Important Factors to Note on the Impact of MP3 Players

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Article published on March 24th 2012 | Technology

Digital media such as audio, video, images and documents needs a device for encoding and offering playback. MP3 players have this capability. They are referred to as audio players yet they can also support other formats. The players have been integrated in mobile phones, tablets and digital cameras replacing them.

Kane Kramer, a Briton, was the first person to produce an audio player. This player played for approximately 3.5 minutes. It did not venture in to the market because was not produced for commercial purposes. In 1997 the first MP3 player was developed that had support for synchronization. One uploaded the songs to a personal PC and downloaded it back to the player. Only 25 of them were made.

Later, an information center named Saehan developed a player that had 32 MB of memory. It was a great achievement but this was taken over as years passed by. Archos jukebox of 2002 was the most improved player with 3.8 inches screen and about 20 GB of storage memory. The power of mobile phones is through the extension of the players to them.

These devices are categorized by their storage media type. Flash based players contain a solid state memory that exists in the form of memory card or flash disk that is inserted into is for playing. The memory card can be up to 64 gigabytes. They have several advantages such as low power consumption and are not known to skip when they are playing. Other category is based on the hard drives. They have huge capacities of up to around 500 gigabytes. Classification according to MP3 CD/DVD is another. They are portable and have capabilities of reading optical disks.

Playback may be considered by many as the only feature of MP3 player even from its name. This is only one of the capabilities of the player. It can support many audio formats MP3, ACC, OGG. Image viewing is another with support of several formats i. E., JPEG, GIF, PNG and TIFF. Video playback is the other mostly in the latest portable devices with support of MPEG-4 video format, WMV and AVI.

The other feature it is recording. Many of the portable devices have a recording electric microphone. The recorded files by these gadgets are mostly of lower quality. Many of them also have been incorporated by radio tuners. They are able to tune the band ranging from the normal frequencies of 87.5 to 108.0 MHz.

During recording, inbuilt software codecs transform the sound into digital formats like MP3. There is also an aspect of hardware trans-coding using the inbuilt processor. During playback, the reverse of the process is performed to enable listening to. The ability to record ultra-clear sound using these small devices is a very great technological advancement considering that around a decade ago the only way one could record sound was using typical huge microphones or video recorders using tapes.

Many have attacked MP3 Players with the controversies that they tend to encourage pirating of music copyrights. Health wise, it has been proved that with intensive listening for many houses and at a loud sound may lead to hearing damaging. Nevertheless, it is a little difficult to convince people that the demerits of the MP3 player are more than merits.

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Article Keywords:
MP3 Players

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