

As can be seen, MP3 files are still the most popular format today because of the age and habits of users. In particular, using MP3 you can share on music sites easily without worrying about DRM (Digital rights management) copyright management. In case you want to store with Mp3 files, it is best to choose Mp3 320kbps because the capacity is not much higher.

Advantages

Defect

1. Popular.
2. Has a small capacity.
3. Compatible with most devices from personal computers, Mac computers, Android, iPhone, smartTV or any other electronic devices.

1. Messy quality.

AAC:

Many people are often confused between AAC and M4a, M4a is actually a child of AAC. Launched with the aim of improving sound quality better than Mp3 at the same sample rate, while ensuring digital music copyright issues, AAC has officially replaced the MP3 format.

Advantages

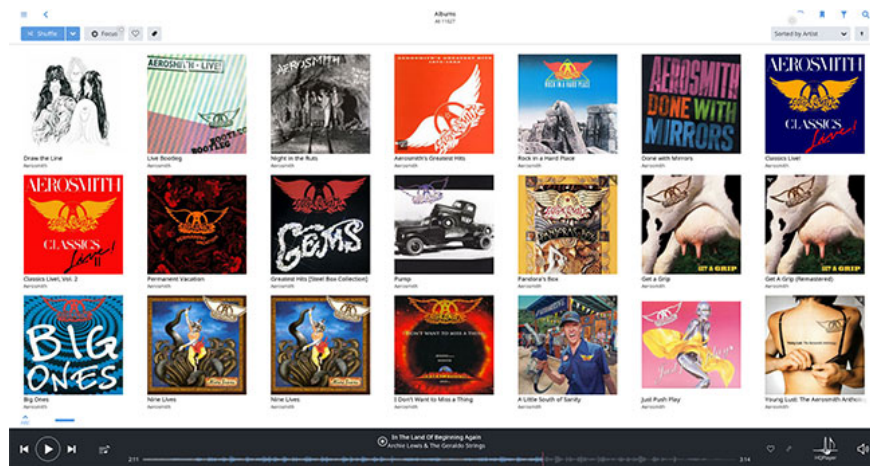
Defect

1. Sound quality is better than Mp3.
2. Can be managed by DRM.
3. Supports up to 48 audio channels.

1. Not popular with MP3.
2. Difficult to share because of encryption.

2. Lossless

There are two concepts we need to mention when talking about Lossless which is Compressed (Uncompressed compressed file format) and Uncompressed (Standard uncompressed file format).



Lossless Uncompressed : These files are quite large, it includes WAV and AIFF

WAV:

This is a file format developed by Microsoft and it is associated with Windows, so WAV is more popular than AIFF.

Advantages

Defect

1. Popular.
 2. Supported by many devices.
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1. Difficulty in adding tags.

AIFF:

Developed by Apple, AIFF files are becoming more and more popular thanks to the large number of Apple users, especially supporting add tags to help people manage information clearly.

Advantages

Defect

1. There are tags that are easy to manage.
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1. Not popular with WAV.

Lossless Compressed : Lossless files of this type are lightweight and of good quality, including: Flac, APE, ALAC. Currently APE is getting fewer and fewer users so here we will learn about Flac and ALAC.

FLAC:

When it comes to Lossless music, people often remember FLAC format, which proves that it is very popular. If you have many different devices, the advice is to store FLAC instead of AIFF.

Advantages

Defect

1. Popular.
2. Support error checking.
3. Smaller capacity than AIFF

1. No DRM support.

ALAC:

Some users score higher ALAC than FLAC, but it's really hard to distinguish which one sounds better. However, if you are a devotee of the Apple house, then using ALAC is probably the most reasonable choice.

Advantages

Defect

1. DRM support.
2. Good use with Apple devices.

1. Not compatible with some devices.
2. No built-in error checking capability.

3. So what is the right choice?

Depending on your needs, please choose a suitable format. According to the experience of many people sharing, with lossy files you should choose AAC instead of Mp3. For lossless files, if you own Apple devices, you should prioritize AIFF and ALAC. Ideally, you should switch back to a format to help you lose the conversion, add a lot of tags to easily manage your library.

If you often listen to music by phone, M4a is a reasonable choice, of course if the sound quality is first, then every file is best to choose it.

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