



Q&A

Alan German & Chris Taylor
Ottawa PC Users' Group

Follow-up

Audio recording

Everyone: Remind Chris to start the audio recording!



Fixing Windows Update

- Jan 27 Q&A – Trouble-shooting WU
 - https://opcug.ca/qa_recordings/20210127_PowerPoint.pdf
 - “nuclear option”
 - delete 2 folders
- Some had problem deleting the directories
 - happens if services that get stopped restart before you can delete them
 - solution: script the process
 - runs more quickly
 - services don't get a chance to start too early
 - if it doesn't work, reboot and repeat

Follow-up

Script

```
:: nuclear option for fixing Windows Update errors
:: bolded lines are comments that won't "run"
CLS
@ECHO OFF
ECHO Be sure to run as Administrator
ECHO.
Pause
:: Get rid of backup folders if they exist
RD /S /Q C:\Windows\SoftwareDistribution.old
RD /S /Q C:\Windows\System32\catroot2.old
:: stop services
net stop wuauerv
net stop cryptSvc
net stop bits
net stop msiserver
:: rename the corrupted folders
Ren C:\Windows\SoftwareDistribution SoftwareDistribution.old
Ren C:\Windows\System32\catroot2 Catroot2.old
:: start services
net start wuauerv
net start cryptSvc
net start bits
net start msiserver
ECHO.
ECHO Make sure no errors above
ECHO - in particular renaming the two directories
ECHO.
Pause
```

Share

Trouble-shooting steps

1. That can't happen
2. That doesn't happen on my machine
3. That shouldn't happen
4. Why does that happen?
5. Oh, I see
6. How did that ever work?



Share

Microsoft Access

OPCUG Share Microsoft Access Primer

STEPHANE RICHARD

This presentation is
posted as a separate
PDF file

Share

Audacity - Audio Recording and Editing



The screenshot shows the Audacity website homepage. At the top left is the Audacity logo, a pair of headphones with a colorful soundwave. To its right is the word "Audacity" in a white serif font. Further right is a search bar with the text "Search ...". Below the logo and name is a navigation menu with links: "HOME", "ABOUT", "DOWNLOAD", "HELP", and "CONTACT". Below this is another row of links: "GET INVOLVED" and "COPYRIGHT". The main content area has a blue background with white text. On the left, it says "Free, open source, cross-platform audio software". To the right of this text is a screenshot of the Audacity software interface, showing a multi-track audio editor with waveforms and various controls.

Free, open source, cross-platform audio software

Audacity is an easy-to-use, multi-track audio editor and recorder for Windows, macOS, GNU/Linux and other operating systems. Developed by a group of volunteers as open source.

<https://www.audacityteam.org>



DOWNLOAD

Audacity is free software and developed by volunteers.

 **Audacity for Windows**

Windows 10

 **Audacity for macOS**

macOS 10.7 - macOS 11

 **Audacity for GNU/Linux**

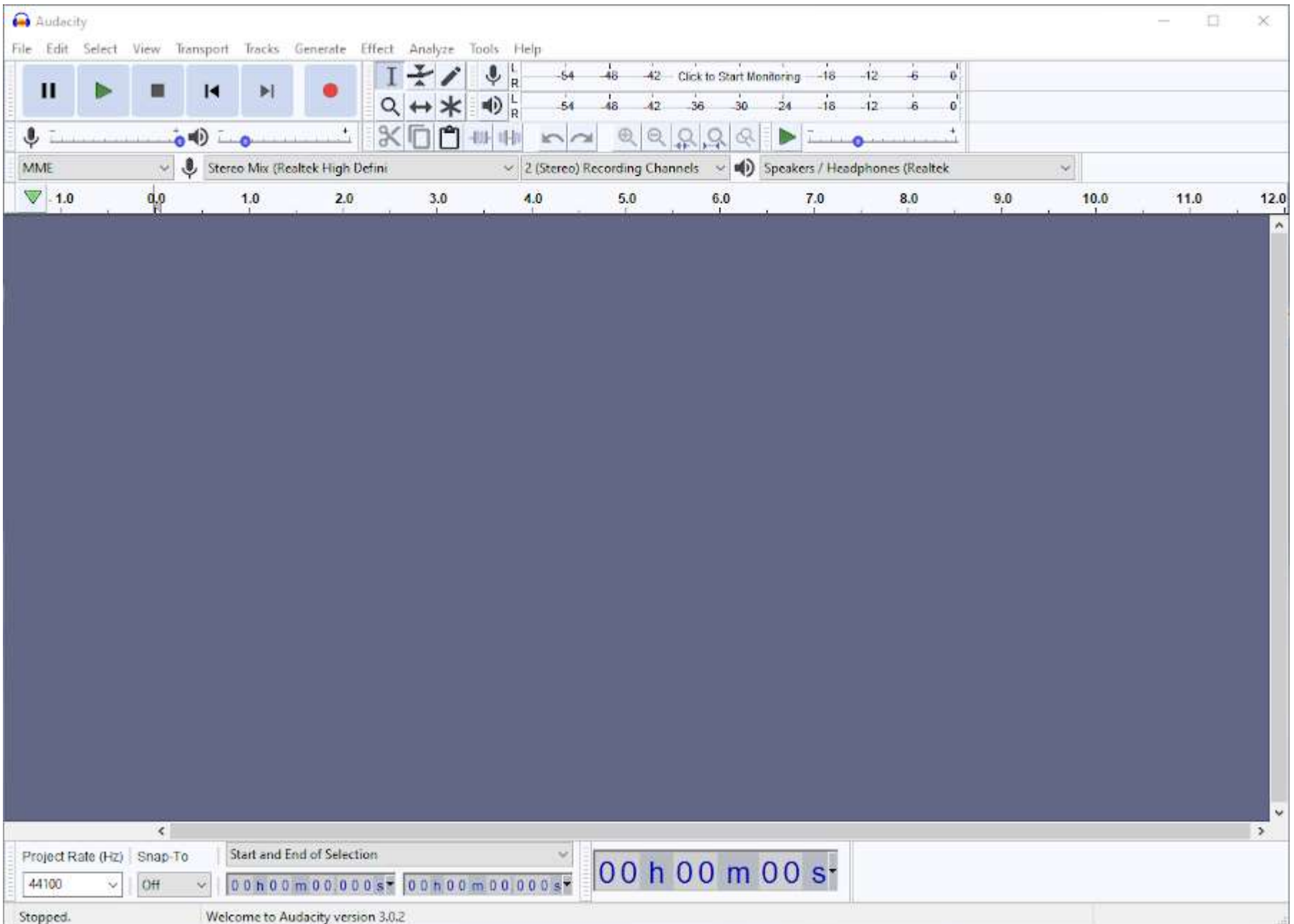
Source code

See our advice regarding [Online safety when downloading](#)

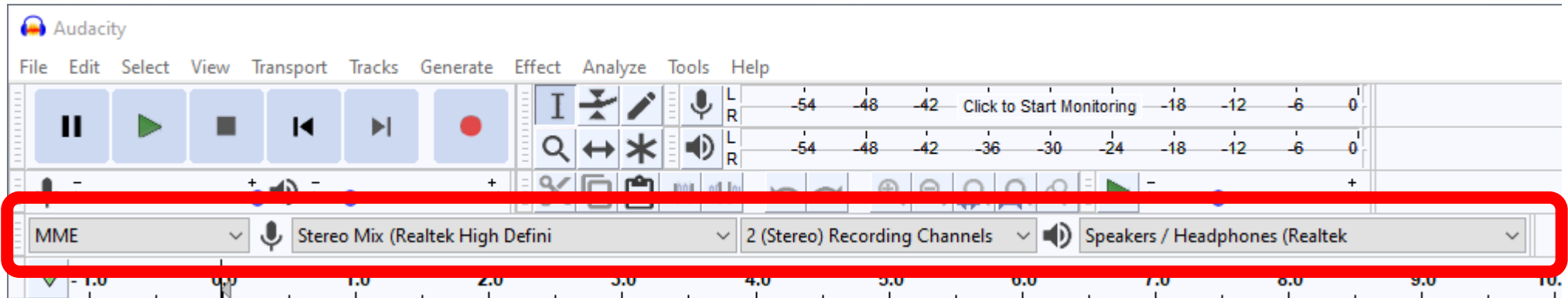
Latest Version: 3.0.2

To find out what's new in 3.0.2, visit [the New Features section](#) of the Manual.

Installed - A Blank Canvas



Settings Are Important! (Recording from the Internet)



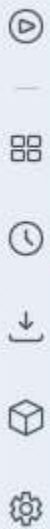
MME (*Microsoft Multimedia Environment*)

Input = Stereo Mix (Realtek* High Defini)

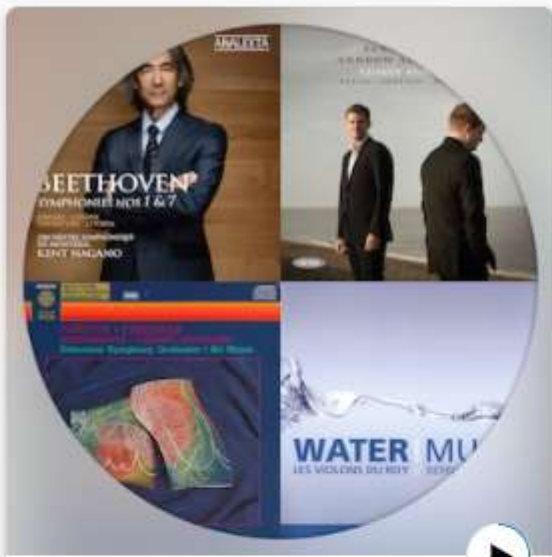
2 (Stereo) Recording Channels

Output = Speakers/Headphones (Realtek)

* *Realtek High Definition Audio (Sound Card)*



CBC LISTEN



Julie Nesrallah's Tempo




Classical Serenity



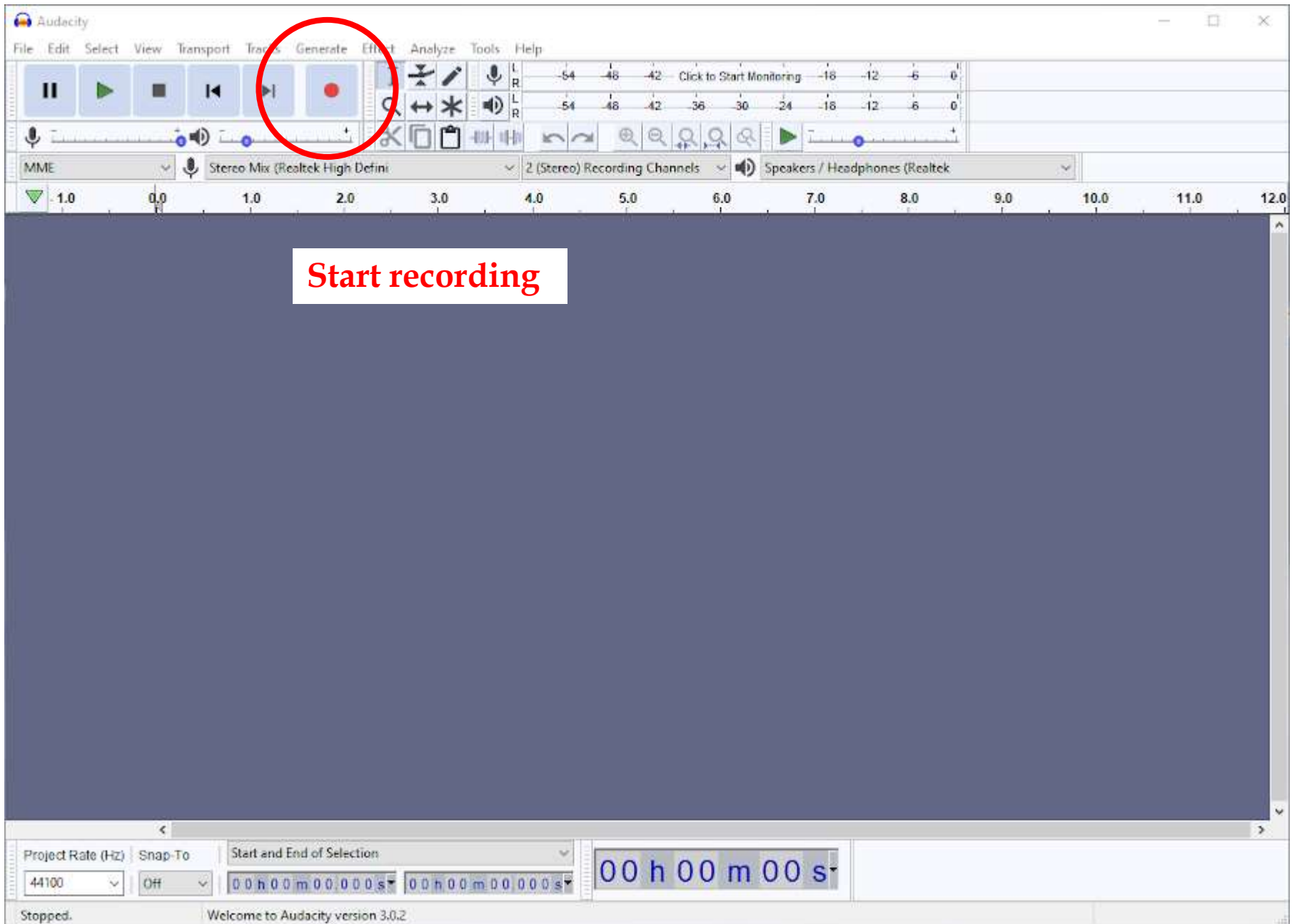
Essential Classics



2:35 6:06

▶  **JULIE NESRALLAH'S TEMPO**
 Dvorak- Antonin · Wind Serenade in D Minor, Op44/ Mvt 2 by Sabine Meyer Wind Ensemble

▶▶ 🔊 ⋮



Start recording

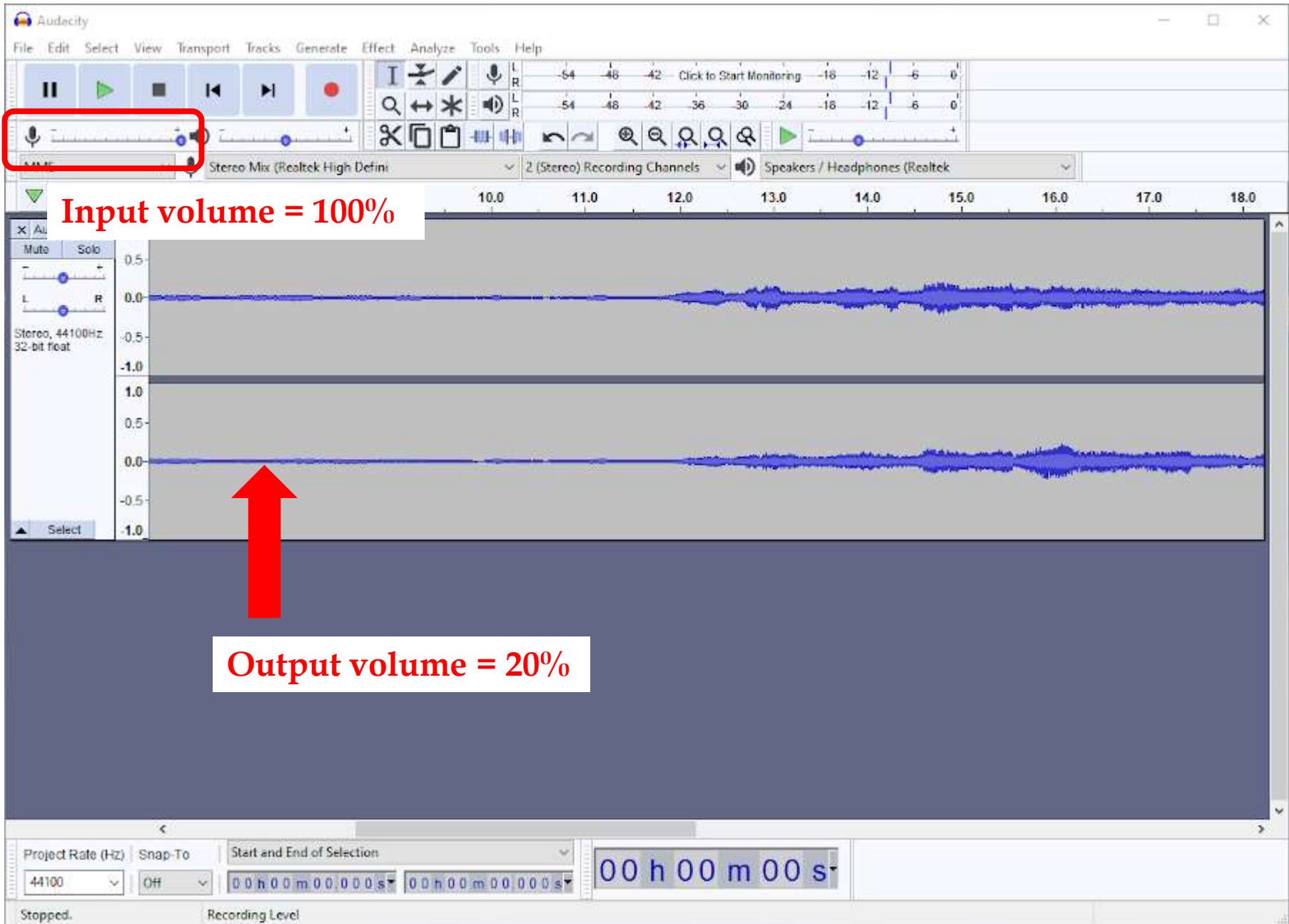
Audacity

File Edit Select View Transport Tracks Generate Effect Analyze Tools Help

1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0 9.0 10.0 11.0 12.0

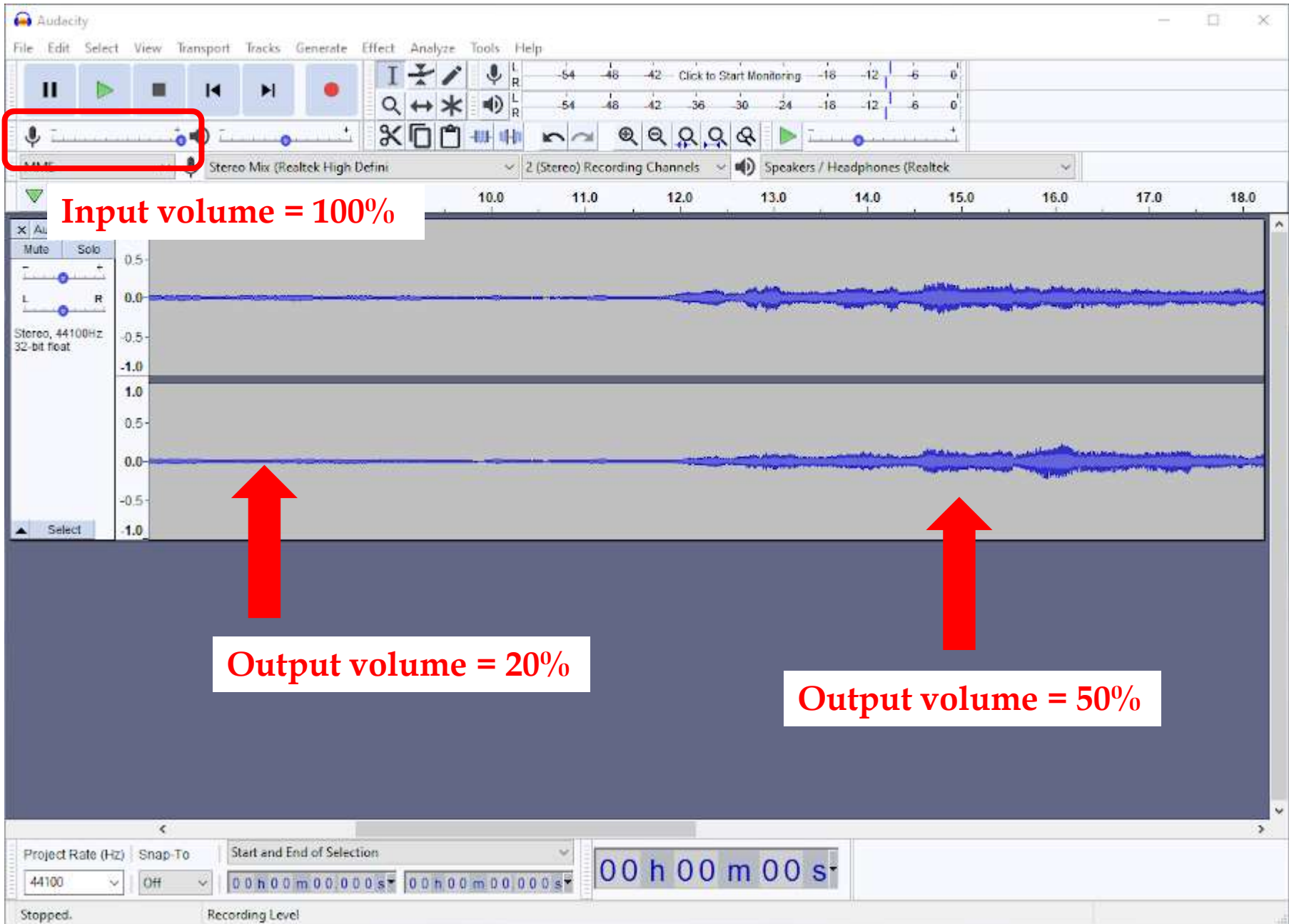
X Audio Track
Mute Solo
L R
Stereo, 44100Hz
32-bit float
Select

Project Rate (Hz) 44100 Snap-To Off Start and End of Selection
00 h 00 m 09 s
Recording. Disk space remaining for recording: 7 hours and 47 minutes. Actual Rate: 44100



Input volume = 100%

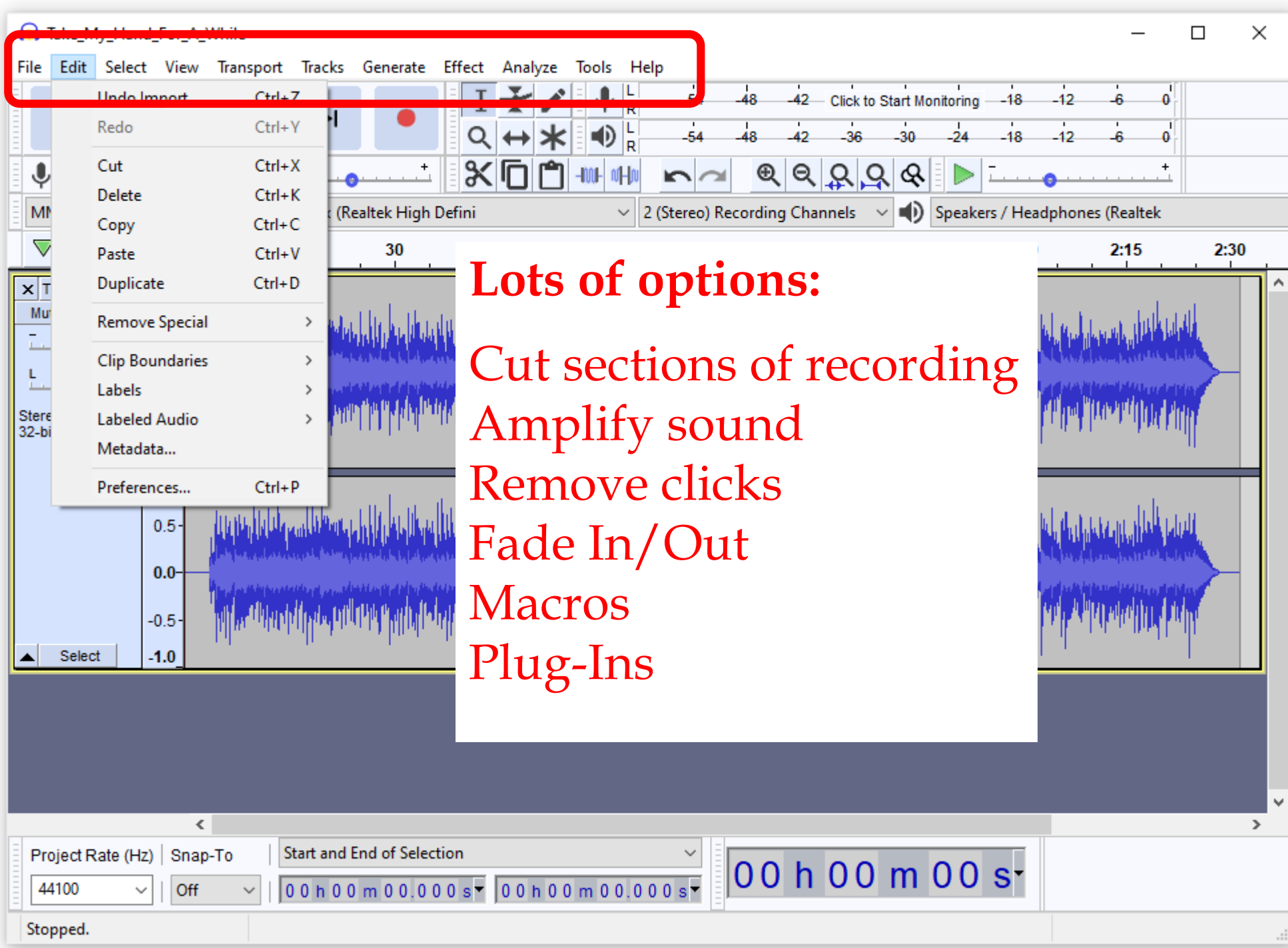
Output volume = 20%



Input volume = 100%

Output volume = 20%

Output volume = 50%



Lots of options:

Cut sections of recording

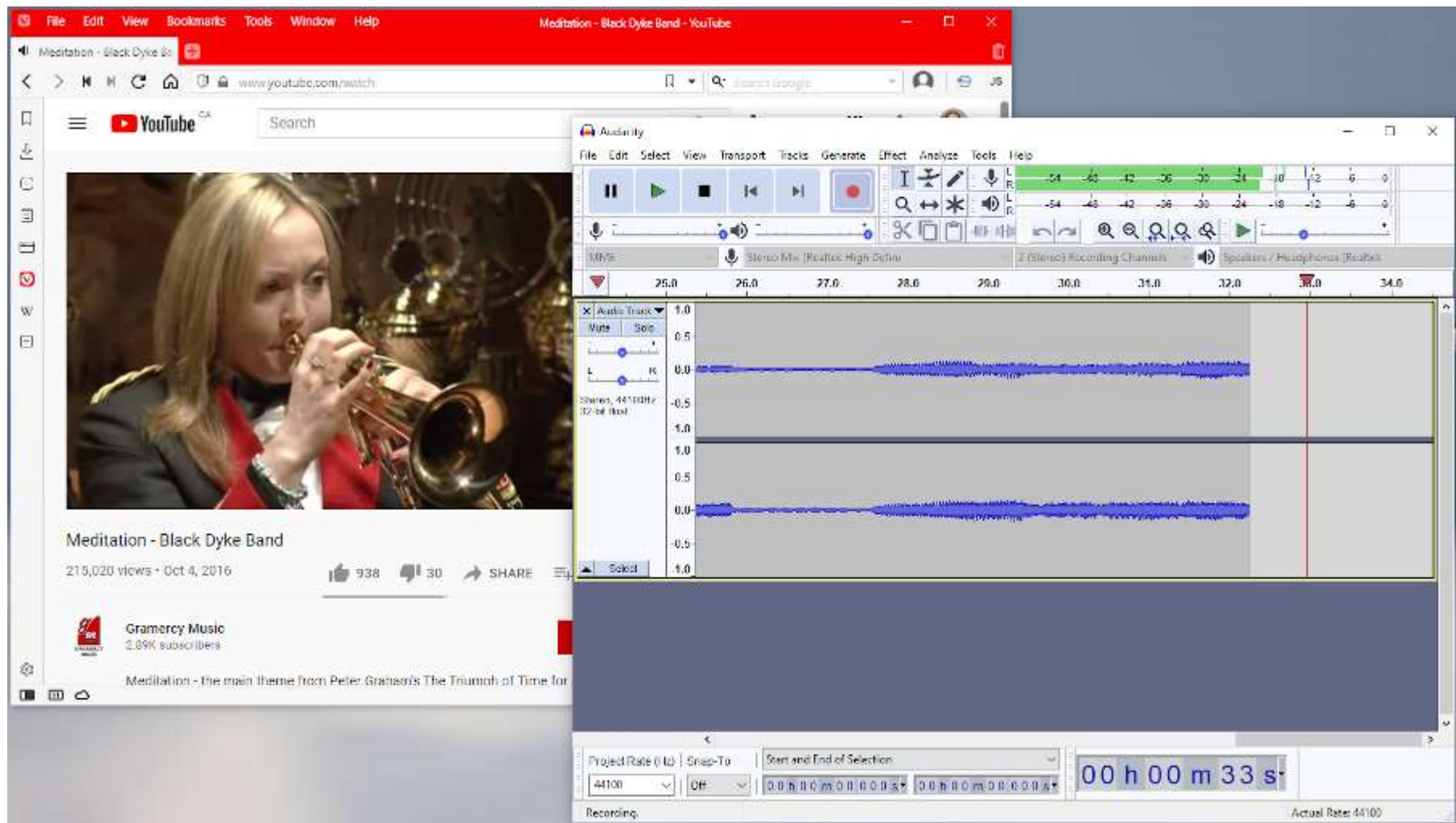
Amplify sound

Remove clicks

Fade In/Out

Macros

Plug-Ins



Black Dyke Band

<https://www.youtube.com/watch?v=TV4fKuRviHM>

Transport controls: Play, Stop, Previous, Next, Record.

Editing tools: Undo, Redo, Copy, Paste, Erase, Select, Lasso, Zoom In, Zoom Out, Zoom Reset, Repeat, Undo, Redo, Copy, Paste, Erase, Select, Lasso, Zoom In, Zoom Out, Zoom Reset, Repeat.

Volume meters: L, R channels with levels from -54 to 0.

Microphone input level control.

MME | Stereo Mix (Realtek High Defini) | 2 (Stereo) Recording Channels | Speakers / Headphones (Realtek)

1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0 9.0



Project Rate (Hz) | Snap-To | Start and End of Selection

44100 | Off | 00 h 00 m 00.000 s | 00 h 00 m 00.000 s

00 h 00 m 00 s

Stopped.

Audacity

File Edit Select View Transport Tracks Generate Effect Analyze Tools Help

Audio Track

Mute Solo

L R

Stereo, 44100Hz
32-bit float

Select

Project Rate (Hz) Snap-To Start and End of Selection

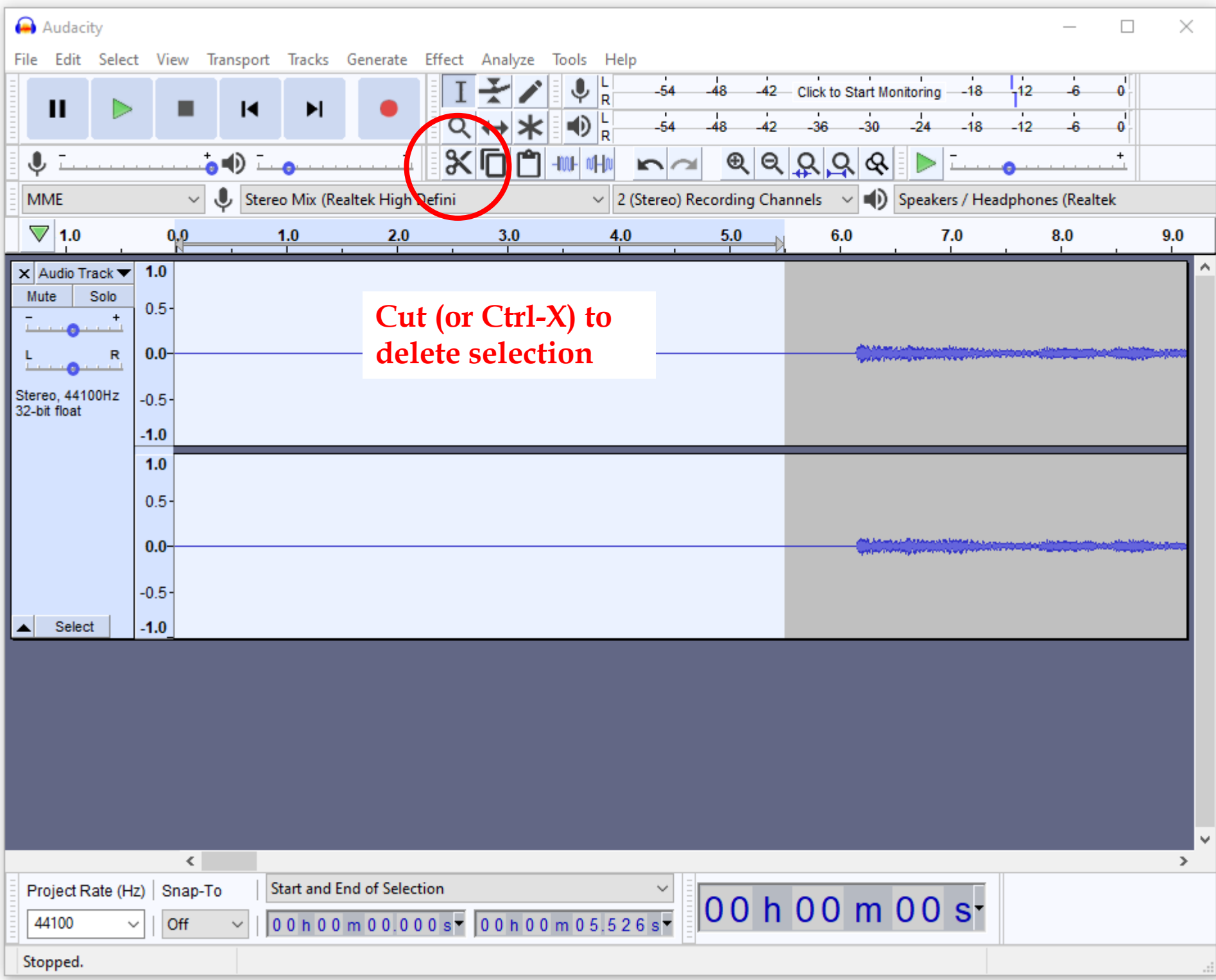
44100 Off 00 h 00 m 00.000 s 00 h 00 m 05.526 s

00 h 00 m 00 s

Stopped.

The screenshot shows the Audacity interface with a single audio track selected. A red arrow points from the text box to the selected portion of the recording. The text box contains the instruction: "Click and drag mouse to select portion of recording". The track is labeled "Audio Track" and has a volume level of 1.0. The project rate is 44100 Hz and the snap-to is off. The start and end of the selection are 00 h 00 m 00.000 s and 00 h 00 m 05.526 s respectively. The status bar shows "Stopped."

**Click and drag mouse to
select portion of recording**



Cut (or Ctrl-X) to delete selection

Transport controls: Play, Stop, Previous, Next, Record. Editing tools: Undo, Redo, Copy, Paste, Delete, Erase, Select. Playback controls: Mute, Solo, Volume. Metering: L, R channels with levels from -54 to 0.

Input/Output selection: MME, Stereo Mix (Realtek High Defini), 2 (Stereo) Recording Channels, Speakers / Headphones (Realtek). Volume sliders for input and output.



Track properties panel for 'Audio Track': Mute, Solo, volume sliders for L and R channels. Format: Stereo, 44100Hz, 32-bit float. Select button.

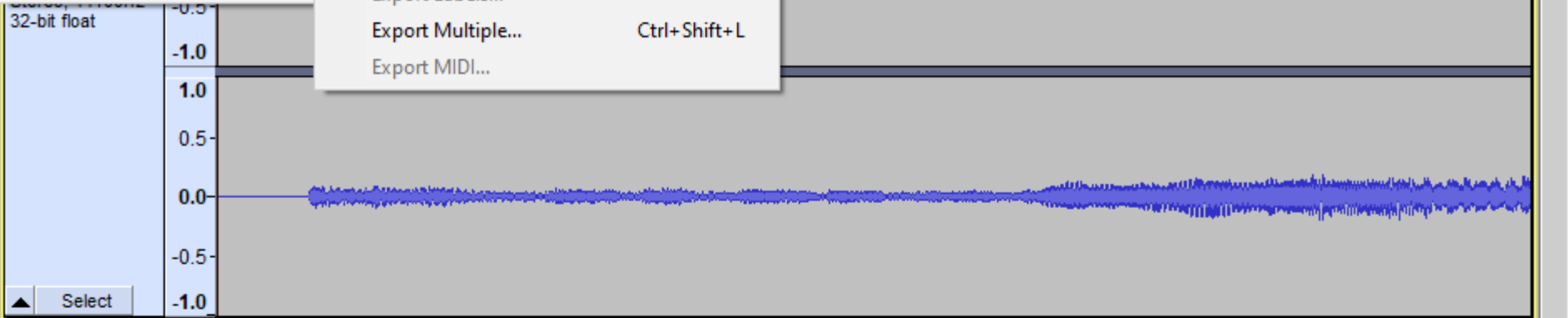
Project Rate (Hz): 44100. Snap-To: Off. Start and End of Selection: 00 h 00 m 00.000 s. Time display: 00 h 00 m 00 s.

Stopped.

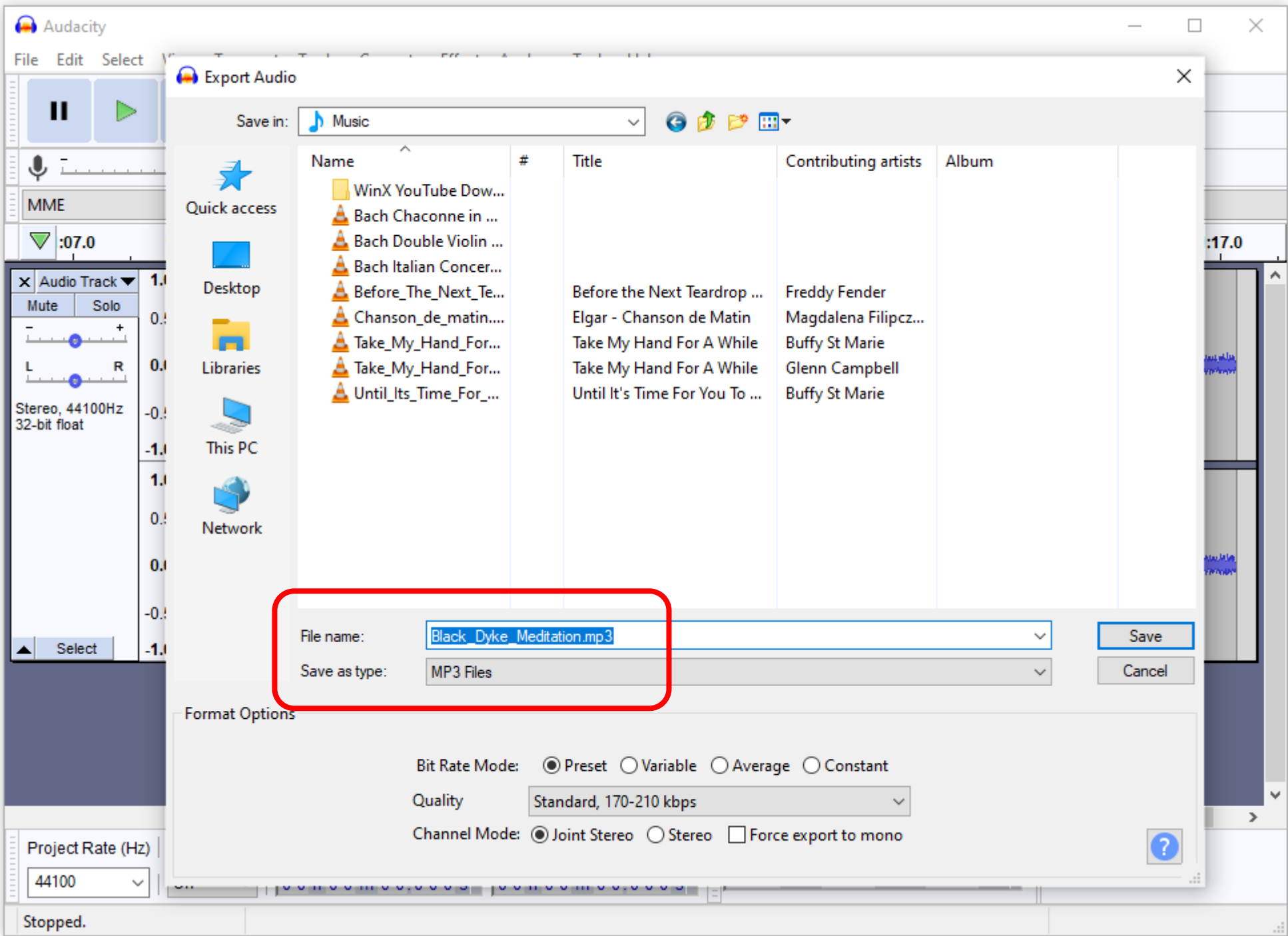
- New Ctrl+N
- Open... Ctrl+O
- Recent Files >
- Close Ctrl+W
- Save Project >
- Export >
- Import >
- Page Setup...
- Print...
- Exit Ctrl+Q

Audio level meters and transport controls. Includes buttons for play, stop, and various editing tools. The meters show levels for L and R channels with a scale from -54 to 0. Below the meters, it displays 'Stereo Mix (Realtek High Defini)' and '2 (Stereo) Recording Channels' with a speaker icon and 'Speakers / Headphones (Realtek)'. A time axis at the bottom of this section shows markers at 4.0, 5.0, 6.0, 7.0, 8.0, and 9.0.

- Export as MP3
- Export as WAV
- Export as OGG
- Export Audio... Ctrl+Shift+E
- Export Selected Audio...
- Export Labels...
- Export Multiple... Ctrl+Shift+L
- Export MIDI...



Project Rate (Hz) 44100 | Snap-To Off | Start and End of Selection 00 h 00 m 00.000 s | 00 h 00 m 00.000 s | 00 h 00 m 00 s



File name:

Black_Dyke_Meditation.mp3

Save as type:

MP3 Files

WAV (Microsoft)

Other uncompressed files

MP3 Files

Ogg Vorbis Files

B FLAC Files

MP2 Files

Q (external program)

M4A (AAC) Files (FFmpeg)

C AC3 Files (FFmpeg)

AMR (narrow band) Files (FFmpeg)

Opus (OggOpus) Files (FFmpeg)

WMA (version 2) Files (FFmpeg)

Custom FFmpeg Export

Edit Metadata Tags



Use arrow keys (or ENTER key after editing) to navigate fields.

Tag	Value
Artist Name	
Track Title	
Album Title	
Track Number	
Year	
Genre	
Comments	

Add

Remove

Clear

Genres

Edit...

Reset...

Template

Load...

Save...

Set Default

Don't show this when exporting audio

OK

Cancel





Black_Dyke_Meditation.mp3

Resource documents

Copying vinyl to CD for less than five bucks

https://opcug.ca/Reviews/vinyl_to_CD.htm

https://opcug.ca/Reviews/vinyl_to_CD_part2.htm

Recording Directly from a Sound Card

<https://opcug.ca/Reviews/audacity.htm>





File Transfer from IBM-XT

- I have a slot car racing track with PC-controlled lap timing





File Transfer from IBM-XT



- The timing system runs as a BASIC program on an IBM-XT
- The printer port is used to interface to the various sensors and counters.



File Transfer from IBM-XT

- The XT has a 5.25" floppy drive BUT I don't have this technology on any other computer!
- How can I transfer a copy of the program to my Windows 10 machine?

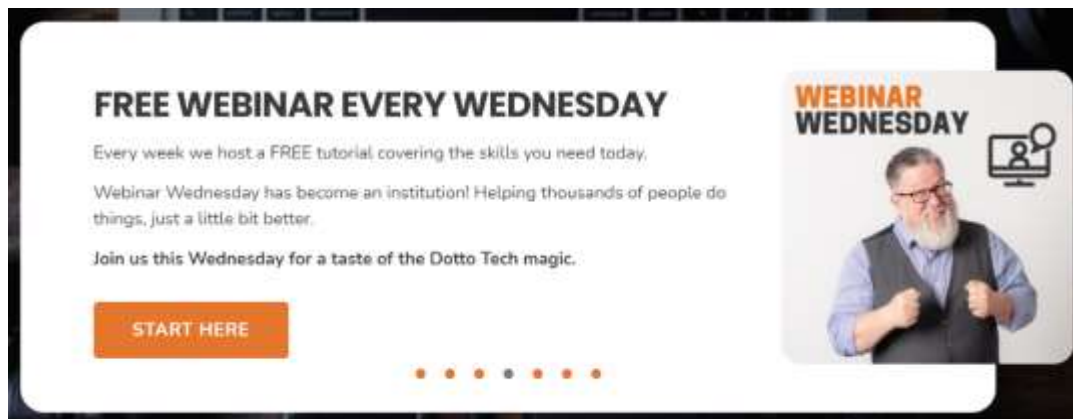
```
270 NCAR=NCAR+1
280 READ CAR$(NCAR),CAR(NCAR,1),CAR(NCAR,2),CAR(NCAR,3)
290 IF CAR$(NCAR)="OTHER" GOTO 310
300 GOTO 270
310 NCAR=NCAR-1
320 REM ***** ENABLE F1 AS HELP KEY *****
330 KEY(1)ON : REM HELP KEY
340 ON KEY(1) GOSUB 2270
350 KEY(1) ON
360 REM ***** ESTABLISH LANE INTERRUPTS *****
370 ON STRIG(0) GOSUB 1150
380 ON STRIG(2) GOSUB 1520
390 ON STRIG(4) GOSUB 1900
```

Share

Dotto Tech Webinar Wednesday

- Free webinars every Wednesday, 4 pm
 - *“Each week we share a timely topic chock filled with tips for building your business, productivity, add efficiencies to your day today, and more!”*
 - <https://dottotech.lpages.co/>

Eldon Gaw



FREE WEBINAR EVERY WEDNESDAY


Every week we host a FREE tutorial covering the skills you need today.

Webinar Wednesday has become an institution! Helping thousands of people do things, just a little bit better.

Join us this Wednesday for a taste of the Dotto Tech magic.

[START HERE](#)

WEBINAR WEDNESDAY



WEBINAR WEDNESDAY

Spring Cleaning Made Easy

FREE · Live Webinar · June 9th
1pm PDT · 4pm EDT · 9pm BST



WIFI 6 Mesh

- Has anyone been using the *ASUS ZenWiFi AX (XT8)* Wi-Fi 6 Mesh?
- A PC Magazine review ranked it No. 1
The Best Wi-Fi Mesh Network Systems for 2021
<https://www.pcmag.com/picks/the-best-wi-fi-mesh-network-systems>
- Does anyone have an opinion?

Question may be moot - the reviews on Amazon are not that great!

Stephane Richard





Reliability of On-Line Opinions?

- Is an Amazon review from a "verified purchase" worth more than any other review?
- Is a tech magazine more trustworthy than an "influencer"?
- Do all reviewers disclose if they got a product for free?
- Or, if they got the product for free in return for a positive review?





**Any other:
Questions
Comments
Shares?**

Typography - The Art and Science of Written Communications

Monday, June 14, 2021; 4:00 pm

type can be
elegant
easy to read
bold
eye-catching
emotive
...and beautiful



Chris Taylor

Register at <https://bibliottawalibrary.ca/en/program?text=tech+cafe>

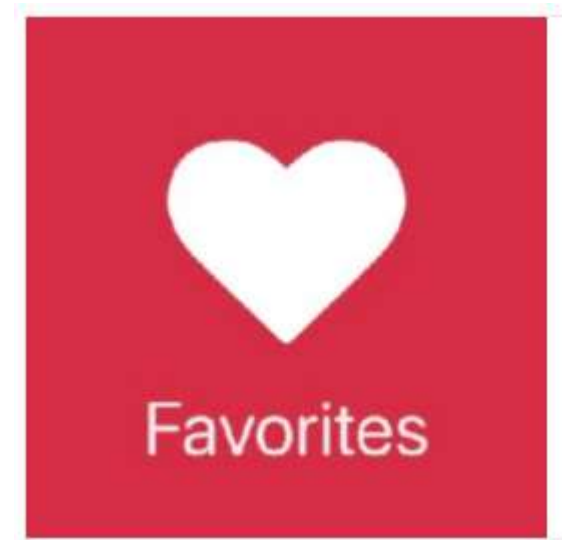
Members' Favourites

September 8, 2021



Your name* goes here

** Remember, we have a prize for the member giving the best presentation!*



Members' Favourites

My favourite **whatchamacallit**

Have you noticed that presentations at Members' Favourites' nights are almost exclusively given by Board members? We want to change this by re-activating an idea from a year ago - with a twist! We have scheduled a Members' Favourites' night for September, 2021. At this meeting we will offer a 2TB portable USB drive as the prize for the member giving the best presentation.

Board of Directors (prize.) A real-time poll of all those present to determine the members' favourite!

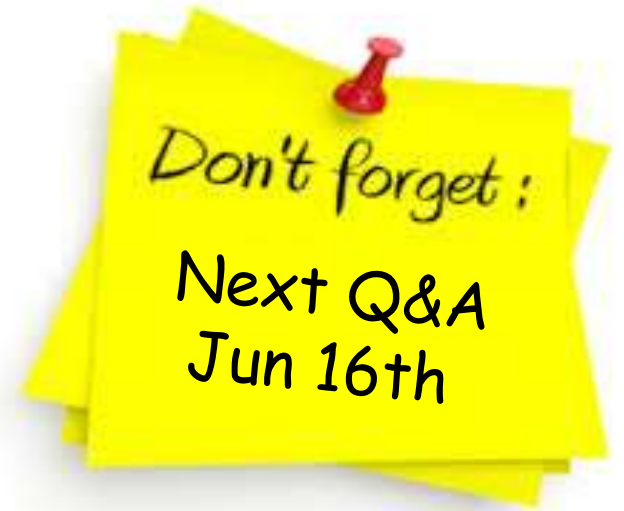
You have lots of time to choose, sharpen your ideas, get involved, and create a presentation piece with which to impress during your presentation - and a possible win!



- Best presentation
- 10-20 minutes
- Club member
- BOD excluded
- People's favourite!
(Real-time poll)

*2 TB Portable
USB Drive*

*Reserve your presentation slot:
SuggestionBox@opcug.ca*



**Send your questions,
answers, and topics
you wish to share to:**

SuggestionBox@opcug.ca

