Audio Format Superiority: Manufacturing Pretentiousness?



Defining the properties of analogue and digital formats and processing in music, identifying their desirable characteristics.

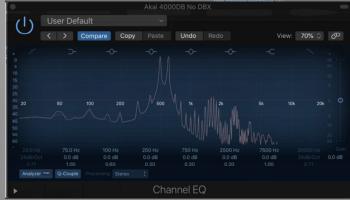
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of recording and consumption took over as the more practical alternative. However, a new wave of self-proclaimed vintage audio afficianados have caused the resurgence of analogue media such as recording equipment, as well as the public opinion of changing Much appeal for analogue formats depend on the aesthetic quaities the aesthetic appeal towards analogue media, and where digital recreation of analogue artefacts can far improve the practicality, whilst maintaining the audible quality of analogue media.

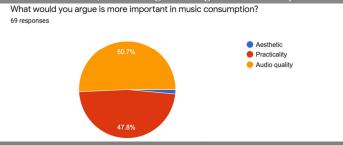
to highlight a multitude of factors and popular consumption methods. The initial intention was to utilise the public's perception of audio in listening tests to assess their ability to recreation and its level of expectation to replicate the desired analogue sound.

Method

- Creating digital test tones to measure differing aspects of the varying frequency, inharmonic tones, square tones, and sine distortion of the signal. (Zölzer, 2002) These artefacts were intended to be replicated using high sample rate and bit depth, and digital plugins such as EQ manipulation, tape saturation,
- The subjective preconception employs the use of an online survey comprised of 19 questions, used to detail popular opinion of varying formats, as well as the hierarchy of importance regarding qualititive, practical and aesthetical aspects of audio.



Though expected, the intermodulation distortion response of



The online survey results provided some worthy statistics to as clear in identifying the aesthetic perspective. This did, perception of audio and disregard any digital alternative.

Conclusion

subjective listening tests could have been critical in displaying the becoming a valid consumer option in future trends. Regardless, an intriguing yet subjective topic open to interpretation has somewhat displayed the effect of a biased opinion.

- zölzer, U., 2002. DAFX Digital Audio Effects. John Wiley & Sons, pp.127 153. Savage, M., 2017. UK Vinyl Sales Reach 25-Year High. [online] BBC News. Available at: https://www.bbc.co.uk/news/entertainment-arts-38487837> [Accessed 9 March 2020]