

Audio Gear Guide: Required Equipment & Software

To fully participate in this course, the following equipment & software is needed. **All equipment shown here is available for students to check out from Digital Media.** Our lab tech is Leo Marquez. You can reserve equipment using our [booking site](#). An active Equipment Checkout form (complete this in your DMedia Canvas module) must be on file. Assignments will involve the use of the following equipment, again all of which are available for checkout.

- Computer (with proper system requirements to run [Adobe Audition](#))
- Adobe Audition Software (you will be given access to an account through your enrollment in this program if you do not already have one)
- Audio Recording Device (refer to list on next page)
- Headphones
- Microphone

Computer

All participants must have a computer or laptop for use during this course. Your computer must meet the minimum technical specifications outlined on the [Adobe Audition help page](#). If you do not have access to a computer with proper specifications, you can check out a Macbook Pro or Thinkpad from our studio on a per need basis.

Adobe Audition Software

As a student enrolled in our Digital Media program you will have access to an Adobe Cloud CC account for free for the duration of your time in our program. You will be given instructions on how



to create your account via Canvas. If you already have an account you may continue to use your own Adobe Cloud CC account.

Audio Recording Device

You have a choice of several options to record audio during the course.

A smartphone such as an iPhone or Android with a recording app

If you choose to use your smartphone as a recording device we recommend the apps below. However, we highly recommend that you do not use your phone and that you check out the needed equipment from us to use for your assignments.

Voice- recording Apps

[Easy Voice Recorder for Android.](#)

[Voice Record Pro for IOS.](#)

Zoom or Audio Interface

A-**Zoom H6** or Scarlett 2i2 Interface are both available for checkout to you during the course. The Zoom H6 is a 4 input portable audio recorder with an SD card slot and runs on 4 AA batteries, it also comes with two interchangeable mics with different pick-up patterns. You may watch our [tutorial video here](#).

The **Scarlett 2i2 Audio Interface** has a USB connection to connect to a computer. It has 2 inputs and can provide phantom power (48v) if using a condenser microphone. Comes as a kit with 1 XLR cable, 1 Condenser Microphone, and Headphones.



Headphones

We suggest you use headphones when you are previewing a recording. Of course, high-quality stereo over the ear headphones is recommended as opposed to earbuds as you will hear more and be able to edit more professionally with over the ear headphones. We do have headphones available for checkout if absolutely needed, however, we recommend you use your own.

Microphone

A microphone is required for this course. The Zoom H6 as mentioned before works as both a recording device that does have microphones attached. However, we highly suggest the following as other options which again are available to checkout.

VidPro Lav Mic

3.5mm connector Lavalier Mic can be plugged into any computer or smartphone with a headphone jack. Great for interviews or simple self recordings.



Fifine USB Mic

USB connection into a computer. Plug and play easy setup and great for podcasting.



Yeti USB Mic

Only one is available for checkout but it is a great podcasting mic. USB connection into a computer, easy to use.

AT2020 USB Mic

Another great easy to use USB connection mic, great for podcasting.



Note: It might seem like all jacks/plugs are the same, but there are at least four different varieties of 3.5 mm plugs and jacks—each with its own purpose and application. You can tell them apart using the number of rings visible on the plug. The Zoom H1n recorder takes an input plug with two rings. Most microphones made for smartphone use come with a plug that has three rings or an adaptor. Check carefully when choosing the microphone for your model smartphone.

Quick Cables Guide:

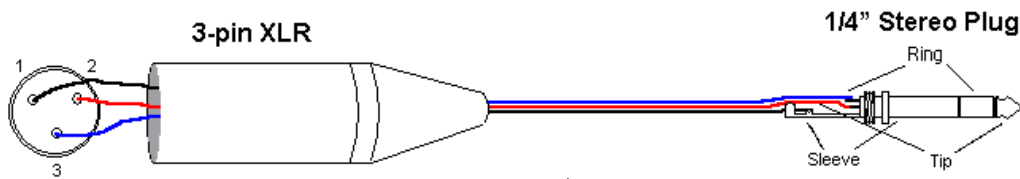
XLR Cable - Standard for professional audio. Has a balanced signal, which is made in male (output) and female (input).

Male:



Female:





TS or TRS or 1/4" Cable - used for balanced audio lines, or depending upon the equipment, for stereo sound. The 1/4-inch connectors are very common on musical instruments (especially guitars), and other staging devices such as effects pedals, mixing consoles, speakers, and amplifiers.

3.5mm (Headphone Jack) - commonly called a 1/8-inch connector or a mini-plug. This connector is a small, thin metal plug that can be used to carry one, two, or even three signals.



Many equipment and software tutorials can be found here:

<https://www.kwdc.fm/rtv-equipment-list>

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