

Version 1.0, for Windows 95, Windows 98 & NT

Written by Mario Mercea.
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Ultimate Encoder Features:

- It runs on Windows 95 / 98 & Windows NT 4.0 or newer.
- You can Encode directly from CD-Audio, you don't need a CD-Grabber anymore!
- Supports input .WAV files, 44KHz, Mono, Stereo, 16bit.
- You can very easy compress a file, with the Ultimate Encoder Wizard.
- Supports output compressions from 32Kbs to 320Kbs, Layer 1, 2 & Layer 3.
- Decoding of MPEG files is also supported.
- High-Speed Encoding while maintaining the Highest Quality possible of the original .WAV file.

For example you can:

- Convert an existing .WAV file into an MPEG audio file then play it with WinAMP.
- Convert an existing .MP3 file into an WAV audio file.
- Encode Audio tracks directly from CD-Audio.
- Create MPEG-2 audio streams - including MPEG-2 layer 3 audio.
- Create MPEG files for quick downloading over the Internet or an intranet.

PLEASE REPORT ANY PROBLEMS TO:.

E-Mail: uencoder@us.dnttm.ro
Phone/Voice/FAX: +40-(0)56-219577

You can Download the latest version from <http://www.us.dnttm.ro>

Order Form

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Mario Mercea
Str. Gh. Titeica 29
1900 Timisoara
ROMANIA

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Versiunea in limba Romana

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Dupa ce veti efectua plata veti primi versiunea inregistrata a programului Ultimate Encoder. Folosirea versiunii neinregistrate a programului Ultimate Encoder dupa perioada de evaluare contravine legilor nationale si internationale.

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Garantie

Acest program si fisierele insotitoare sint vindute 'asa cum sint' fara a se garanta anumite performante. Din cauza numarului mare de configuratii hardware/software in care acest program va fi instalat nu se garanteaza functionarea lui. Procedura corecta de utilizare a oricarui program dicteaza testarea intensiva a acestuia in medii fara date si informatii critice inainte de a avea incredere in calitatea si performantele acestuia. Utilizatorul va trebui sa-si asume intregul risc al folosirii acestui program.

Encoder Options

- **Method:** Layer 1, 2 and 3 is the encoding method, the most used is layer 3, because it has the highest quality at low bit rates.
- **Psychoacoustic:** The user can select either one of the two psychoacoustic models. Model I is a simple tonal and noise masking threshold generator, and Model II is a more sophisticated cochlear masking threshold generator. Model I is recommended for lower complexity applications whereas Model II gives better subjective quality at low bit rates. Model II can be used only at Layer 3, and Model I at Layer 1 & 2.
- **Channels – Mono:** Mono is a single channel of audio. Use the Mono setting with mono sources or when you need the lowest possible bit rates. The input file (WAV) must be mono
- **Channels – Joint Stereo:** Joint Stereo shares certain bits between high frequency left and right channels. This improves compression efficiency at a slight loss of stereo separation. Lower frequencies are treated as normal stereo. Use Joint Stereo to obtain the best overall quality at mid-to-lower bit rates.
- **Channels – Stereo:** Stereo includes two independent channels. The total bit rate remains constant, but the split between the channels can vary. The Encoder uses this flexibility to improve quality by allocating more bits to the channel with the more dynamic signal. Use the Stereo setting for best quality stereo audio at higher bit rates.
- **Channels – Dual Channel:** Dual Channel includes two completely independent channels (left/right), each with half the total bit rate. Dual is generally used for multi-lingual audio programs.
- **Decoder De-emphasis:** This option was included just to let the user modify anything possible, this represents the decoding error correction, this is done by the MPEG Player / Decoder, not by Ultimate Encoder. The option does not affect the output MPEG file, just the header of file.
- **Material is Copyrighted:** Marks the header of the output MPEG file as a copyrighted file.
- **Material is Original:** Marks the header of the output MPEG file as an original file.
- **Error Protection:** Marks the header of the output MPEG file with the error protection bit, used by the Player / Decoder.
- **Private Bit:** Marks the header of the output MPEG file as a private file.
- **High Quality / TURBO Speed:** This affects the encoding speed and quality, with the High Quality option Ultimate Encoder performs some sort of “sound anti-aliasing”, but it’s more slower than TURBO Speed. With the TURBO Speed option Ultimate Encoder encodes up to twice faster, and the output quality of the sound, at higher than 128kb rates is almost the same as with the High Quality option.

What's NEW!

Ultimate Encodert®

Version 1.0:

- Direct CDA Encoding.
- CD-Grab options to grab audio tracks from CD to WAV files.
- Encoding of MPEG 1.0, Layer I, II and III

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CD-Audio Grabber

Ultimate Encoder®

In Ultimate Encoder 1.0 supports Direct CDA encoding, you can encode audio files directly from CD-Audio, so you don't need anymore a CD-Grabber program to grab the Audio tracks !, and you won't need 1GB of harddisk space to encode a CD !

Select the CD-Audio button, then a dialog with all tracks found on CD will appear, after that, you must select which tracks do you want to encode, and press the OK button, then continue with next button normally. Ultimate Encoder will read track by track and encode it, when it will finish with one, it will delete the .WAV file.

If you want to save all the selected tracks to harddisk as WAV files, then press the Grab Now! button instead of the OK button.

CDA Settings option: this option allows the user to select a custom buffer size for CDA Grabber, which will affect the sound quality of the grabbed file from CD-Audio. The value must be between **1** and **256**, lower the value for compatibility (if you get the message **Can't read RAW audio data**), then try to lower the value until it works, and set the value to a higher number if you hear some noise in the grabbed file.

IMPORTANT!!!: if you hear some noise in the encoded file, make sure that the input file does not have any noise, sometimes the noise is caused by the CD-Audio grabber !, if you hear noises please change the value from CDA Settings to a higher value, if it still does not work, please contact us at uencoder@us.dnttm.ro

