LIVESTREAM GUIDE

For a professional looking broadcast follow the steps below to set-up microphones, cameras, and lights to get a broadcast quality live stream setup.

EQUIPMENT SETUP

To begin, log-in to THE Studio Mac Computer with your uNID and Password.

MICROPHONE SETUP

1. There are four microphones available for use in THE Studio:
   a. (2) lapel microphones
   b. (2) shotgun microphones
2. To use the shotgun microphones simply plug-in the XLR cables into the bottom end of the microphone (figure 1)

Figure 1
3. To use the **lapel microphones** simply power on the receiver units (figure 2) and the transmitter/microphone units (figure 3)

![Figure 2](image)

![Figure 3](image)

That’s it! No need to plug any other equipment in or adjust any other equipment.

**CAMERA SETUP**

1. Unplug the USB cable and HDMI cable from the BlackMagic h.264 Pro Recorder (Figure 4)
2. Plug the USB cable and HDMI cable into the Elgato HDMI Capture Device (Figure 5)

![Figure 4](image)

![Figure 5](image)
STREAM SOFTWARE SETUP

1. Navigate to the Applications folder and open “Game Capture HD”
2. If the camera is turned on and all the cables and devices properly plugged in you should see what the camera is seeing in the program. Set-up your camera shot to how you want it to appear for your stream and is most comfortable to you and your guest(s).

3. To begin streaming:
   a. Set the Game Audio to mute (drag slider all the way to the left.)
   b. Select the stream service you want to use and follow the login steps.

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Figure 6

1- Set Game Audio to mute (drag slider all the way to left)
2- Select the stream service you want to use and login
3- Set Bit Rate to 5.00mb/s for 1080p quality
4- Click “Commentary”
5- Select “Scarlett 2i2 USB” for input
6- Press “Record” if you want to record a copy of your stream
7- Click on “Stream” when ready to broadcast!
c. Set the Bit Rate to 5.00mb/s to stream in 1080p quality. The University network should handle this just fine, but if there is streaming interruptions occurring turn it down to a lower bit rate.
d. Click the “Commentary” button so it is illuminated blue.
e. Select “Scarlett 2i2 USB” under the Input dropdown box to use microphones.
f. Press “Record” if you want to record a copy of your stream to a separate file.
g. Click on “Stream” when you are ready to broadcast!

*NOTE: Different streaming platforms will have different ways to set-up live streams. The easiest and most effective way is to get a RTMP:// link and a verification code from the platform you wish to stream to. Most services will provide this information and quick guides to get you started (Figure 7). At this time, Facebook Live does not currently work well with Mac computers and may not broadcast to Facebook Pages properly from this machine.

![Figure 7](image-url)