

Convert Audio CD to Audio File

Instructions on how to convert an Audio CD (Compact Disc) to (MP3 or WAV format) audio file(s) that can be saved and played on any computer system. This process is sometimes referred to as “Ripping” a CD.

- Insert the CD into the CD/DVD player



- The CD player tray is open



You will need to gently pull the tray out to get completely open – as shown in the picture on the left.

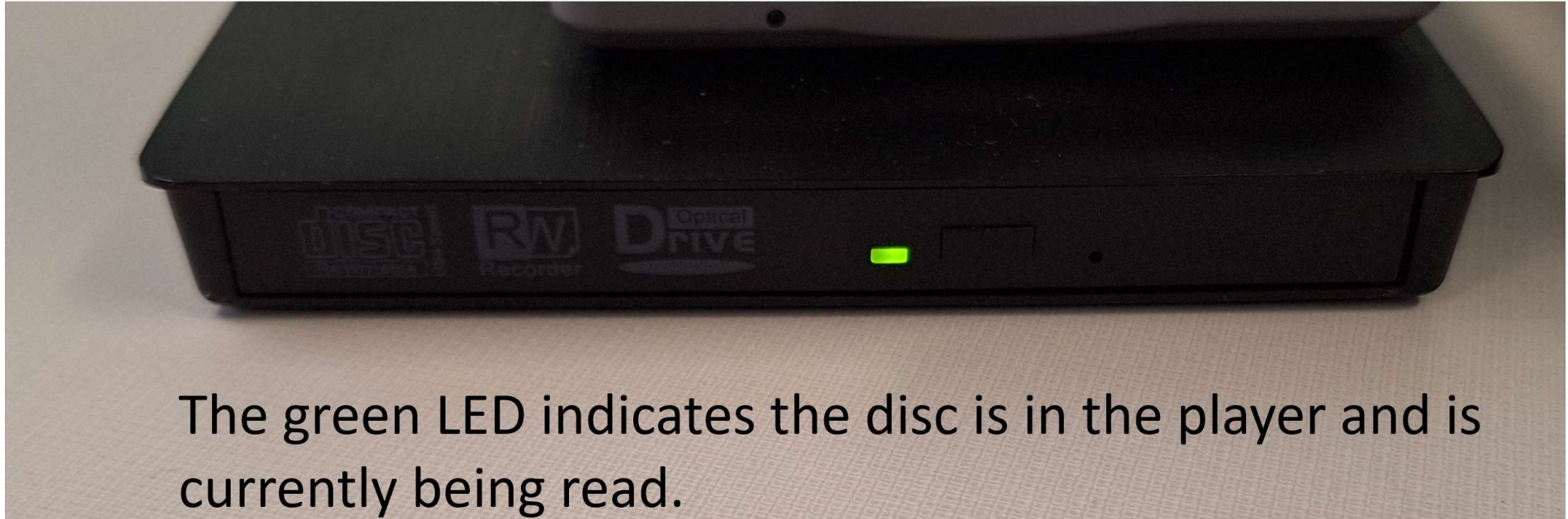
- Put the CD disc on the tray



Snap the CD disc on to the center tab of the tray.

Push the tray shut to start reading the disc.

- The tray is closed and the CD is being read



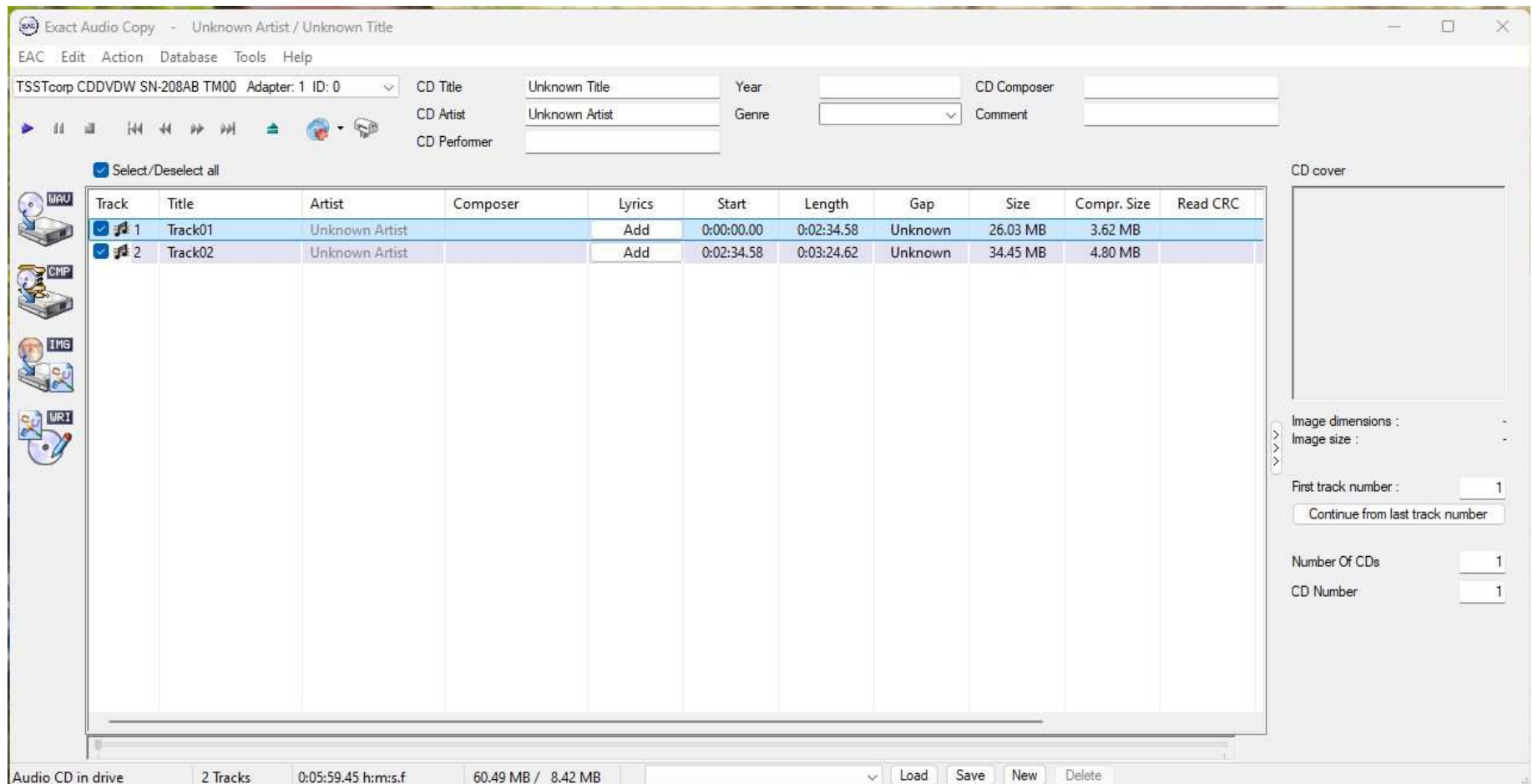
The green LED indicates the disc is in the player and is currently being read.

- Start the Exact Audio Copy Application



Double-click on the Desktop
Icon that is circled in Red

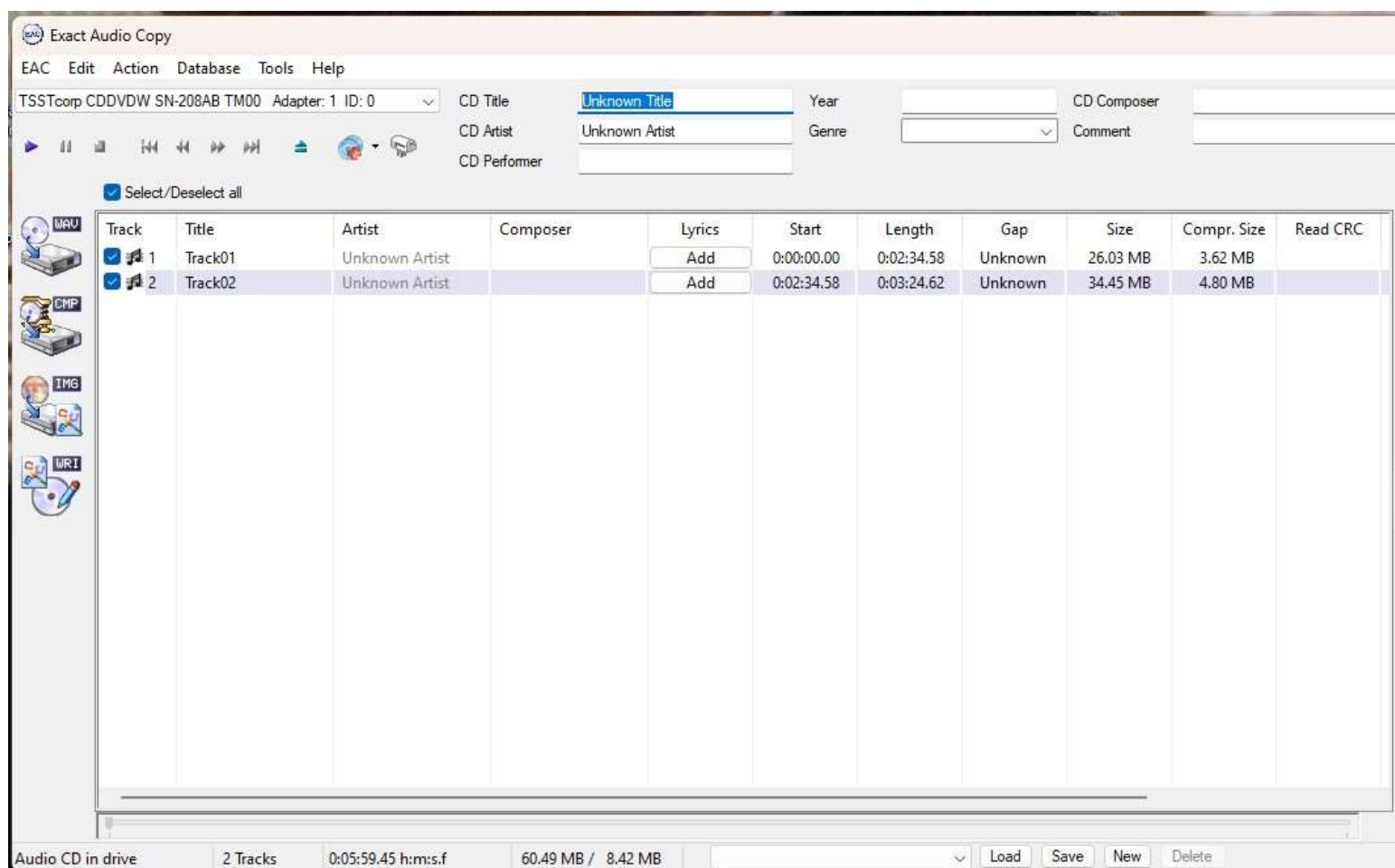
- This is the main window (or screen)



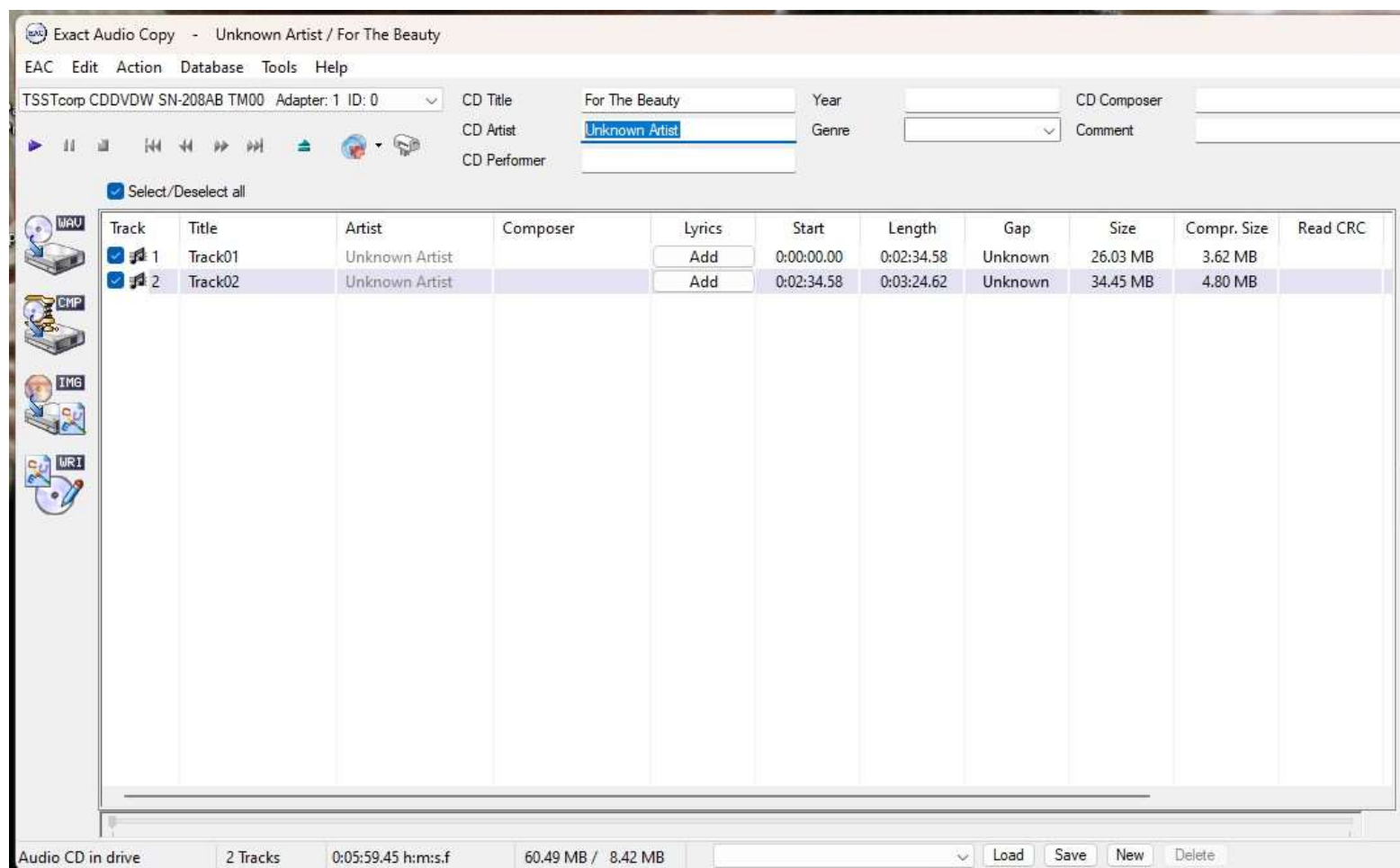
- Optional: Change the CD Title

This step is not necessary. It only changes values in the file properties of generated files.

To proceed:
hold left mouse button and drag over the text in the “CD Title” until it is highlighted in blue (as shown in this picture). Type in the CD Title you want. Press Enter key to save.



- Optional: Change the CD Artist



After CD Title is changed, and Enter key pressed, the CD Artist is highlighted, ready to be changed. If not highlighted, drag the mouse over the text (to highlight as shown on the left) and type in the desired name. Press Enter key to save.

- Optional: Change other properties (if desired)

The screenshot shows the Exact Audio Copy (EAC) software interface. The title bar reads "Exact Audio Copy - Unknown Artist / For The Beauty". The menu bar includes "EAC", "Edit", "Action", "Database", "Tools", and "Help". The status bar at the top indicates "TSSTcorp CDDVDW SN-208AB TM00 Adapter: 1 ID: 0".

Metadata fields are located in the top right:

- CD Title: For The Beauty
- Year: [Green box]
- CD Artist: Candlelight
- Genre: [Red box]
- CD Composer: [Blue box]
- Comment: [Brown box]
- CD Performer: [Orange box]

A "Select/Deselect all" checkbox is located below the metadata fields.

The track list table is as follows:

Track	Title	Artist	Composer	Lyrics	Start	Length	Gap	Size	Compr. Size	Read CRC
1	Track01	Candlelight		Add	0:00:00.00	0:02:34.58	Unknown	26.03 MB	3.62 MB	
2	Track02	Candlelight		Add	0:02:34.58	0:03:24.62	Unknown	34.45 MB	4.80 MB	

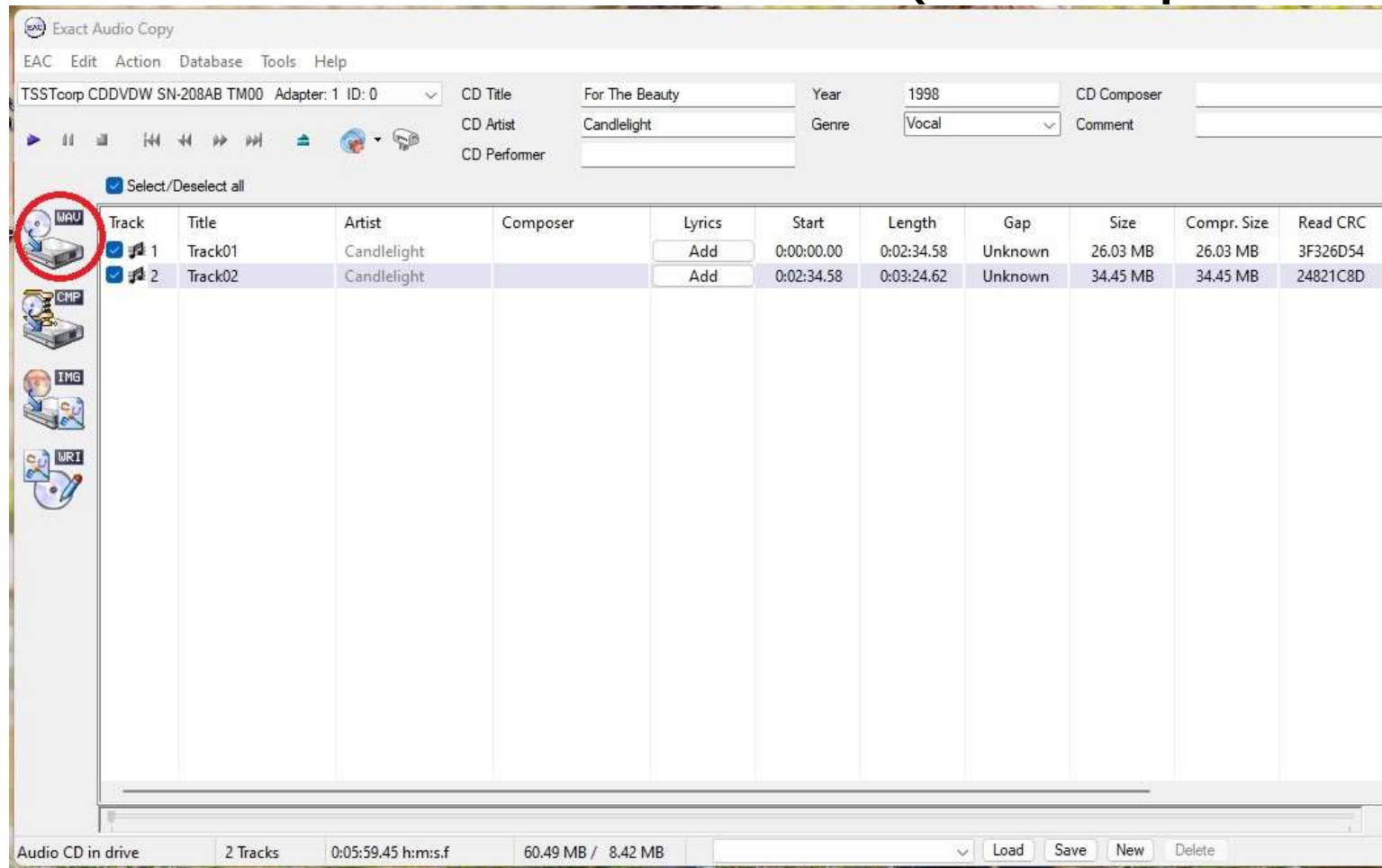
The bottom status bar shows "Audio CD in drive", "2 Tracks", "0:05:59.45 h:m:s.f", and "60.49 MB / 8.42 MB". Buttons for "Load", "Save", "New", and "Delete" are at the bottom right.

Click on Orange box and type in Performer name, Green box for Year, Blue box for Composer, and Brown box for a comment. Press Enter key to save after you type in each box. In the Red box, click the down arrow to select from the Genre list.

Save Options

- First option is to save the individual tracks in WAV format. The file size is bigger, since no compression is used (go to next slide for instructions for this option).
- Second option is to save the individual tracks in MP3 format. The file size is smaller. Most people cannot detect sound quality differences between WAV and MP3 formats (go to slide 19 for this option).
- The third option is to save all the tracks in one file. It is like listening to the entire CD. It always saves in WAV format (go to slide 21 for this option). Instructions will also be given to convert the WAV file to a MP3 file.

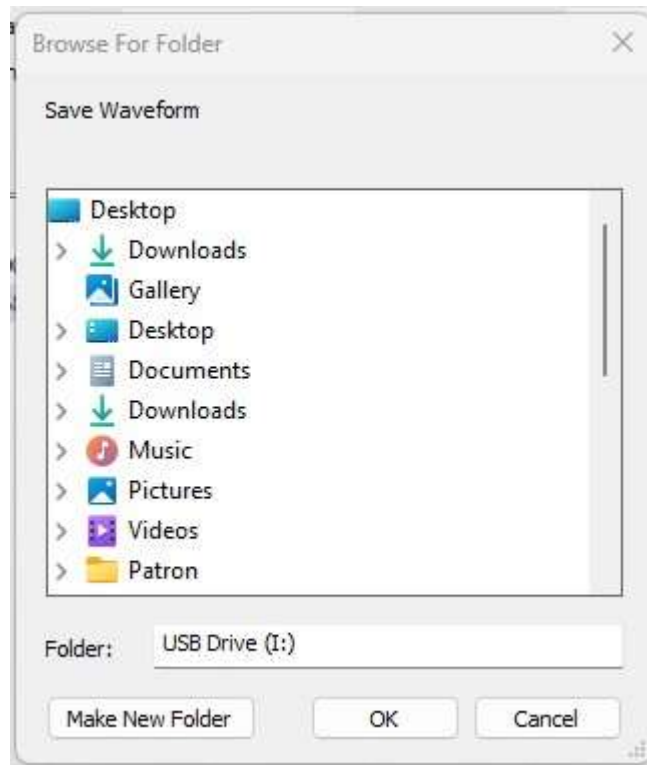
- Save the Tracks in WAV (uncompressed) format



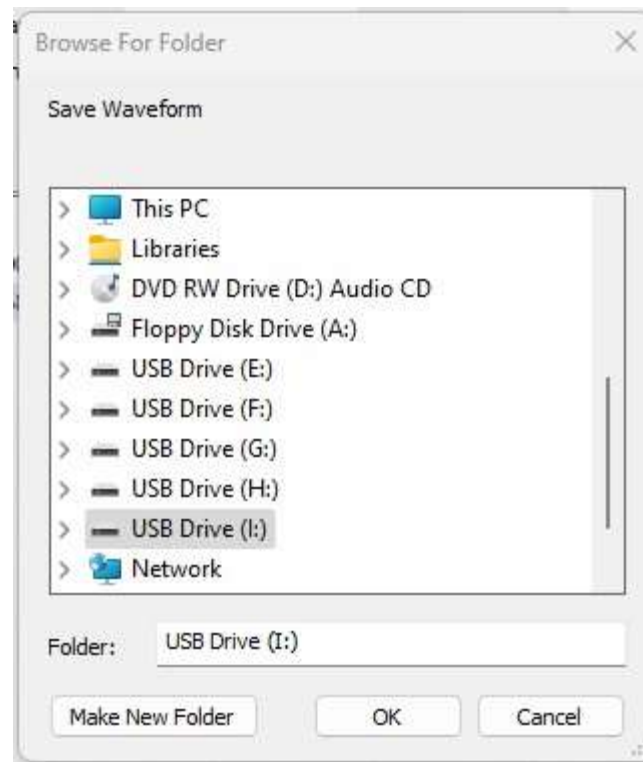
Click on the icon circled in Red to start the process.

By default, all tracks are saved in separate files. To change, click on the "Select/Deselect all" checkbox and then click on the tracks wanted. The blue checkbox will appear when the track is selected.

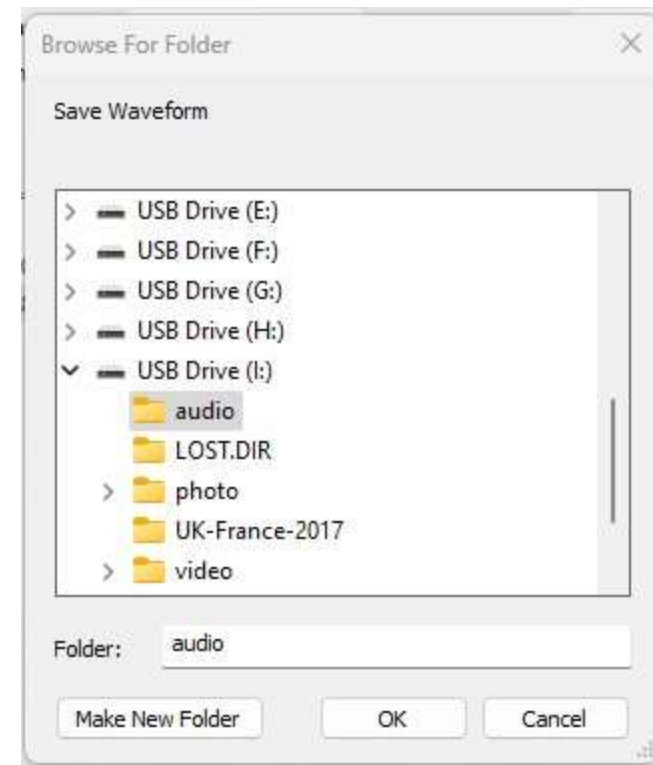
- Select the Folder to save the audio file(s)



This pops up first.

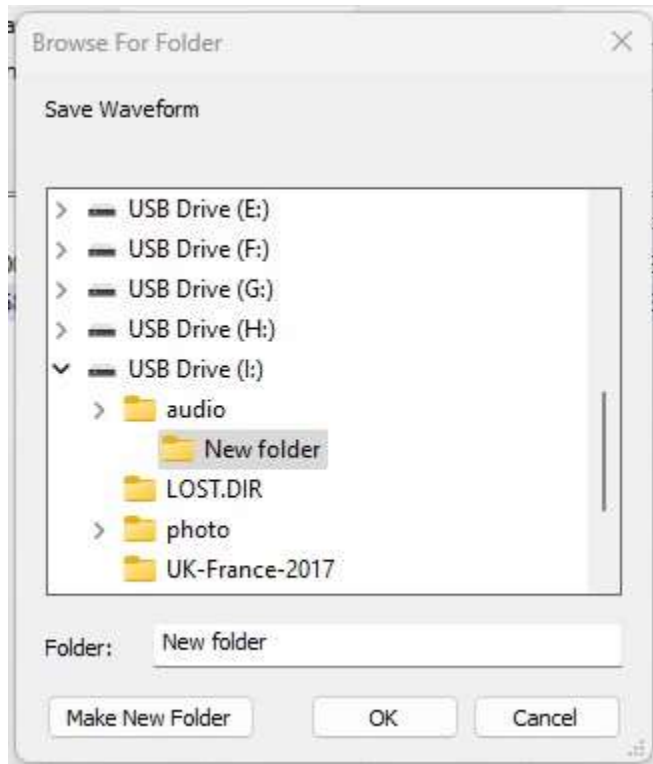


Scroll down by dragging bar on the right down



Expand directories by clicking ">" Select folder

- Recommend making a new directory for files

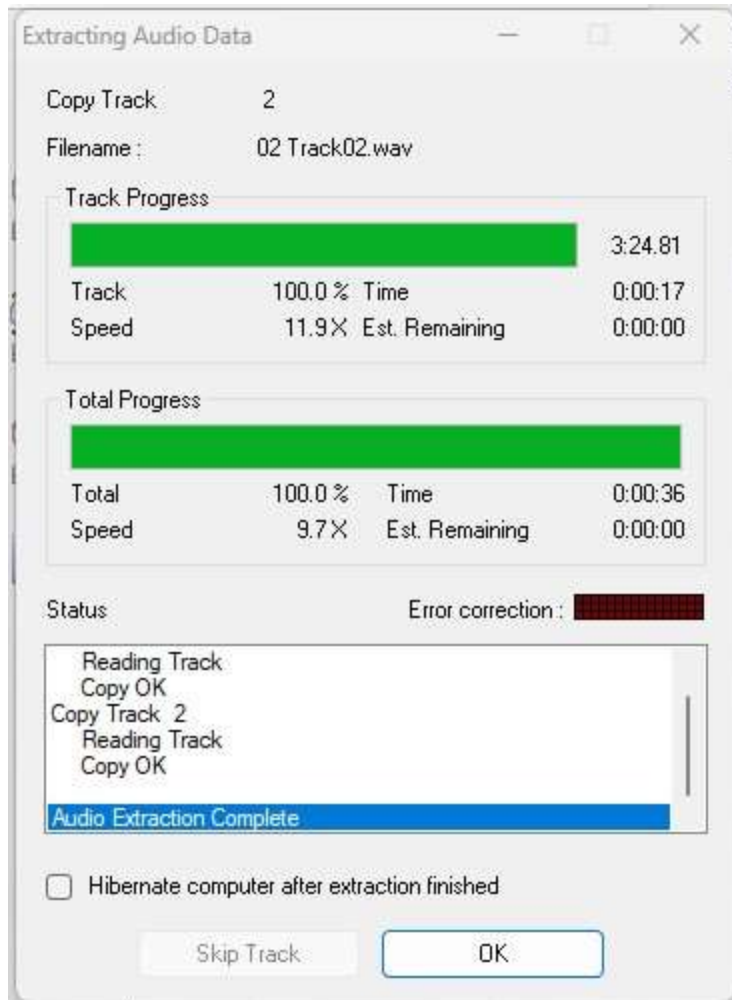


Click the “Make New Folder” button on the bottom left side

Type the Folder name you want and the press the Enter key to save the name. If you don’t press Enter, the directory name will be “New Folder” The name should show up in the icon list above (highlighted in gray or blue) and in the box with the label “Folder:” to the left of the box.

Press OK button to start conversion process.

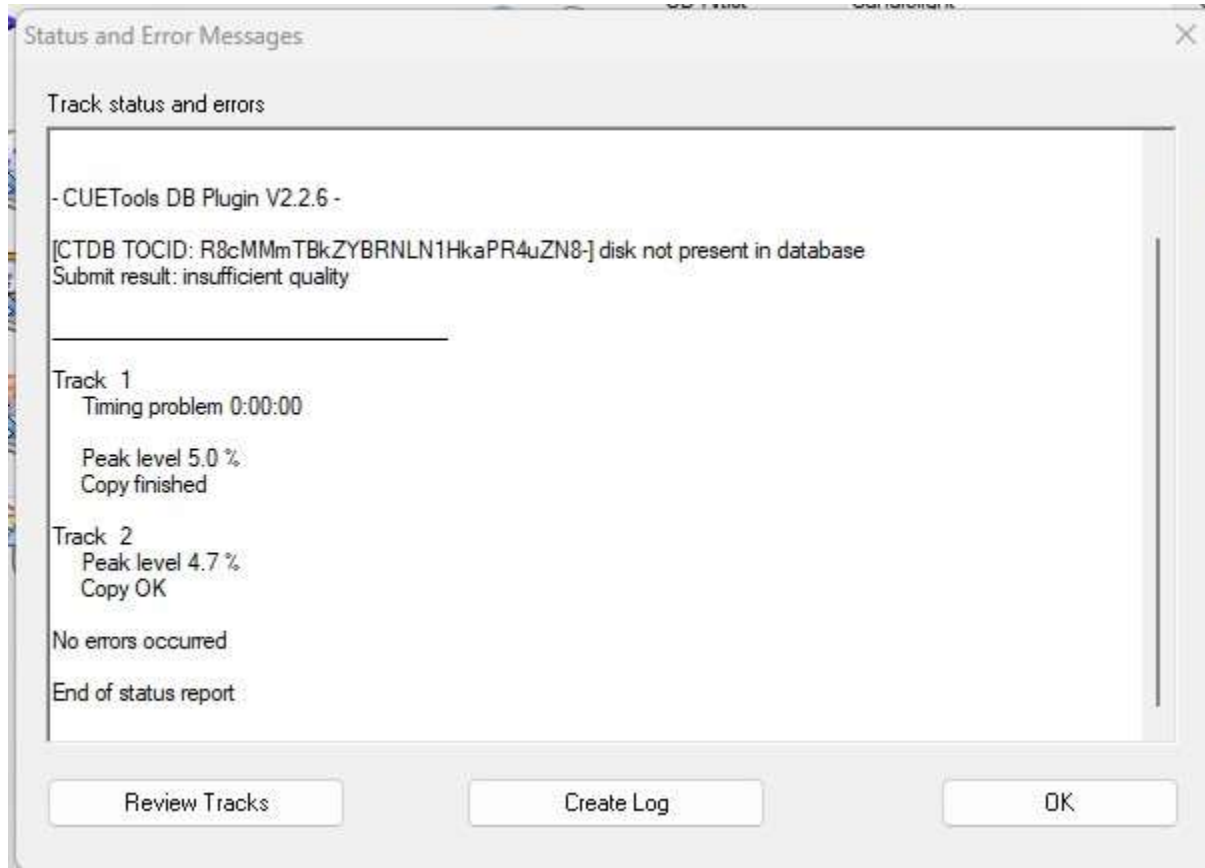
- Next, a screen pops up showing the progress



The green bars will grow until the percentage reaches 100.0%

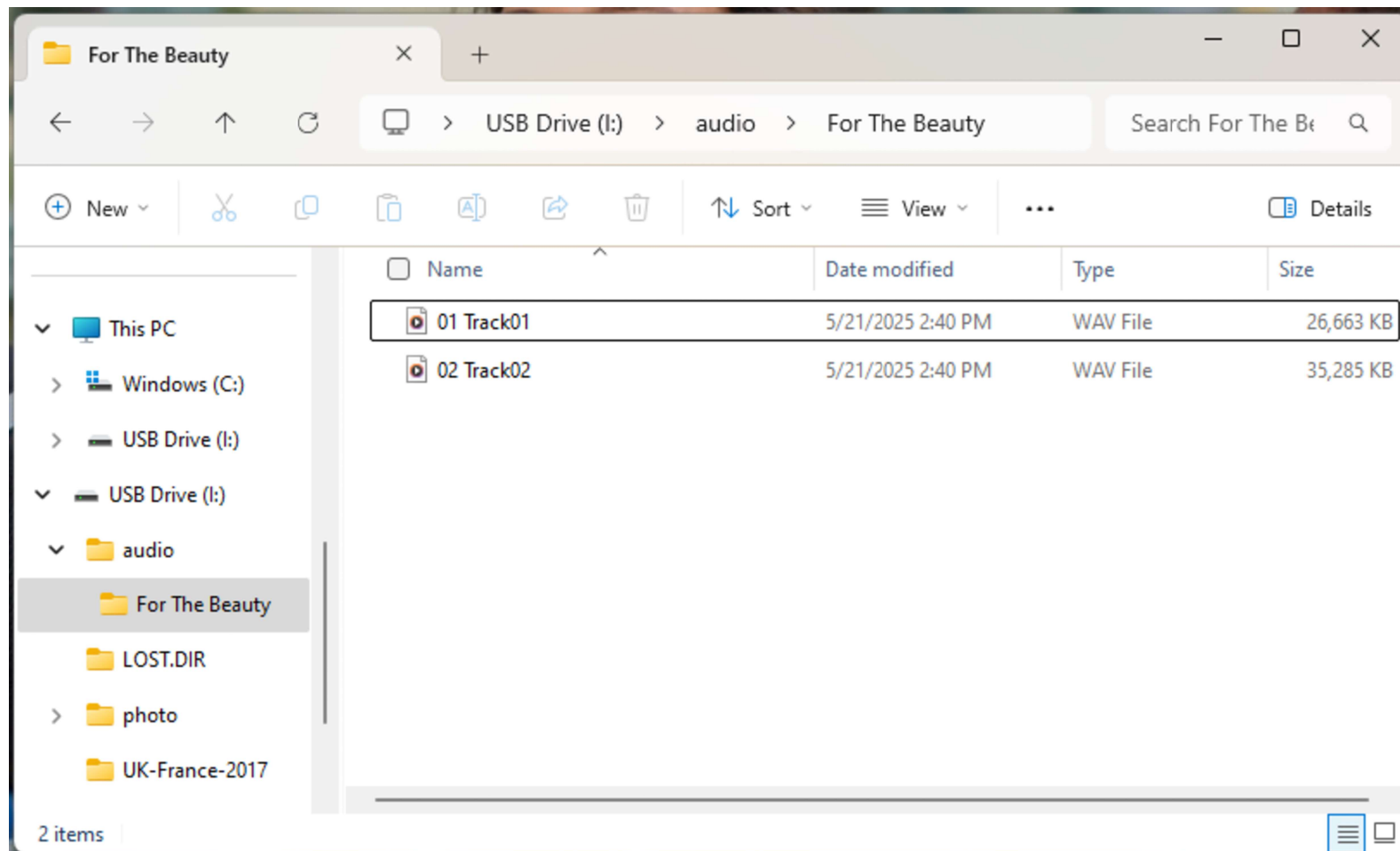
Press OK button to continue when complete.

- Finally, a status report pops up



Press OK to Finish

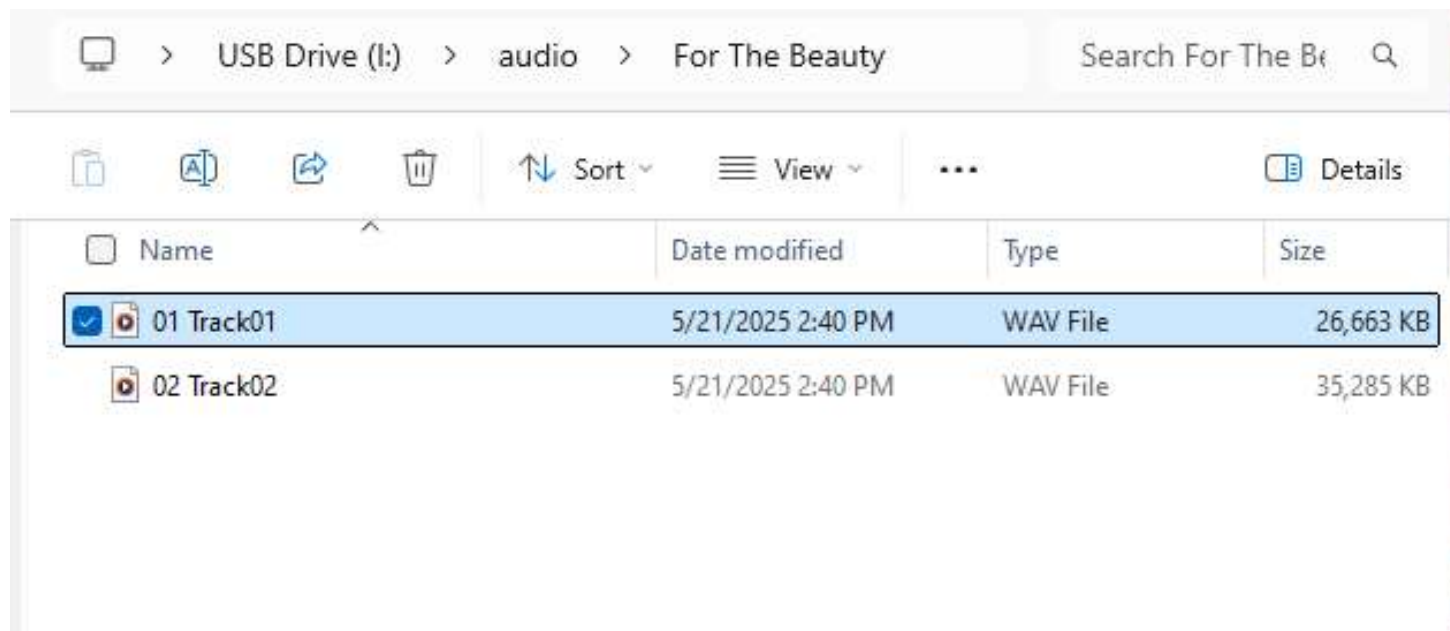
- View the files that EAC creates (using File Explorer):



EAC will create the files listed with the Audio CD track number.

Your only option in EAC is to select the folder to put the files in. You can change the file names in the file folder after Rip.

- Optional: rename the track files



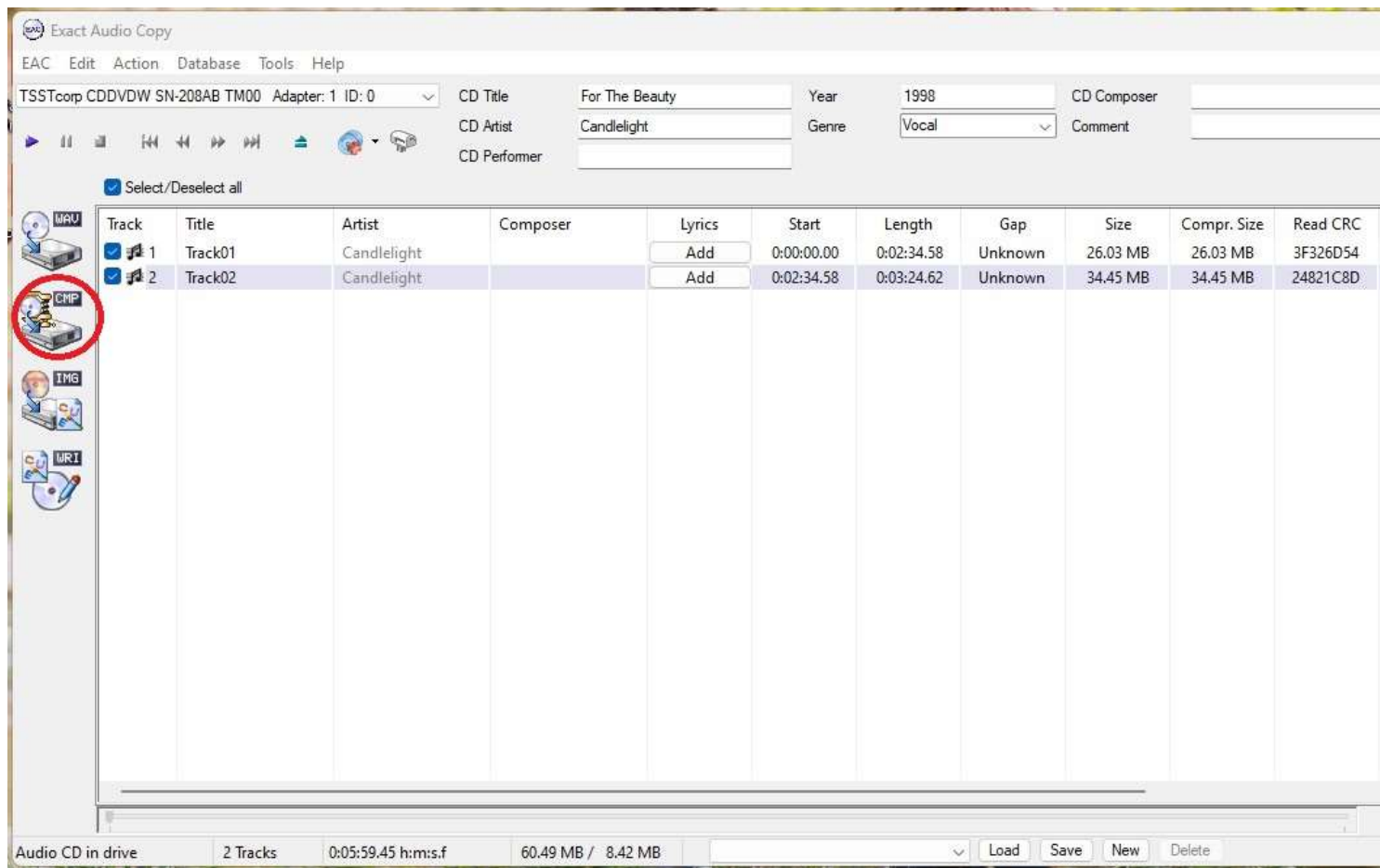
Select a file
(Track01 in the
example on the
left).

Press the F2 key.

Type the name
you want for the
file.

Press the Enter
key.

- Save the Tracks in MP3 (compressed) format



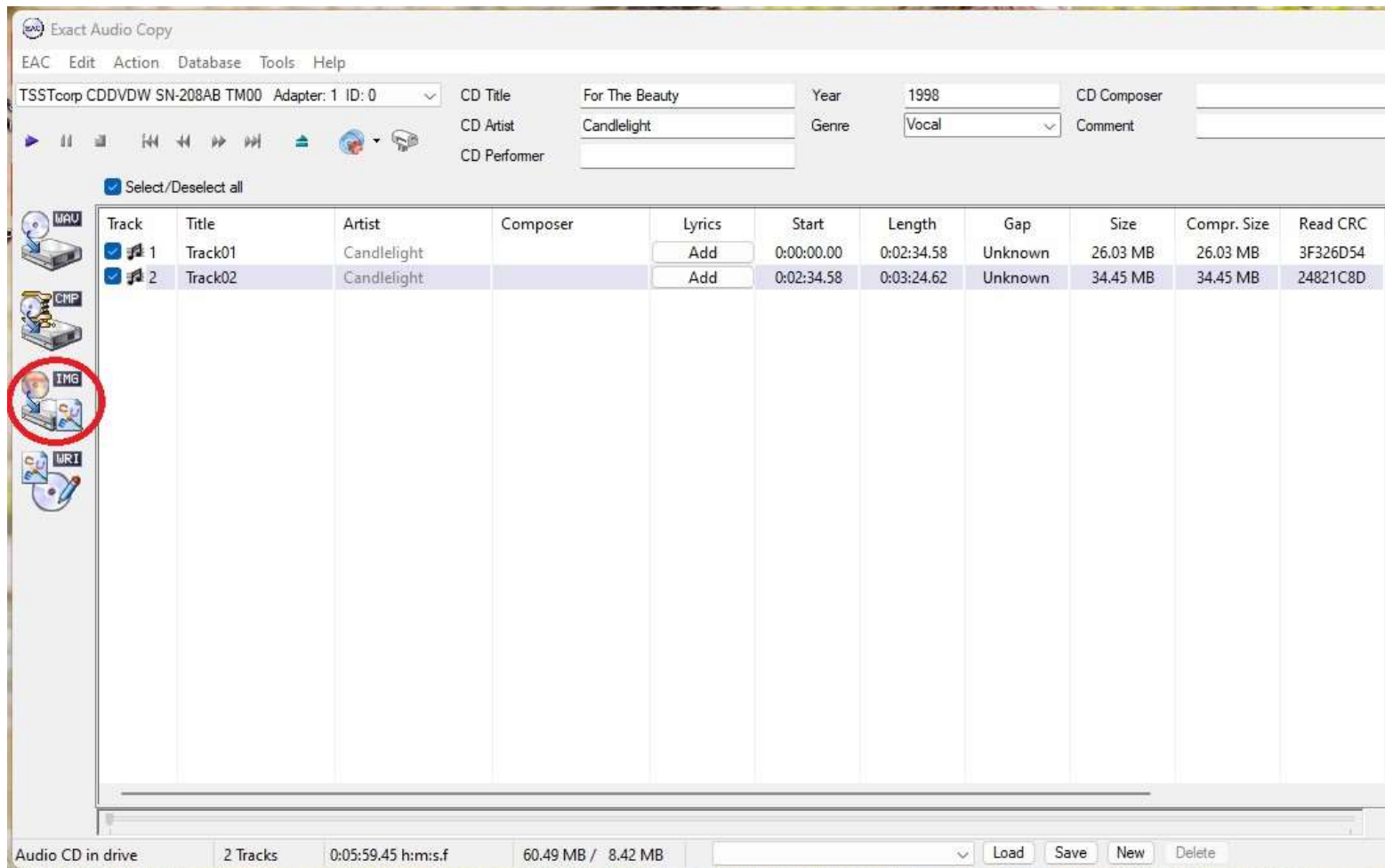
Click on the icon circled in **Red** to start the process of Ripping tracks as MP3 files.

Select tracks to be included. Tracks will have a blue checkbox next to them when selected.

Complete the Rip process

- Select and make a sub-folder as shown on slides 13 and 14.
- Finish up the process as shown on slides 15 – 18.

- Save all Tracks in one WAV file



If you don't want a track included, click on the blue checkbox next to the Track to turn it white, deselecting that track.

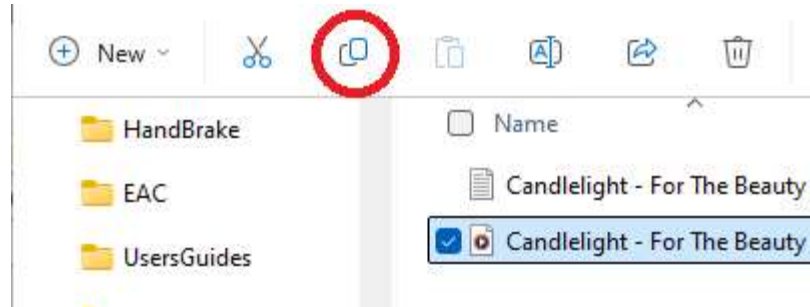
Click on the icon circled in Red to start the process.

The output file will be all selected tracks (with blue checkbox) combined together. For example, Track01 will record first, followed by Track02.

Complete the Rip process

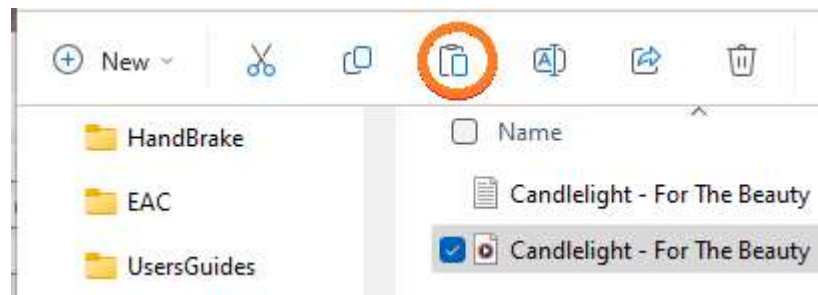
- Select and make a sub-folder as shown on slides 13 and 14.
- Finish up the process as shown on slides 15 – 18.
- If desired, compress the WAV file to MP3 format. Note that this process will delete the WAV file, so you will want to copy the WAV file first if you want to save both formats (see next slide for instructions on how to do this).
- Double click on the CUE File to see when each Track started in the combined audio file.

- Optional: Save a copy of the WAV file



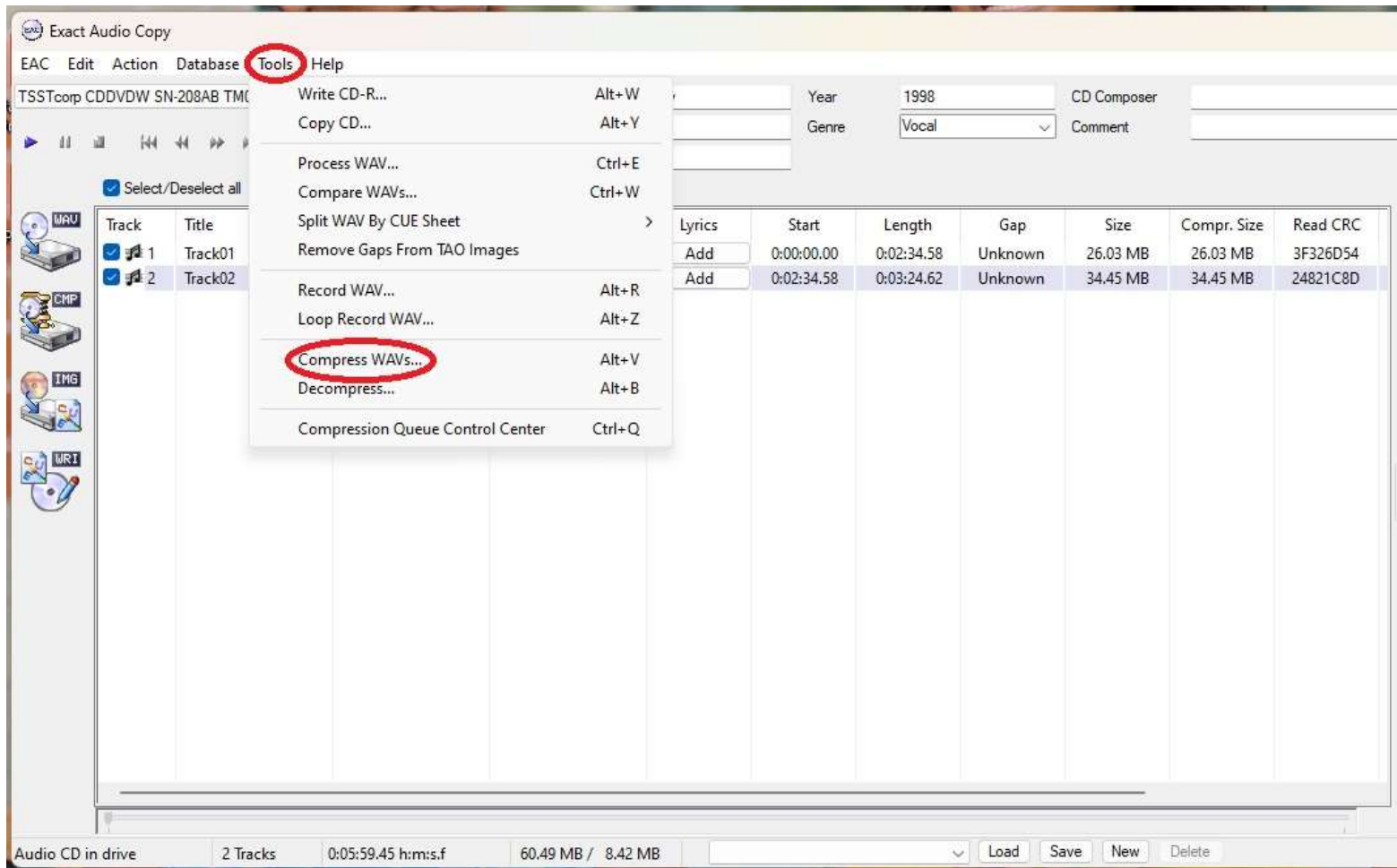
First, highlight the WAV file you want to convert (in File Explorer).

Click on the Copy icon (circled in **Red**) on the picture on the left.



Then click on the Paste icon (circled in **Orange**) on the picture to the bottom left.

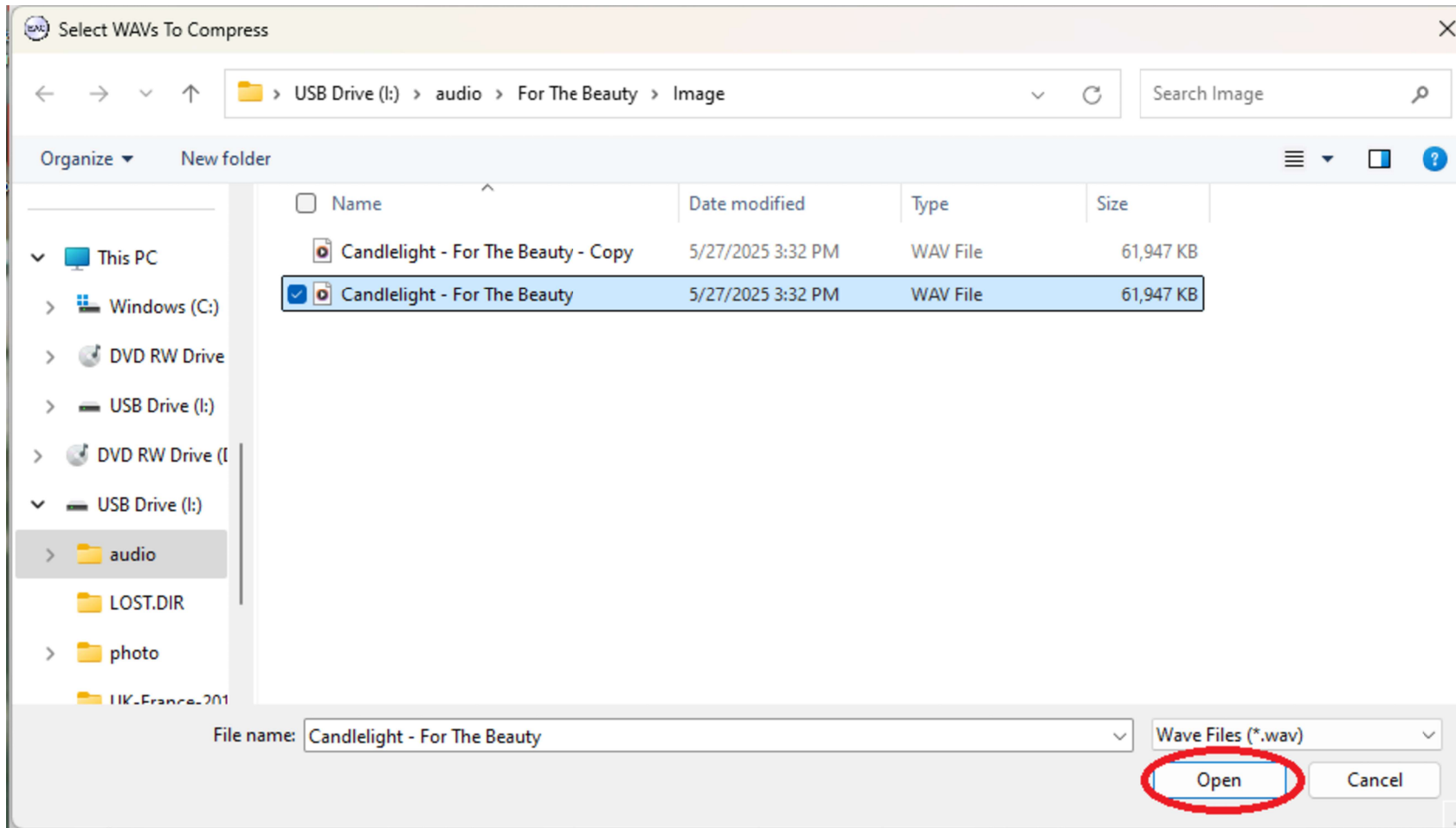
- Optional: Compress the WAV file



Select the Tools menu (by pressing the Tools text that is circled in Red).

A list of tools will pop up. Then select the “Compress WAVs...” option (circled in Red as well).

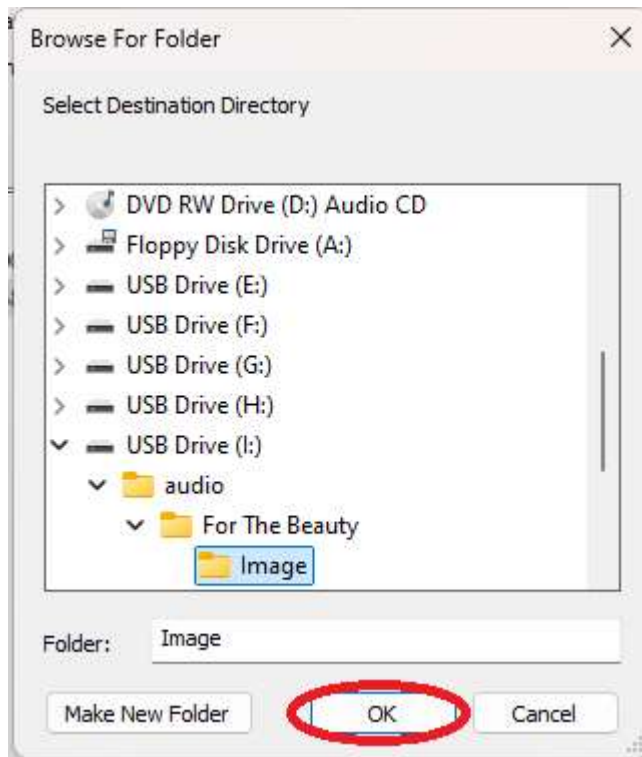
- Select the WAV file



Select the WAV file (not the copy you just made). It will highlight in blue and have a blue checkbox next to the file.

Click Open (circled in Red near the bottom of the screen) to continue.

- Select the destination folder



The screen to the left will pop up.

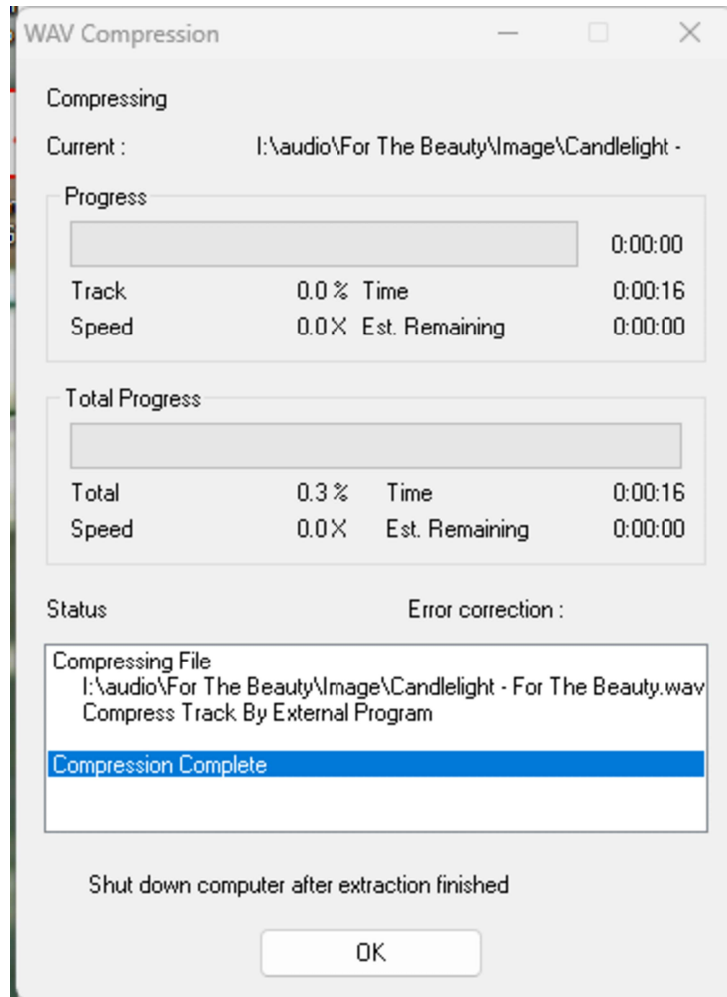
Select the Directory (or Folder) that the MP3 file will be placed after the compression process is complete.

Click the folder you want. You can make a new folder if you wish.

By default, the destination folder is the same directory that the WAV file is in. Don't change the folder to use this option.

Press OK (circled in Red) on continue.

- Compression complete:



When you see the message:

Compression Complete

The process is done. Press OK to leave this tool.

Wrap Up

- Close the Exact Audio Copy screen (press the X in the upper right corner)
- Eject and remove your CD
- Eject your thumb drive (or USB drive)
 - Press the ^ symbol in the lower right corner of the main screen.
 - Select the icon that looks like a USB drive
 - Click the “Eject the USB Flash Memory” item
 - Remove the USB drive after the screen pops up saying it is safe to do so.