

## **Music From CD To iPOD by Virginia Mauldin**

(If you have any questions, email me at [Vadee2@aol.com](mailto:Vadee2@aol.com) or call me at 205-7492. )

You want to load your iPOD with music from a CD? There are several items to understand here. You do NOT need a special program.

1. IPod may ONLY be loaded from iTUNES player. Go to [apple.com](http://apple.com) and click on iTUNES and iPOD and download it free. It is easier to use in all respects than Media Player which you CANNOT use to sync iPOD.
2. One can sync music (or other files) from iTUNES to iPOD in many formats, AAC (the default format used by Apple one and which is the industry standard except for Microsoft), MP3, and others that are probably not of interest to most people.
3. MP3, is the "poorest quality" of all the modern audio formats, but because it had such a "head of steam" it is used by most individuals (no commercial user uses Mp3) so all the devices pay the patent holder so we can use it free. Bottom line, almost no one can hear the difference in different formats since human ears are so "poor" . Since everyone uses MP3 it is the most convenient and most versatile since Apple rules the music world and Microsoft rules the computer world. Apple will accept and convert the Microsoft proprietary format WMA but Microsoft completely ignores the industry standard and Apple standard, AAC. So you do NOT have to have music in Mp3 to put it on your IPOD but it is probably the most practical choice.
4. iTunes and iPOD will by default encode in AAC. You can change that so your CD is imported into iTUNES in MP3 by opening iTUNES and changing the import setting.

### **Putting CD music into your iTUNES in MP3**

Open iTUNES, select the GENERAL tab. click on EDIT at the top then PREFERENCES at the bottom. Look in the middle of the page to "when you insert a CD" and click on IMPORT SETTINGS. At the top choose "MP3" and choose HIGH QUALITY setting since computers have such capacity now. If you have a tiny capacity iPOD, maybe rethink the quality for less space but I doubt that is necessary.

Note: If you already have the CD music imported and want to change it from another format to Mp3 (no need to do that to import into iPOD) you can right click on any song in the library and choose the conversion (it will create another file in the new format, while keeping the original) or create a playlist on the left, drag all the songs you want to convert, then right click on the playlist and convert the whole thing.

You might want to convert previously imported music that is not in Mp3 if you want to create a Mp3 CD with up to 200 songs to give to a friend or to play in a car or other stereo that plays Mp3. NO players other than iPOD and other small players play AAC or WMA. There is just no commercial need to build such devices.

You CANNOT burn a CD except in "Audio" or Mp3 but the whole CD must be in the same format.

Again, you do NOT have to have files in Mp3 to sync to iPod. You can have a mixture of formats and it will be invisible to you.

However, as I said, there is **no need to have music in MP3 to sync to the iPod**. The default setting, AAC(advanced audio coding) is smaller and "better" but you probably can't hear any difference with your human ears. However if you want to use a song in the iTunes library in a Microsoft program, like PowerPoint or MovieMaker, you would need to convert it to MP3 before importing it into the program.

Mp3 roughly compares with jpeg for pictures since mp3 is really mpeg3 or Motion Pictures Experts Group level 1 audio format 3. mpeg level 3 and 4 are AAC and WMA (roughly compares with AAC but is used only by Microsoft).

This is probably more information than you wanted. Music is the easiest in computing because you are only going to reorganize the songs, not edit them like in pictures. Mp3 and other formats are 8-12 percent of what was on the CD with the rest thrown away, not compressed. What is left is mathematically encoded into equations. It sounds the same to almost all of us.

It's best to start with the original CD.

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