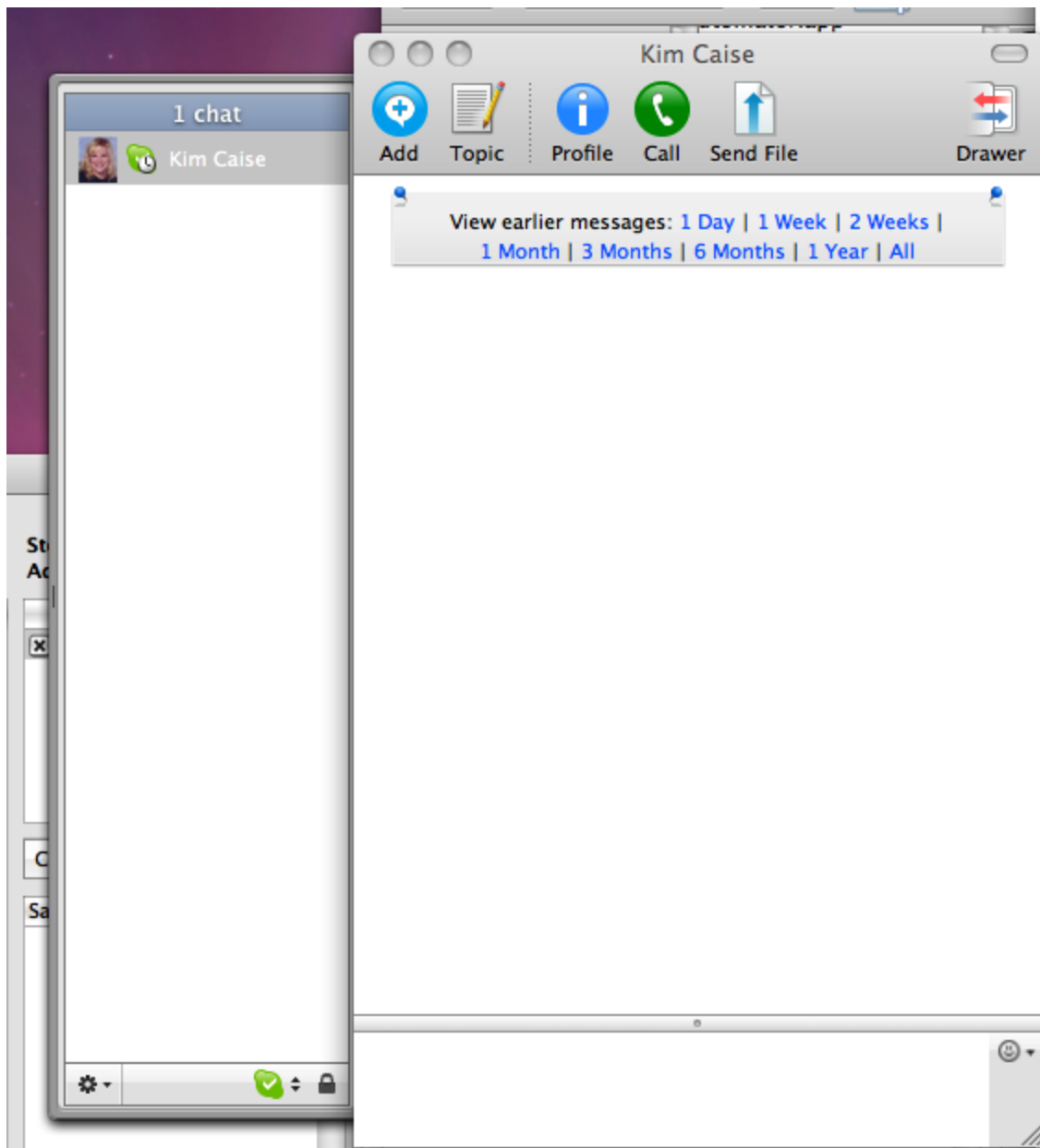
The screenshot shows the UstreamTV control interface. At the top, it says "Parents as Partners" and "Get Higher Quality". The "Recording" tab is active, displaying a message: "A recording has been started. Recording videos with Ustream is easy. The recording timer on the stream monitor shows you how long you have been recording. You may stop recording anytime by clicking the Stop Recording button. When you stop recording the system will save your video and you can decide how to name it, what the description and tags should be and who can access your recording." Below the message are "STOP BROADCAST" and "STOP RECORD" buttons. At the bottom, there are controls for "Local Monitor", "Server Monitor", and "Disable Monitor". There are also checkboxes for "Video Broadcast" and "Audio Broadcast", a "VU meter", a "Volume" slider, and dropdown menus for "Video Source" (set to "USB Video Class Videc") and "Audio Source" (set to "Soundflower (2ch)"). Sliders for "Video Quality" and "Audio Quality" are also visible.

Video source is set as your web camera. In this case with the USB built in iSight the source is USB video, Audio Source is Soundflower 2(ch)

Select your web camera as the video device as your web camera driver and soundflower (2ch) for your audio device



Initiate a Skype call



Make sure that the Linein setting for Pass thru is activated

Start the Broadcast. Start the recording

The screenshot displays the Ustream TV control interface. At the top left, the channel name "Parents as Partners" is shown with a share icon. A green button labeled "Get Higher Quality" is next to it. The viewer count "No. of Viewers: 0 / 0" is displayed on the right, along with the "USTREAM.TV" logo.

A red recording indicator shows a timer at "[00:00:28] - Recording". Below this, there are three radio buttons for monitoring: "Local Monitor", "Server Monitor", and "Disable Monitor" (which is selected).

On the right side, there are two tabs: "Info" and "Recording". The "Recording" tab is active, displaying a message: "A recording has been started." followed by instructions: "Recording videos with Ustream is easy. The recording timer on the stream monitor shows you how long you have been recording. You may stop recording anytime by clicking the Stop Recording button. When you stop recording the system will save your video and you can decide how to name it, what the description and tags should be and who can access your recording."

Below the recording message are two large red buttons: "STOP BROADCAST" and "STOP RECORD".

At the bottom, there are several control panels: "Video Broadcast" and "Audio Broadcast" (both checked), a "VU meter" with a dot indicator, a "Volume" slider, "Video Source" set to "USB Video Class Videc", "Audio Source" set to "Soundflower (2ch)", "Video Quality" slider, and "Audio Quality" slider.

Stop the Recording

The screenshot shows the Ustream control interface. At the top, there's a title bar "Ustream - You're ON - Live Streaming Video". Below it, a text input field contains "What are you broadcasting?". To the right of the input field is a "Twitter" icon. Below the input field, it says "Last update: - 0 minutes ago - clear".

On the left side, there's a "Parents as Partners" link. In the center, there's a "Get Higher Quality" button and "No. of Viewers: 0 / 0". On the right, the "USTREAM TV" logo is visible.

The main content area has two tabs: "Info" and "Recording". The "Recording" tab is active. Under "Recording", there's a "Recording Preview" section. It contains the text: "Your recording can be reviewed on the right." and "You can either save your video on our servers account or delete it". To the right of this text is a video preview window showing a person wearing a headset. Below the preview window, there are three buttons: "Play", "Delete", and "Save". These three buttons are enclosed in a red rectangular box.

At the bottom of the interface, there are several controls. On the left, there are three radio buttons: "Local Monitor", "Server Monitor", and "Disable Monitor". In the center, there are two large buttons: "STOP BROADCAST" (red) and "START RECORD" (green). Below these are checkboxes for "Video Broadcast" and "Audio Broadcast", both of which are checked. To the right of these checkboxes are sliders for "VU meter" and "Volume". Further right are dropdown menus for "Video Source" (set to "USB Video Class Videc") and "Audio Source" (set to "Soundflower (2ch)"). To the far right are sliders for "Video Quality" and "Audio Quality".

At the very bottom, there's a row of buttons: "Advanced Settings", "Text & Videos", "Audience Tools", "Send Twitter", "Poll", "Help", "Social Stream", and "Chat popup".

When you click on stop the recording, you will be given the option to play delete or save your recording. To save your recording, click on save.

Save the recording

Ustream - You're ON - Live Streaming Video

What are you broadcasting?
Last update: - 0 minutes ago - [clear](#) Twitter

Parents as Partners [↗](#) **Get Higher Quality** No. of Viewers: 0 / 0 **USTREAM**

Info **Recording**

Save Recording

All fields must be filled before clicking Save.

Title:
what's the name of video?

Description:
what happend in the video?

Tags:

Private
 Private Cancel Save

Local Monitor Server Monitor Disable Monitor

Video Broadcast VU meter ●●●●●●●●●● Video Source USB Video Class Videc | ▾ Video Quality

Audio Broadcast Volume Audio Source Soundflower (2ch) | ▾ Audio Quality

STOP BROADCAST **START RECORD**

If you want to go beyond talking heads on Ustream, Camtwist allows you to change the virtual video device so that you can broadcast parts of your screen, or broadcast videos previously saved to your computer. This is a great tool that has a lot of potential for conferencing sessions. To play the audio of a movie, playing iTunes or recorded mp3 audio while streaming, use Camtwist and set the "General" preferences as Soundflower (2ch)