

## Command Line Options.

Some of you asked me for a command line support. Here it is !  
If there is something missing tell me.

Usage : MP3Comp.exe <file\_name> <Options>

The option are :

/? : to display a quick help on the command line

The preferences chosen by default are :

frequency : 44100

Stereo, Quick mode

Output Wav file

No delete after compress

Same Destination Directory

If you would like to use other preferences that those chosen by default use :

/freq=0..8 (0 is for 48000Hz, 1 for 44100Hz, and so on)

/mono : to set to mono mode

/NoQuick : to set to slow mode... (don't use this)

/OutputMP3 : to create \*.mp3 files only

/OutputBoth : to create both \*.wav file and \*.mp3 files

/delete : to delete the source after compression

/priority=2..8 (8 is the idle and 2 is TimeCritical)

/dest=... and give the destination path you want the compressed files will be copied.

For example you could use :

c:\dir1\mp3comp d:\dir2\example.wav /mono /outputMP3 /dest=e:\compressed\

you can also compress more than one file, you have to separate them with a ;

c:\dir1\mp3comp d:\dir2\file1.wav;file2.wav /freq=5

Long name file are also supported :

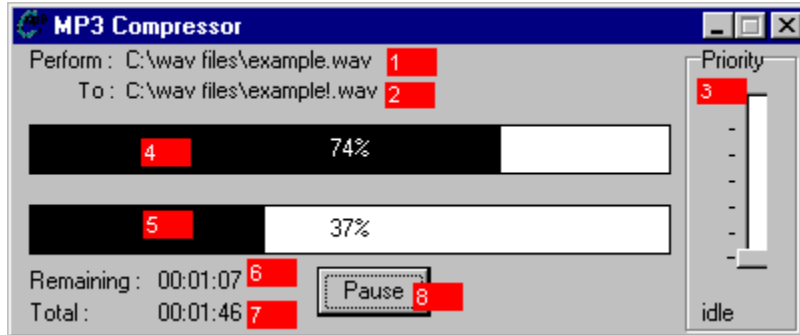
c:\dir1\mp3comp "d:\dir2\long file name.wav" /mono

You can also use wilcards :

c:\dir1\mp3comp d:\dir2\\*.wav /delete

I added a /nominimize option for the extern program that check in the taskbar when my program end. By using this option, it is no possible to reduce the compress window.

## Compression Dialog Box



This box appear when your are compressing a file.

- (1) : is the name of the file who is beeing compressed
- (2) : is the name of the compressed file that will be created
- (3) : you can choose the priority of the compression. Very usefull when you are working with other application when compressing too. I recommend to set it to idle if you doing another job on your computer the time you compress. So the compression is a background task and the performance of the other application you use will not decrease. When the compression is the only task of your computer, set the priority to highest. The best priority is TimeCritical, with this priority, the compression drain almost all ressources of windows 95. The progressbar are disabled with this mode.
- (4) : This is the progression of the compression process of the curent file.
- (5) : This is the progression of the compression process of all the files you selected. This progress bar is disabled in case there is only one file selected for the compression
- (6) : Time remaining before the compression of all the files you selected to compress end.
- (7) : Total tilme of the compression. When you click on this it, give you the time the progress will end. And a second click will give you the time ratio : the time for compression divide by the time of the song. It depend of your processor. For example, if the time ratio is 3, you need 3 minutes to compress one minute of song. (you can also click on Total)
- (8) : If you want to pause the compression.

When compressing, it appear in the task bar an icon showing if the compressing is enabled



or paused :



By left clicking on this it switch between the compressing and pauses mode.

By right clicking on this it let you choose the priority.

This icon is usefull when working with orther application and compressing too

If you minimize the compression window, you can make it appear by right clicking on the icon in the taskbar. If the compression is reduced, when the compression end, the window appear at front.

### Menu

## **Features**

MP3 Compressor, is a STANDALONE 32bit program for compressing audio files with MPEG Layer 3 on Windows 95

3 Times Faster than previous DOS program !

This program should work on WinNT but has not been tested on this platform. (My NT partition has been deleted, and I have not installed it again at present) Give me your feedback on using MP3 Compressor on this platform.

MPEG Layer 3 is a efficient coding technique that produce a great data reduction on audio data. With a 44100Hz frequency coding, the original sound data from a audio CD is skrink down by a factor 12 without losing sound quality. Factors of 24 and even more still maintain a sound quality that is significantly better than what you get by just reducing the sampling rate and the resolution of your samples. Basically, this is realized by "perceptual coding" techniques adresssing the perception of sound waves by the human ear.

### Avantages to the dos L3ENC.EXE :

- \* freeware
- \* produce compressed wav file that can be read with the Win95 recorder or multimedia viewer.
- \* full 32 bit program about 3 times faster !
- \* better sound quality because it is based on the lastest MPEG Layer 3 algorithm from Fraunhafer Institut IIS.
- \* priority of the compression progress adjustable in real-time
- \* remaining time and end time displayed on the fly
- \* multi file compression
- \* easy window interface
- \* include a player for the compressed and non compressed wav files

### Menu

MP3 Compressor Help v0.9f by MP3hC  
release on July 18, 1997

Feature

Program version Author Notes

Program version History

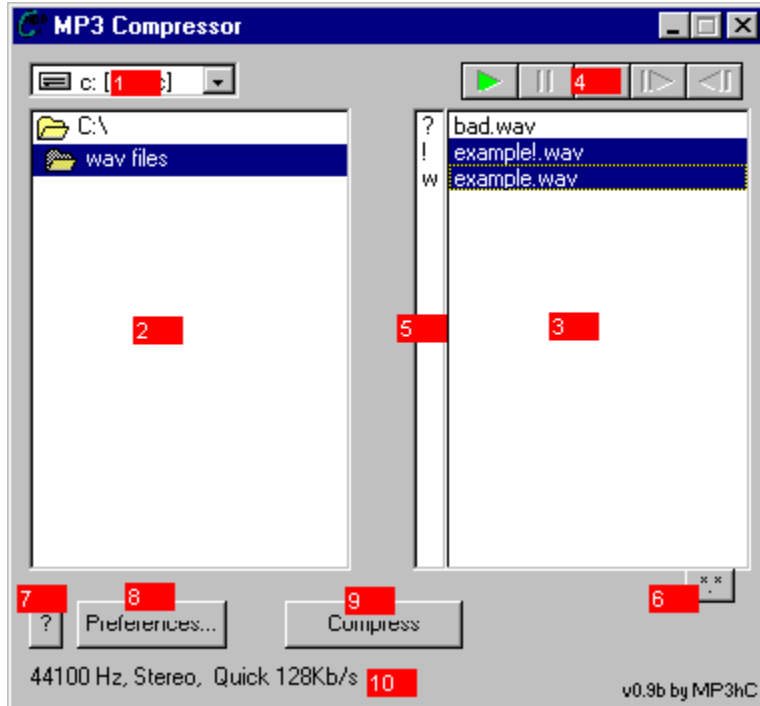
Main Dialog Box

Compression Dialog Box

Preferences Menu

Command Line options

## Main MP3 Compressor Dialog Box



### The Three steps for a easy compression

- 1) Choose the Drive (1) and the directory(2) where the wav files you want to compress are located.
- 2) Select the wav files in the right box.(3)  
Only Wav file are displayed in this box and.  
You can select the wav files that are already compressed only if you choose and \*.MP3 format in the [Preferences Dialog Box](#)
- 3) Press the COMPRESS button(9) and a compressed file with a '!' at the end of the name will be created. For example, if you select a wav file named 'example.wav' and press the compress button, a file named 'example!.wav' will be created.

You can also listen to music with the the player buttons (4) that are up the box where you select the files to compress.

Right the box where you select the files to compress(5), there is informations about each files of the directory :

w Valid WAV file that can be compressed with MPEG Layer 3 codec to a Win95 Wav files or to a \*.MP3 file

For example a wav file coming from a CD-Audio is this type of wav file.

! : Already compressed MPEG Layer 3 Wav file. It can be transform only as an \*.MP3 file. See the [Preferences Dialog Box](#).

? : Not a valid wav format. This file can't be compressed.

The '\*.\*' button is used to select all the valid files of the directory.

The ? button(7) is informations about the program and the help.

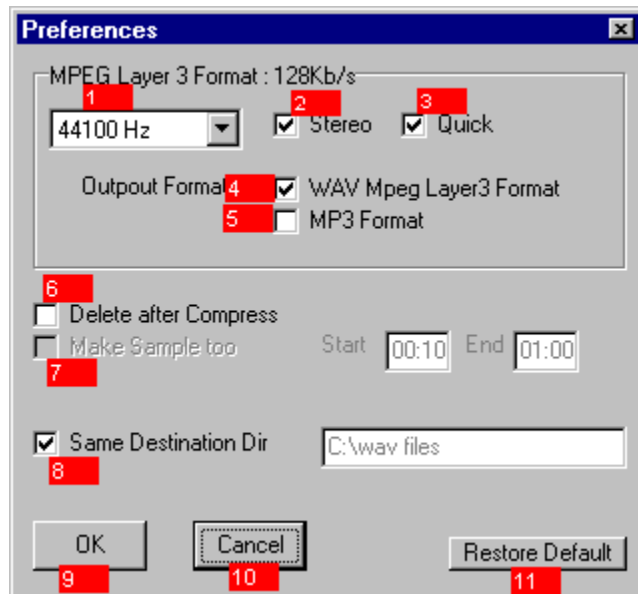
The Preferences...(8) button is used to choose the preferences in the [Preferences Dialog Box](#)

The Compress(9) button begin the compressing. The [Compress Dialog box](#) appear.

Below this three button the current choose compression selected format is displayed.(10)

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## Preference Dialog Box



Here are the option you can set for the compression :

- (1) : Set the frequency output
- (2) : Choose an Stereo or Mono output  
By the time, compression available in Stereo : 48000, 44100 and 32000 Hz and in Mono : 48000, 44100, 32000, 24000, 22050, 16000, 12000, 11025, 8000Hz. I will add new frequency and bitrate in the next version. My recommendation for this choices are :  
\* If you are compression Audio-CD quality files, use the 44100 Hz, Stereo, Quick mode.  
\* To make also sample to put on a web site, choose the low-bitrate but quite good quality 8000Hz, Mono, Quick mode.
- (3) : Choose a Quick compression or not.  
I recommend that you always use Quick compression. It is about 3 TIMES faster than the usual dos L3COD.EXE for a 44100Hz compression ! That's what I call optimisation :). Hope you will enjoy. The algorithm I use are the latest one the Fraunhofer Institut IIS made, but my program is a 100% optimized 32 bit code. The sound quality produced is same or better than the L3COD.EXE !
- (4) : Choose to create a MPEG Layer 3 compressed WAV file you can read with the windows 95 sound recorder !
- (5) : Check this if you want to create common MP3 format file that can be read on other platform than Win95.
- (6) : Delete after compress : delete the files you have selected after having compress them. This option is usefull when you don't need anymore the big files that you have compressed.
- (7) : This option don't work at present. It will be add in the next version when I will have written the procedure.
- (8) : If you want the compressed files you create to go another directory than the directory where your source files are located.
- (9) : Save the preferences.
- (10) : Don't save the preferences
- (11) : Restore default value preferences.

## Menu

## **Program version Author Notes**

This program is completely freeware... enjoy !

I worked a long time on...computer love has no limit.

If you like this program, the only thing I would like is you to drop me a mail to say it ;) I will continue improving this program if it is usefull for you !

If you have comment or bugs to report, please tell me.

You can reach me by email : [mp3hc@chez.com](mailto:mp3hc@chez.com) or [mp3hc@hotmail.com](mailto:mp3hc@hotmail.com)

Dear WebMaster,

Your site is fast, you like my program and would like to help me ?

Send me a email, I would like to use your site as a link to download the MP3Compressor. I will upload the latest versions. Give me a login/pass to your ftp. So I will minimize the use of my site and leave it available for more people.

Dear Cracker,

Sorry, but this program is freeware ! If cracking is your passion, ask me for a special protected version. ;)

I suppose you will not ask me why I didn't release this program as a shareware..... (for those who didn't understand : when programing is a passion, writing a good freeware is pleasure.)

I would like to thanks all the people who helped me writing this program :

The beta tester and specilly T0rtue

Fraunhofer IIS institute for their latest library sources !

The wonderfull Borland tools for programing

And you for using my program !

I am working hard to add other MP3 format to my program. I have already done a beta version with format like 44100Hz 112Kb/s...Check my page for the latest version !

Features of this program....

Menu

## Program version History

v0.9e 07/15/97

First release of MP3 Compressor

v0.9f 07/18/97

some minor buf where fixed

Command Line Added



