
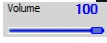


Things to be aware of (Laptop Lane 2013)

1. How to adjust volume on laptop
 - a. Speaker Volume on the lower Right side 
 - b. Setting on program (IE SQView) 
 - c. Adjust MP3 Volume with audio editing software (IE Audacity)
<http://audacity.sourceforge.net/download/>
 - d. External inline audio attenuator.
2. How to turn off internet
 - a. Best is to remove the drivers for the network cards.
 - b. OK would be right click the network icon in the system tray open "open network and sharing center. Click on the network and choose disable.
 - c. Go to device manager, go to network adapters
(here you can turn off the wireless card and ethernet card for good)
3. Operating system Xp, Vista, 7 and now 8 what are the differences and down falls for our purpose
 - a. Windows 7 and above are less happy about services being disabled.
 - b. Windows 7 and 8 need to have Aero disabled as well as Gadgets etc, these eat resources and slow the boot time.
 - c. Disable devices allows all operating systems to work normally. If devices are turned off Windows may try to reinstall the device. If devices are uninstalled Windows WILL reinstall them.
4. What causes Laptop Failures
 - a. Virus
 - b. Malware
 - c. Program changes (new incompatibilities, updates, missing files)
 - d. Battery failure (not plugged in)
 - e. Hardware failure (Drive failure, Board Failure, etc)
5. What causes Slow Laptop
 - a. Excess "baggage" Programs.
 - b. Update attempts
 - c. Make sure not to have any tool bars installed. (Bing,Yahoo,Google etc.)
 - d. Keep out programs that run during start up use ram resources which causes boot up slow down and only provide information to the manufacture that you are using their product.
Some of these are Aol,Java,Apple, I Tunes.
6. Common Laptop abuses
7. How to know the laptop is on battery
 - a. Screen Dim can be set up by using the function key and the key that looks like a sun with an up and down arrow. While on A/C make the brightness as bright as you want to use it. Then unplug and change the brightness as dim as you can stand.
Then when the plug gets pulled out during a dance, you might notice the dimness of the monitor and correct the problem before the laptop dies.
 - b. In the power options there are programs to run when down to a threshold of battery left.

Line Level vs. Microphone Level signal.

Hilton Turn Tables and MA150's expect a Microphone Line level signal. This is to say they expect to be doing all of the work in amplification. My experience has been that they are most happy and do the best job with the volume coming into them as low as possible. Higher input line levels cause distortion by over driving the preamp.

Other amplifiers use Line level inputs and expect the type of power going to a speaker, they disconnect the signal electronically from the power and use that. These can handle stronger signals without introducing distortion.