



LiveTicket.Tv
your Ticket to the Game!

How to add a Camera Shot

1. In Layer 5, Click the Plus Button
2. Select your Pro Capture Card/Decklink Quad HDMI 1, 2, 3, or 4 depending on which HDMI port you have your HDMI Cord plugged into
3. Once the Shot is created, Click on the bottom right corner of your new camera shot or right click on your camera shot, then go to change audio in the menu that shows up, then in the change audio menu, uncheck the Pro Capture Card Option to Turn Off the Camera Mic.

How to add your Microphones/Headsets to Wirecast.

1. Go to your Scroller in Layer 2
2. Right Click on your Scroller in Layer 2
3. Go to Change Audio
4. Select your Microphone (USB PnP Audio Device) option
 - a. Only have the Microphone (USB PnP Audio Device) option selected and not a Pro Capture Card/Decklink Quad 1,2,3,4 option.
 - i. You do not want camera audio when you are announcing.
5. Click on your Scroller in Layer 2
6. Press your Spacebar

How to add your Camera Microphones to Wirecast

1. Go to your Scroller in Layer 2
2. Right Click on your Scroller in Layer 2
3. Go to Change Audio
4. Select your Pro Capture Card/Decklink Quad 1,2,3,4 option depending on which HDMI port you have your camera plugged into
 - a. Make sure your Microphone (USB PnP Audio Device) option is not selected
5. Click on your Scroller in Layer 2
6. Press your Spacebar

How to adjust your Camera Exposure/Lighting (Small Canon Cameras Only)

1. Go to your camera physically
2. On the camera screen touch the icon in the bottom right corner
3. In that menu scroll down to Exposure
4. Touch in the middle of the box on screen
5. You will now have a bar on the bottom of the camera screen you can use to brighten or darken your camera lighting.
 - a. Touch in the middle of the camera screen if you ever max out at 3.0+ and it will readjust the lighting settings and you will be allowed to adjust your lighting again.

How to adjust your Camera Exposure/Lighting (Big Canon Cameras Only)

1. You will first need to make sure your camera is in Manual mode.
 - a. The slider to do this is on top of your camera and to the left of your zoom trigger.
2. Once it is in manual mode, click on the icon in the bottom left corner of your camera screen.
3. Select Exposure Comp in the menu and tap in the middle of the screen.
4. Now you can move your slider accordingly to adjust your exposure and brightness.

Camera Shutter Speed (Sony Cameras Only)

1. On your camera click the button on the left side of the physical camera screen.
2. Go to Camera/Mic
3. Find Shutter Speed and set that to 50
 - a. **Important**, if you do not do this when there is movement there will be lines in the video.

Checking your Internet Speed.

1. Go to Speedtest.net
2. Hit Go
3. Your Internet Upload Speed needs to be at least 9-15 mbps in order for a quality stream.

Setting your Output Settings based on your Internet Speed

1. Take your numbers from the internet speed test and look at the list below.
 - a. If your upload speed is 9-15 or above use the "Use Me" option in your output settings. This is a 1080p 60 fps (6.8 MBPS) stream and is the highest quality you can get on YouTube at the minute.
 - i. On old units (Wirecast Gear or if you have the Tall Black computer case)
If your Upload Speed is 7-12 Mbps or more use, 1080p30 (4.5 Mbps)
x264
 - b. If your Upload Speed is 4-6 Mbps use 720p30 (2 Mbps) x264
 - c. If your Upload Speed is 2-4 Mbps use 720p30 (1.25 Mbps) x264
 - d. If your Upload Speed is 1-2 Mbps use 480p30 (1 Mbps) x264
 - e. If your Upload Speed is below 1, you will have a tough time streaming but you can try 360p30 (.75 Mbps)
 - i. Note this last setting will not look very good at all, but it is better than nothing.

- ii. For the 720p, 480p, and 360p options you will get a message pop up that says your Canvas Size does not match the output size. Click Match Preset Size if you do not then the video will not look right on YouTube.
2. Go to Output and Output Settings in Wirecast
3. Go to the drop down box that says encoding next to it and select the option that best suits the Upload Speed you have.