

RE: Compression Format and Bit Rate for Portable Audio Devices

Source:

<http://www.tech-archive.net/Archive/PocketPC/microsoft.public.pocketpc.multimedia/2004-09/0083.html>

From: Prophet Zarquon (*Zarquon_at_discussions.microsoft.com*)

Date: 09/17/04

Date: Thu, 16 Sep 2004 20:33:03 -0700

> *I am just curious to hear which compression formats (MP3, WMA, OGG, AAC, MP3Pro, etc.) and bit rate (also whether CBR, VBR, etc. if known, codec if known) readers on these newsgroups use for your audio to play on portable players, and why and how you came to the determination to use that format and bit rate.*

I use:

For MP3CDs (used in CD-MP3 portables, DVD players, PCs):
192Kbps CBR MP3 (w/ latest codec available in CoolEditPro2) — I encode at 44.1, but cut the frequency response to 22.0KHz. This gives me excellent bass response and fidelity, while cutting tinny sounds and high frequency noise. Just my personal taste, but I don't enjoy hearing sounds over about 32KHz. It hurts my ears.

For my PDA (WinCE, headphone or cassette adapter to car):
96Kbps CBR MP3 for acoustic, techno and most other music. 128Kbps CBR for the most rapid, such as punk and thrash-bass. I let WMP do all my encoding for this device.

For my laptop (Wireless-G network w/ 108Mbps max, usually wired to stereo):
320Kbps VBR Streaming MP3, 44.1:22.0Khz. I use CoolEditPro2 to encode, XP-MediaCenterEdition or WME to host the stream.

I don't use OGG because I find it is better at treble than low end clarity. That's the opposite of what I want to hear. OGG just sounds too needley to my ears.

I avoid WMA because most DVD players and some MP3 players don't support it.

I write all my own playlists in .M3U format (video and audio) using Notepad.