

# TLC's EdMedia

## Audio & Video Software/Hardware Guide

### VIDEO HARDWARE

#### PRO:

- DSLR (Digital Camera) eg: [Panasonic GH4](#)

A camera like this is great for its lightweight versatility and ability to function as both a high definition video camera and a powerful still image photographic camera. Can use exchangeable lenses.
- Professional Video Camera eg: [Sony PMW 200](#)

A designated video camera has all the bells and whistles needed for a professional looking video project. Larger than a DSLR, it has multiple microphone inputs and a wide range of customizable features.

#### CONSUMER:

- Mobile Device eg: iPhone, Android, tablet  
We have these with us all the time and they can be very useful for quick recordings. Most can now record in HD, just make sure not to move around too much to avoid the jittery handheld effect. Also be aware AUDIO quality may be an issue.
- Digital HandyCam eg: [Sony HandyCam](#)

These cameras have come a long way. Affordable, small and portable they all record in HD and are very easy to use and can be mounted on a tripod. Again, you might want to consider one that has a mic input (1/8" AKA mini jack) and not rely solely on the built in microphone.
- Webcam eg: [Logitech](#)

Most newer webcams record in HD at 720p or 1080p (recommended resolution for HD video). Super easy to use they are most often USB and plug directly into your computer. Perfect for recording yourself at your desk.
- [ZOOM Q2](#)

This is a VERY useful camera as it also combines HD video recording with ZOOM microphone technology. Small, easy to use it is a very versatile Audio Video recorder. Its limitations are in it has a small camera with limited zoom. Very good for interviews, or for in-the-field recordings.

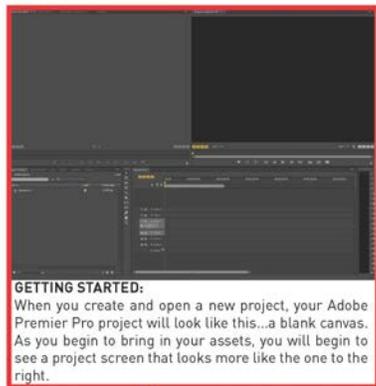
Ask the EdMedia team for more info as we have some for loan.

# VIDEO SOFTWARE

## PRO:

- Adobe Creative Suite eg: **Premiere Pro**, After Effects etc.

The Adobe Creative Suite is a full range of media creation and production tools. They are very powerful professional tools and can have a steep learning curve at the beginning. As a resource I have created a "HOW TO USE" document for Premiere Pro that breaks it down and makes it easy to use. Have a look if you think this is where you want to be as a media creator. Also native in the suite are Photoshop, Illustrator and InDesign.



### Adobe Premier Pro TOOL Cheat Sheet #1:

The basics of where things are in your Premier Pro Project.

#### SOURCE PANE:

This is the video pane that shows your original source video, or the clip you are looking at from either your asset bin or the timeline. (If you double click the clip). Here is where you can set "in" and "out" point too.

#### PROGRAM PANE:

This is where you view what is in your timeline as you build your sequence.

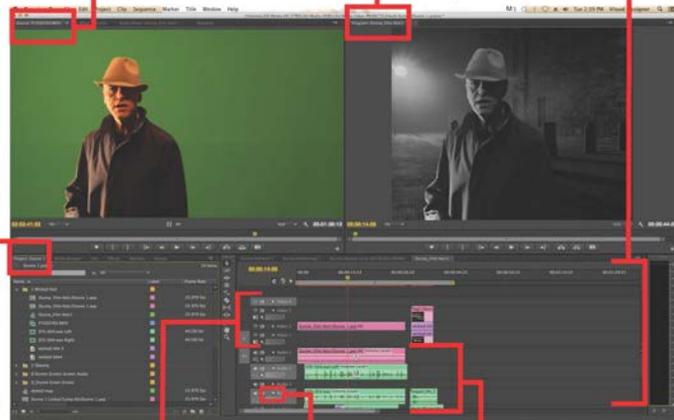
#### TIMELINE:

This is where you drag and drop your media to actually build a sequence.

#### PROJECT ASSET PANE:

This is where you amass your assets. Video clips, images, audio clips, sound fx etc. From here you can open them in your SOURCE PANE to view or drag directly into your timeline.

A good idea is to make BINS to store similar file types. This is also where you will see your sequences and titles, every kind of asset you bring into your project to use.



#### VIDEO TRACKS:

Where you drop your video or image files. Titles also go here, and they would sit on a "track" above the clip you want them to be over.

#### AUDIO TRACKS:

These are your audio tracks, where audio clips(attached to video), music and sound fx are dropped.

NOTE: The top track always "covers" the lower tracks, unless you do something with the opacity.

Using the dropdown arrow on the left, you can "expand" the track to see waveforms.

## CONSUMER:

- **iMovie (MAC)**  
Originally a native editing system for home Mac computers now, this user-beginner friendly editing program is available for all iOS devices like iPhones and iPads.
- **Windows Movie Maker (PC)**  
A simple and easy to-use video editing program for PC computers and tablets.
- **Camtasia**  
Increasingly people are trying, and using Camtasia for a variety of different tasks. While being one of the more popular *screen-capture* programs out there, it also allows for video editing, the importing of slides or images and hosts a variety of transitions, effects and allows for adding music etc to your video creations.

## AUDIO HARDWARE

### PRO:

- **Microphones:**  
There are too many microphone types and uses to cover here in depth. Common types are: [shotgun](#) and [lapel \(lavalier\)](#), [ZOOM H4N](#)

### CONSUMER:

- We covered a few of these types in the Audio module.  
RECAP: [USB microphone](#), mobile device.

## AUDIO SOFTWARE

### PRO:

- **Pro Tools, Adobe Audition**  
Both of these professional audio editing and recording programs are powerful but also require a fair commitment to learn. But if sound is our bag, these are top of the line.

### CONSUMER:

- **GarageBand**  
Free for Mac users, GarageBand is a great tool for recording, editing, mixing and manipulating audio. Fairly easy to use there are plenty of tutorial videos online. A definite go to!

- **Audacity**

A free, cross platform (Mac & PC) multi-track audio editor and recorder, this is a perfect option if GarageBand is not your thing.