

## **Glossary and Extra Resources**

- **Frequency**- the rate at which a wave is repeated in a specified amount
- **Hertz**- the unit of measure for frequency. 1 Hertz(Hz) is one wave cycle per second
- **Overtone**- a tone apart of the harmonic series found above the fundamental
- **Harmonics**- an overtone accompanying a fundamental tone at a fixed interval, meaning it is an integer multiple of the fundamental. Multiple harmonics is called a harmonic series
- **Fundamental Frequency(Tone)**- the lowest frequency resonated
- **Decibel**- the unit used to describe sound loudness
- **How does Frame Size affect spectrogram?** - in a simple aspect, changing frame size affects spectrogram resolution

***Click here to learn more about Spectrograms and Frequency Response***

- <https://www.izotope.com/en/learn/understanding-spectrograms.html>

***Understand more about Frame Size and its effects!***

- <http://www.avisoft.com/tutorials/selecting-appropriate-spectrogram-parameters/>

***Learn the differences between each Decibel Weighting***

- <https://pulsarinstruments.com/en/post/understanding-a-c-z-noise-frequency-weightings>