

## Resources

### **Audio**

USB Microphones comes in a variety of shapes, sizes and price points. With microphones, it really is true that you get what you pay for. Investing in a good microphone is the first step to improving your production output.

Recommended: Audio Technica AT 2020 SUB plus, Cardioid Condenser if you can find stock.

<https://www.audio-technica.com/en-ca/at2020>

If you can't find one, look for the ATR2500x-USB which is a great mic, and cheaper

<https://www.audio-technica.com/en-ca/atr2500x-usb>

### **Non USB microphones:**

These are professional microphones, and to get these mics into your computer you need a Digital to Analog Converter (DAC). You can run any number of these 'real' mics into a mixer to really improve your sound, taking in sources like other audio (music for instance) and MC's mic, and a room mic etc.

Choices really depend on your application. Consult with a sales pro about your needs and they'll make recommendations.

### **Wireless:**

These are mics that transmit a wireless signal back to your camera or mixer. They're great when you are at a distance from your subject or there's movement. Good ones are expensive. There are a few wireless sets that were developed for the DSLR videographer market, generally they're 500.00 to 1,000.00 for the transmitter-receiver pair.

### **Digital to Analog Converter, DAC**

These allow you to bring your analog sources (microphones, other audio sources like music) into the computer. They can have any number of inputs, but typically consumer devices have 2 inputs, one for a mic and one for a line source (like a music player or instrument)

Zoom (not the video software, but the audio manufacturer) make one, the Scarlet Red is a favourite for podcasters and desktop producers. A step-up to this is the Apollo Twin. All these are small and portable and connect to your computer via usb or thunderbolt depending on the model.

### **Lighting:**

Lighting kits are numerous and surprisingly cheap. LED solutions have made these kits lighter and less prone to breakage. Typical kits have 3 lights, and come in a road case. You can adjust colour and lighting intensity on most of them. If you need to work remotely and power them by battery, there are solutions for that as well.

### **Switching**

Software switching OBS and Wirecast.

OBS <https://obsproject.com/>

Wirecast <https://www.telestream.net/wirecast/overview.htm>

### **Hardware to bring pro-cameras into your computer like a webcam:**

BlackMagic Design web presenter:

2 cameras, built in simple switcher, small form factor. 500.00 USD

<https://www.blackmagicdesign.com/products/blackmagicwebpresenter>

BlackMagic Design, ATEM mini

4 cameras, built in multi-function switcher, small and portable, can also use their more robust software switching that comes free with the device. 3 models, start at 295.00 USD

<https://www.blackmagicdesign.com/products/atemmini>

### **Multi-guest (multi-source) streaming:**

Zoom <https://zoom.us>

Crowdcast <https://www.crowdcast.io/discover>

Vimeo Live Streaming <https://vimeo.com/features/livestreaming>

### **Speeds for streaming;**

<https://support.zoom.us/hc/en-us/articles/201362023-System-requirements-for-Windows-macOS-and-Linux>

<https://restream.io/blog/what-is-a-good-upload-speed-for-streaming/>

Test your speed:

<https://speedtest.net>

## **Local suppliers**

Leo's cameras often have good used equipment, or gear that used to be rental, for sale at good prices.

**You can also find rental houses if you want to try some equipment before buying. A lot of videographers and creators only rent, giving them the option of using different equipment for different situations.**

## **Audio:**

Long and McQuade

Various locations

<https://www.long-mcquade.com/>

Trew Audio

Burnaby

<https://www.trewaudio.com/company/branch-hours/>

3737 Napier St, Burnaby, BC V5C 4Z5

## **Mixers:**

Mackie mixers are robust, a favourite in the audio industry for their road worthiness

<https://mackie.com/>

Behringer, a large line of gear, very reasonably priced:

<https://www.behringer.com/>

**Lights:**

Almost any camera store.

**Video and Audio:**

Annex Pro on Venables in east Vancouver

<https://annexpro.com/>

Sarah Krahn

Inside Sales Representative

800 682 6639 x105

[www.annexpro.com](http://www.annexpro.com)