

# EasyNow

*An Approach to*

*Multiple Media Delivery*

*Oral Deliveries*



A close-up photograph of a person's open mouth, showing the tongue and throat. The word "Voice" is written in a bright yellow, cursive font across the center of the mouth. The background is a soft, warm orange color.

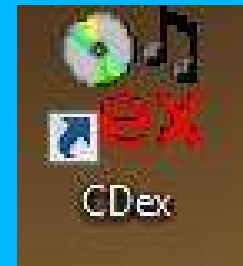
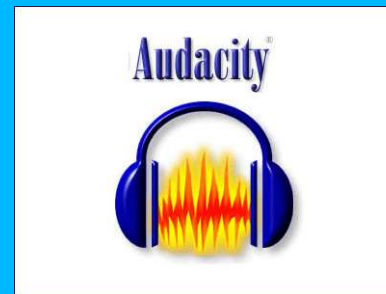
*Voice*

# The Audio



# Products:

1. Audacity
2. Cdex





Home About Download

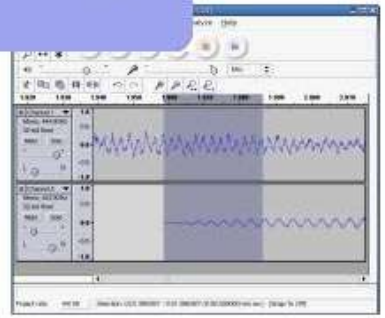
<http://audacity.sourceforge.net/>

### The Free, Cross-Platform

Audacity is free, open source software for Microsoft Windows, GNU/Linux, and other operating systems. [Learn more about Audacity...](#) Also check our [Wiki](#) and [Forum](#) for more information.

The latest release of Audacity is [1.3.5 \(beta\)](#). Because it is a work in progress and does not yet come with complete documentation or translations into foreign languages, it is recommended for more advanced users. See [New Features in 1.3](#) for more information about the 1.3.x beta series.

For all users, [Audacity 1.2.6](#) is a stable release, complete and fully documented. You can have Audacity 1.2.6 and 1.3.5 installed on the same machine.



[Download Audacity 1.2.6](#)  
for Microsoft Windows



- LAME Home
- Get I AMF
- About LAME
- Using I AMF
- Inside LAME
- LAME Links
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## The LAME Project

LAME is a high quality MPEG Audio Layer III (MP3) encoder licensed under the LGPL.

**Latest I AMF release: v3.98.1 (September 2008)**

LAME development started around mid-1998. Mike Cheng started it as a patch against the 6Hz-MP3 encoder sources. After some quality concerns raised by others, he decided to start from scratch based on the dist10 sources. His goal was only to speed up the dist10 sources, and leave its quality untouched. That branch (a patch against the reference sources) became Lame 2.0, and only on Lame 3.6.1 did we replace of all dist10 code, making LAME no more only a patch.

The project quickly became a team project. Mike Cheng eventually left leadership and started working on toolame, an MP3 encoder. Mark Taylor became leader and started pursuing increased quality in addition to better speed. He can be considered the initiator of the I AMF project in its current form. He released version 3.0 featuring psycho, a new psychoacoustic model he developed.

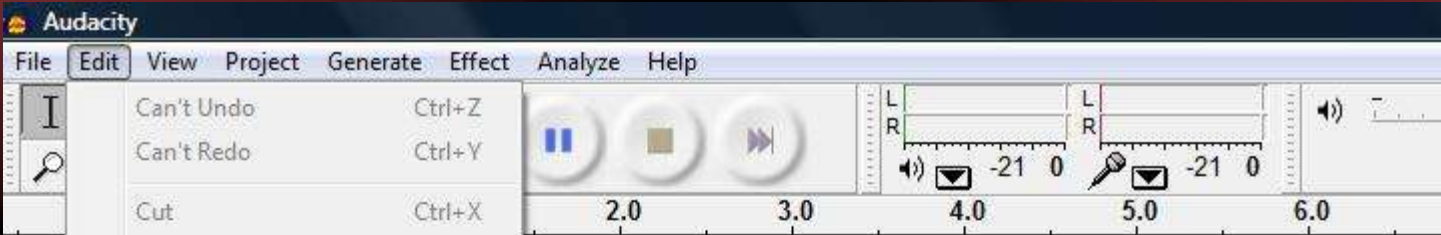
In early 2003 Mark left project leadership, and since then the project has been lead through the cooperation of the active developers (currently 4 individuals).

Today, LAME is considered the best MP3 encoder at mid-high bitrates and at VBR, mostly thanks to the dedicated work of its developers and the open source licensing model that allowed the project to tap into engineering resources from all around the world. Both quality and speed improvements are still happening, probably making LAME the only MP3 encoder still being actively developed.



Useful links and downloads by [Roberto Rosoni](#), [Lubertus Plewa](#) and by [Lame Links](#)

<http://lame.sourceforge.net/>



Preferences... Ctrl+P

Select

## Audacity Preferences

Audio I/O | Quality | File Formats | Spectrograms | Directories | Interface | Keyboard | Mouse

When importing uncompressed audio files into Audacity

- Make a copy of the file before editing (safer)
- Read directly from the original file (faster)

Uncompressed Export Format

WAV (Microsoft 16 bit PCM) ▾

WAV (Microsoft), Signed 16 bit PCM

OGG Export Setup

OGG Quality:  0 ————— 10

MP3 Export Setup

MP3 Library Version: MP3 exporting plugin not found

Find Library

Bit Rate:  ▾

Cancel

OK



**DOWNLOAD CDEX**

**<http://cdexos.sourceforge.net/?q=download>**

**Audio**

**Capture  
Preparation  
Delivery**

# Audio Capture

1. Record Audio from Script (Reading Out)
2. Prepare Text for Speech Conversion
3. Video Files/ACD (if Readily Available)

# **Audio Preparation**

- 1. Convert Wav files to .mp3**
- 2. Text to Audio**
- 3. Extract Audio from Video Files**  
**Convert ACD to .mp3 or Wav Audio Files**

# **Audio Delivery**

- 1. Media Player : .wma Streaming**
- 2. Real Media : Ram files**
- 3. mp3 Files**
- 4. Java Objects to delivery the files  
on net**

Audacity Preferences

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Uncompressed Export Format

Export MP3



Audacity does not export MP3 files directly, but instead uses the freely available LAME library to handle MP3 file encoding. You must obtain lame\_enc.dll separately, by downloading the LAME MP3 encoder, and then locate this file for Audacity. You only need to do this once.

Would you like to locate lame\_enc.dll now?

Yes

No

Cancel

OK

Audacity Preferences

Where is lame\_enc.dll?

Navigation: << lame ▶ libmp3lame-3.97 Search

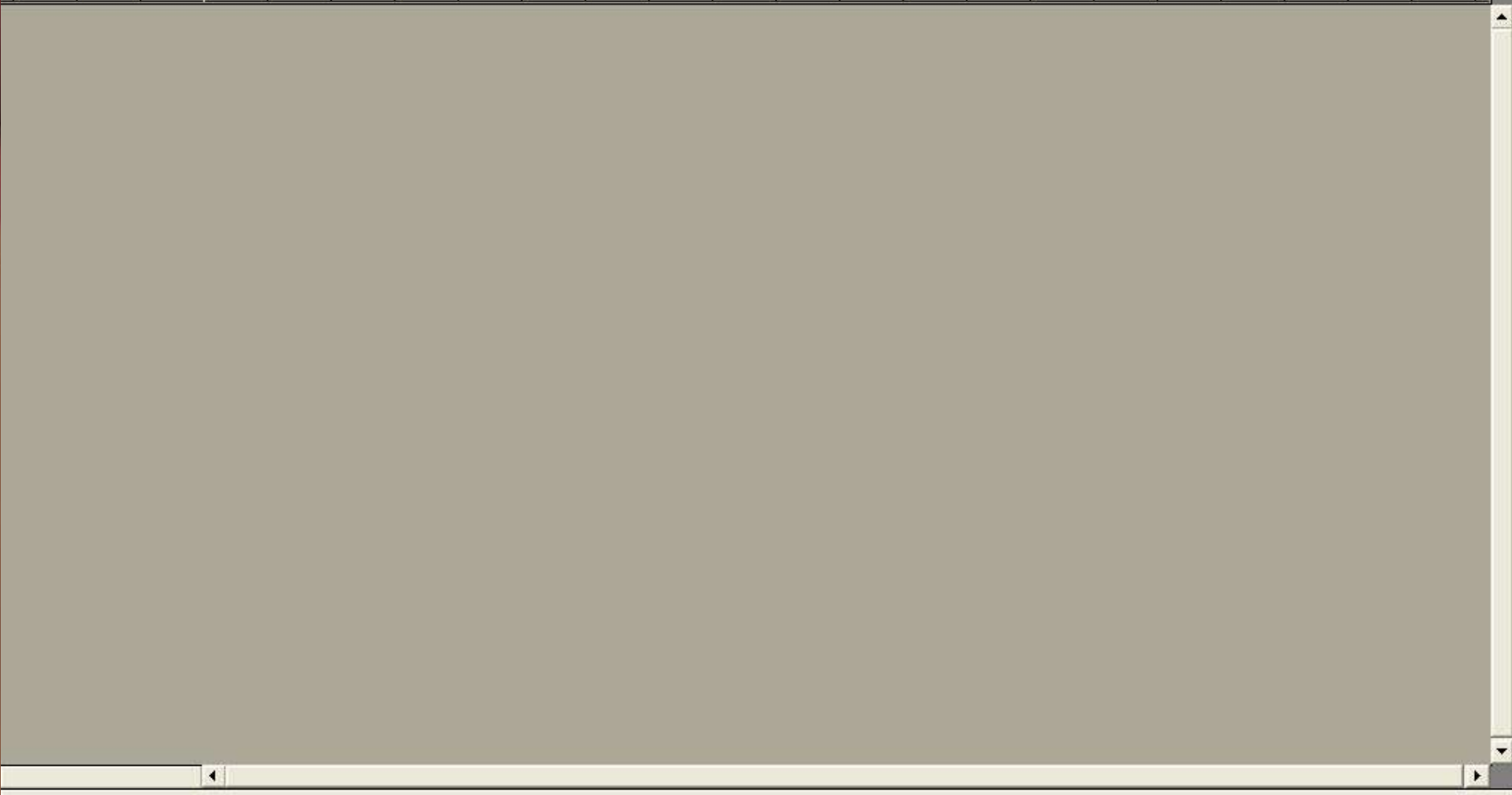
Organize Views New Folder

Name	Date modif...	Type	Size
lame_enc.dll			

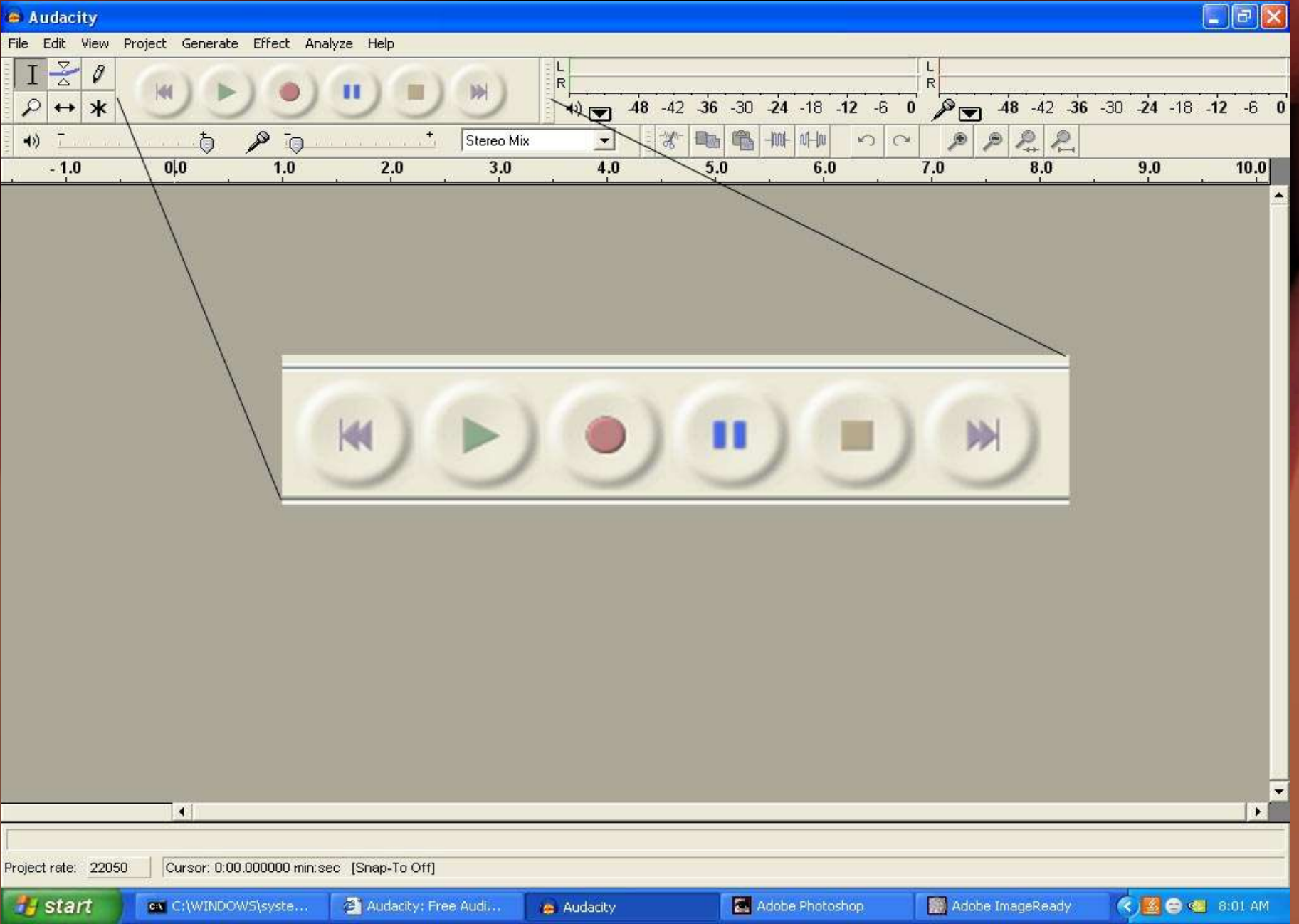
Favorite Links: Desktop, Recent Places, Computer, Documents, Pictures, Music, Recently Changed, Searches, Public

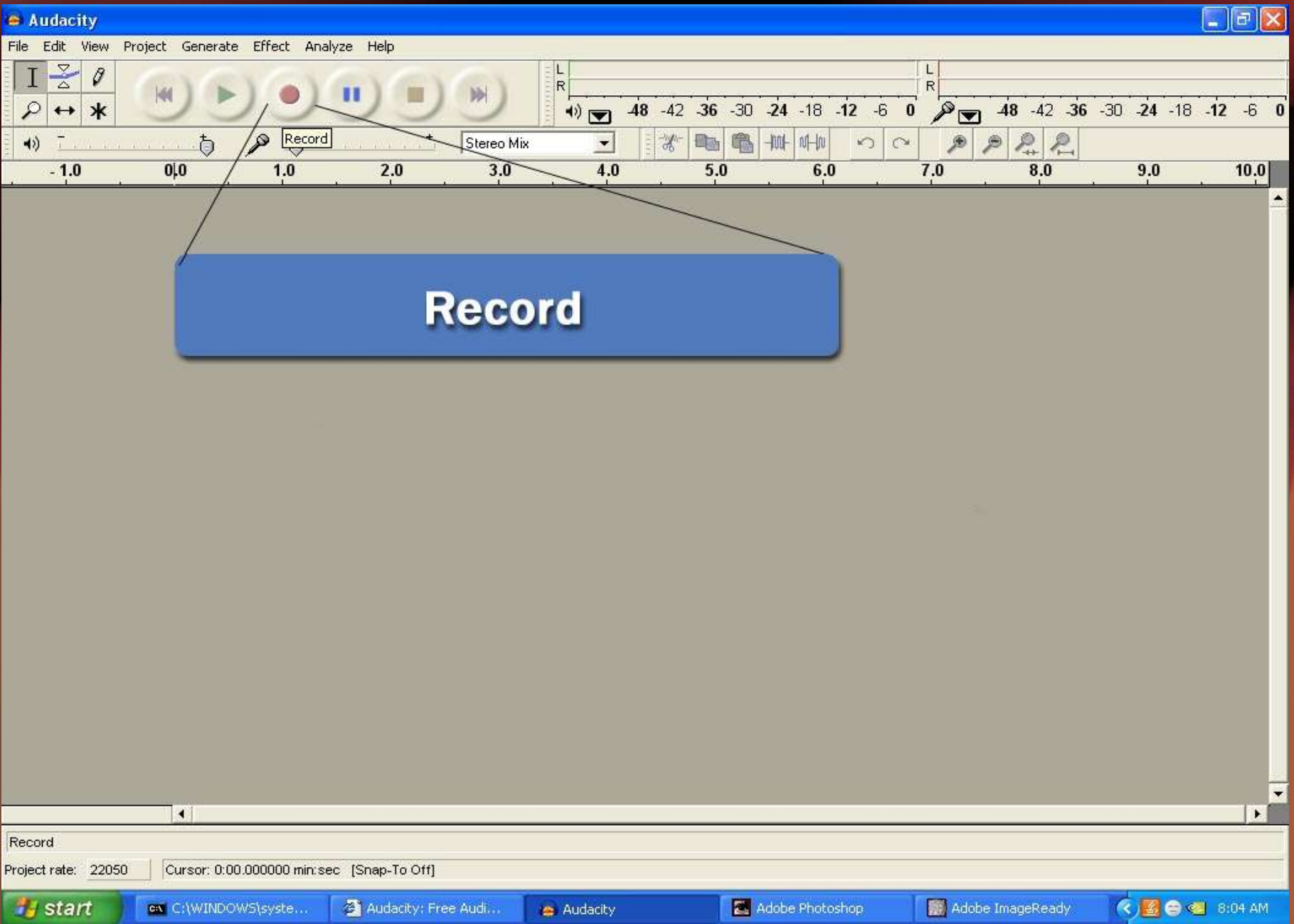
File name: lame\_enc Only lame\_enc.dll

Open Cancel



Project rate: 22050    Cursor: 0:00.000000 min:sec [Snap-To Off]





**Audacity** [Window Controls]

File Edit View Project Generate Effect Analyze Help

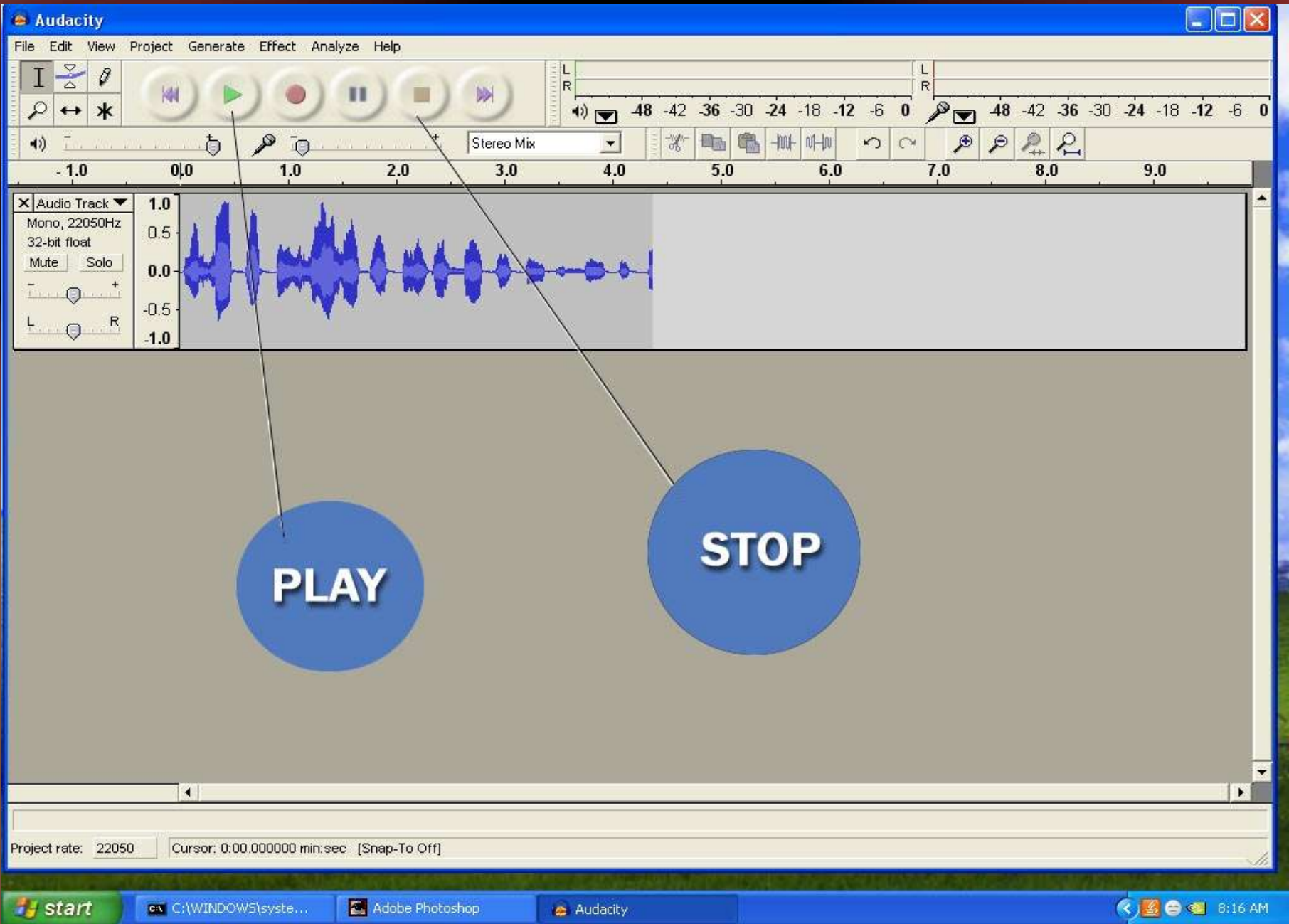
Tools: I, Split, Erase, Zoom, Undo, Redo, Play, Stop, Record, Pause, Next, Previous

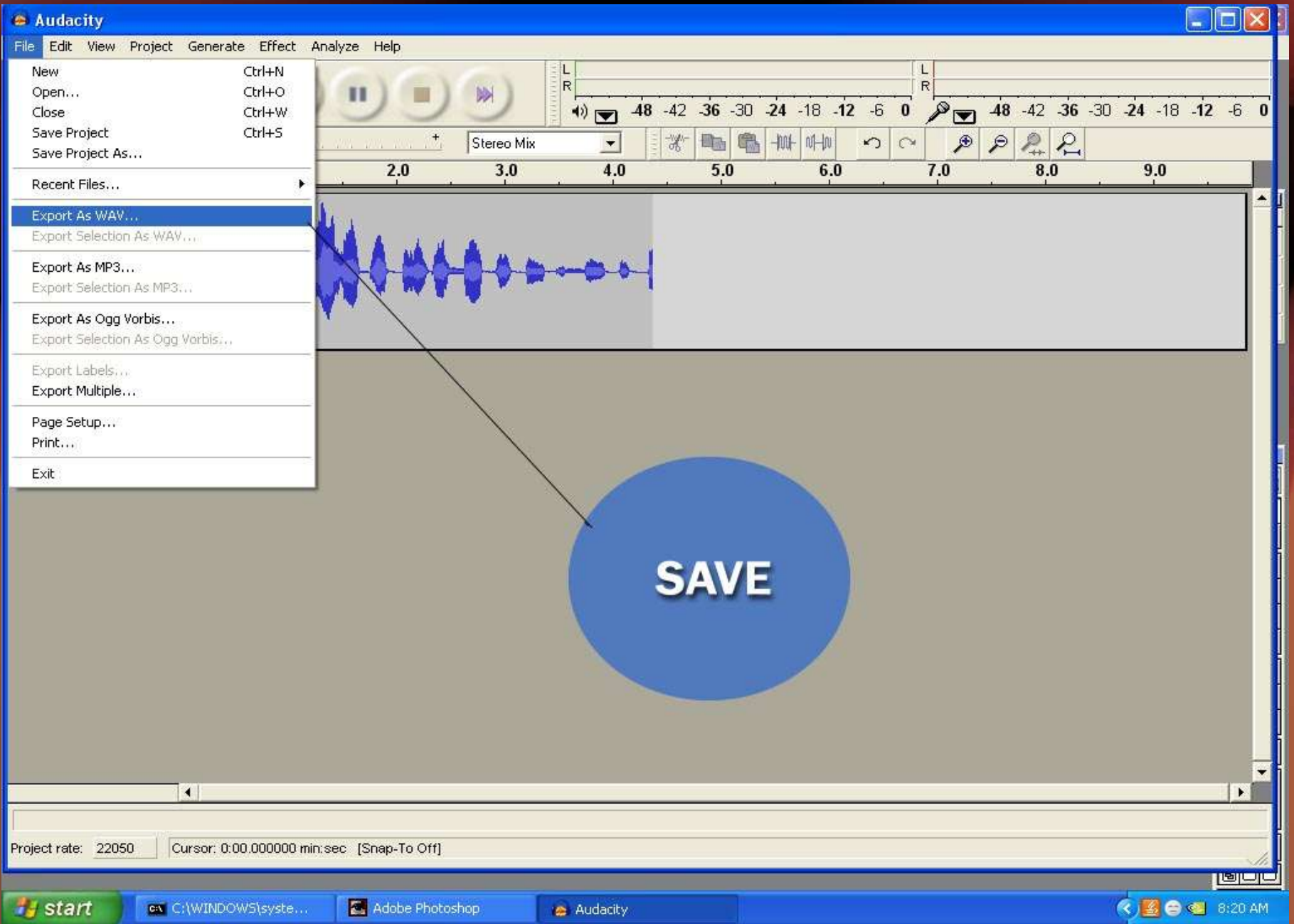
Volume: L, R | -48 -42 -36 -30 -24 -18 -12 -6 0

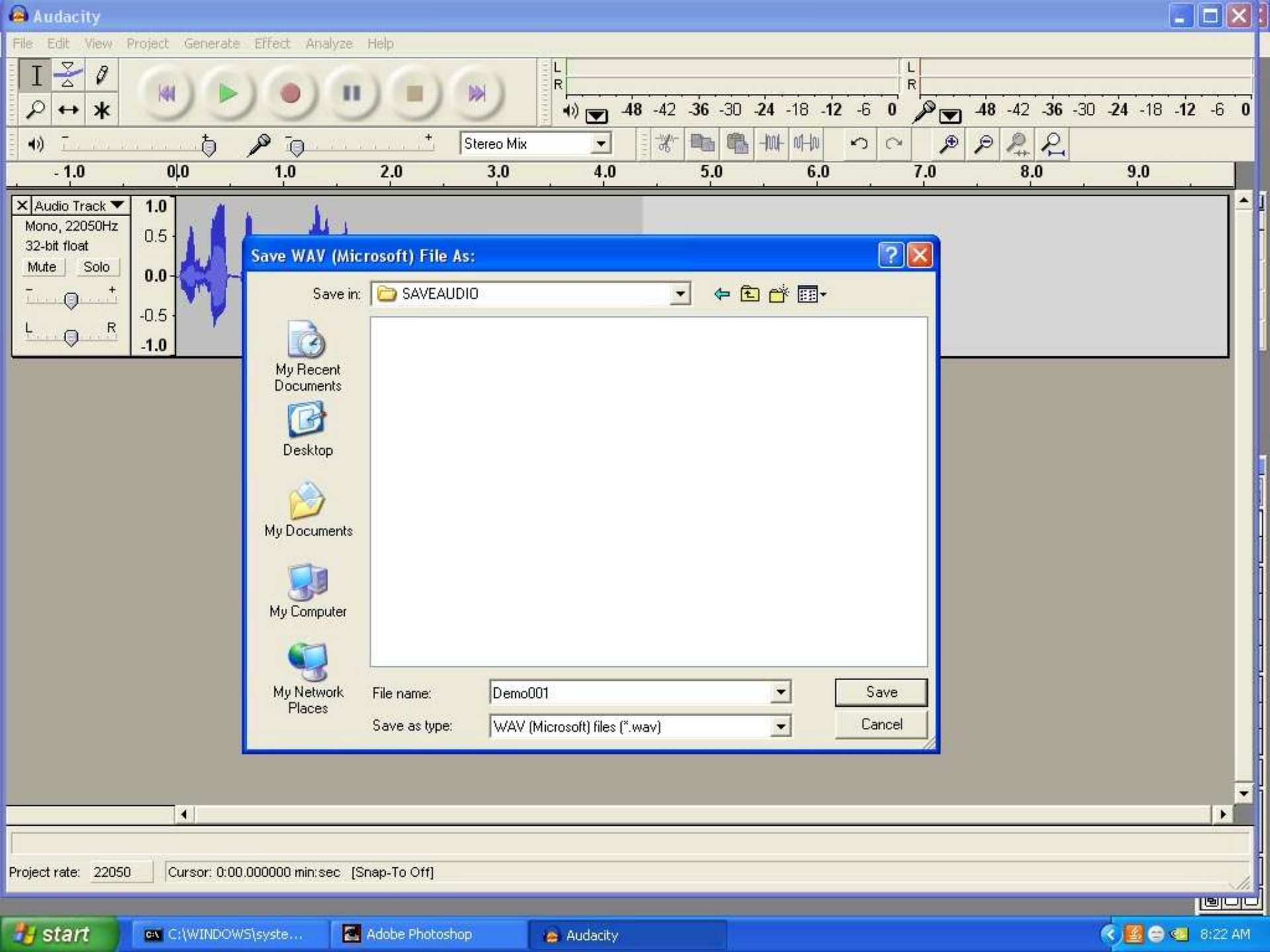
Input: Stereo Mix | Mute, Solo, Volume, Pan, L, R

Timeline: -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0 9.0

Audio Track: X Audio Track  
Mono, 22050Hz  
32-bit float  
Mute Solo  
Volume: - +  
Pan: L R







X Audio Track ▾  
 Mono, 22050Hz  
 32-bit float  
 Mute Solo  
 -1.0 0.5 0.0 -0.5 -1.0  
 L R

**Save WAV (Microsoft) File As:**

Save in:

- My Recent Documents
- Desktop
- My Documents
- My Computer
- My Network Places

File name:

Save as type:

Save Cancel

- New Ctrl+N
- Open... Ctrl+O
- Close Ctrl+W
- Save Project Ctrl+S
- Save Project As...
- Recent Files...
- Export As WAV...
- Export Selection As WAV...
- Export As MP3...
- Export Selection As MP3...
- Export As Ogg Vorbis...
- Export Selection As Ogg Vorbis...
- Export Labels...
- Export Multiple...
- Page Setup...
- Print...
- Exit

Audio playback controls including play, stop, and next buttons. A volume meter shows levels for Left (L) and Right (R) channels with a scale from -48 to 0. A 'Stereo Mix' dropdown menu is visible.

**Select one or more audio files...**

Look in: SAVEAUDIO

Files list: Demo001

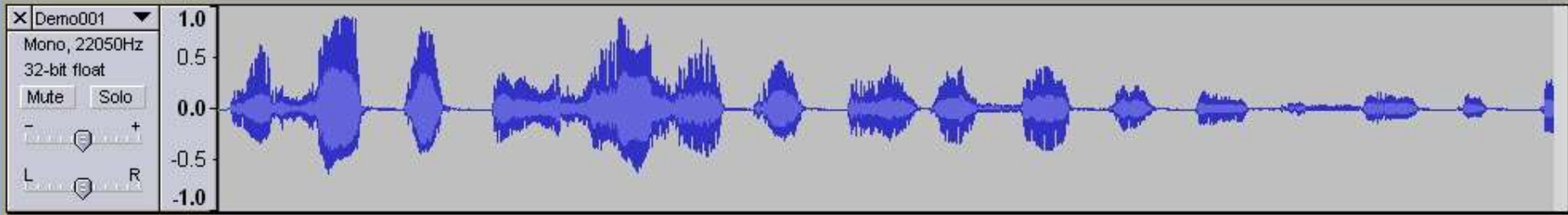
File name:

Files of type: All files (\*.\*)

Open as read-only

Buttons: Open, Cancel

Transport and mixer controls including play, stop, and volume sliders. The mixer shows two channels, L and R, with a 'Stereo Mix' dropdown menu. The volume scale ranges from -48 to 0 dB.



audio01

File Edit View Project Generate Effect Analyze Help

Editing toolbar with icons for selection, zoom, pan, and playback controls (rewind, play, stop, pause, record, fast forward). Includes level meters for Left (L) and Right (R) channels with a scale from -21 to 0.

0.0 1.0 2.0 3.0 4.0 5.0

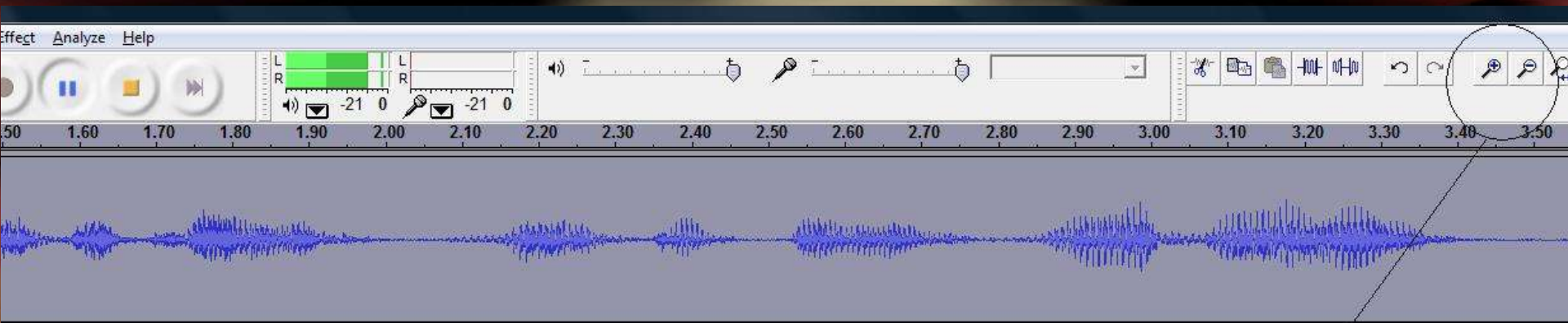


audio01

File Edit View Project Generate Effect Analyze Help

Undo Import Ctrl+Z  
Can't Redo Ctrl+Y  
Cut Ctrl+X  
Copy Ctrl+C  
Paste Ctrl+V  
Trim Ctrl+T  
Delete Ctrl+K  
Silence Ctrl+L  
Split  
Duplicate Ctrl+D  
Select... ▶  
Find Zero Crossings Z  
Selection Save  
Selection Restore  
Move Cursor... ▶  
Snap-To... ▶  
Preferences... Ctrl+P

1.0 2.0 3.0 4.0



**Zoom**

CDex Version 1.51

File Edit Convert Tools CDDB Options Help

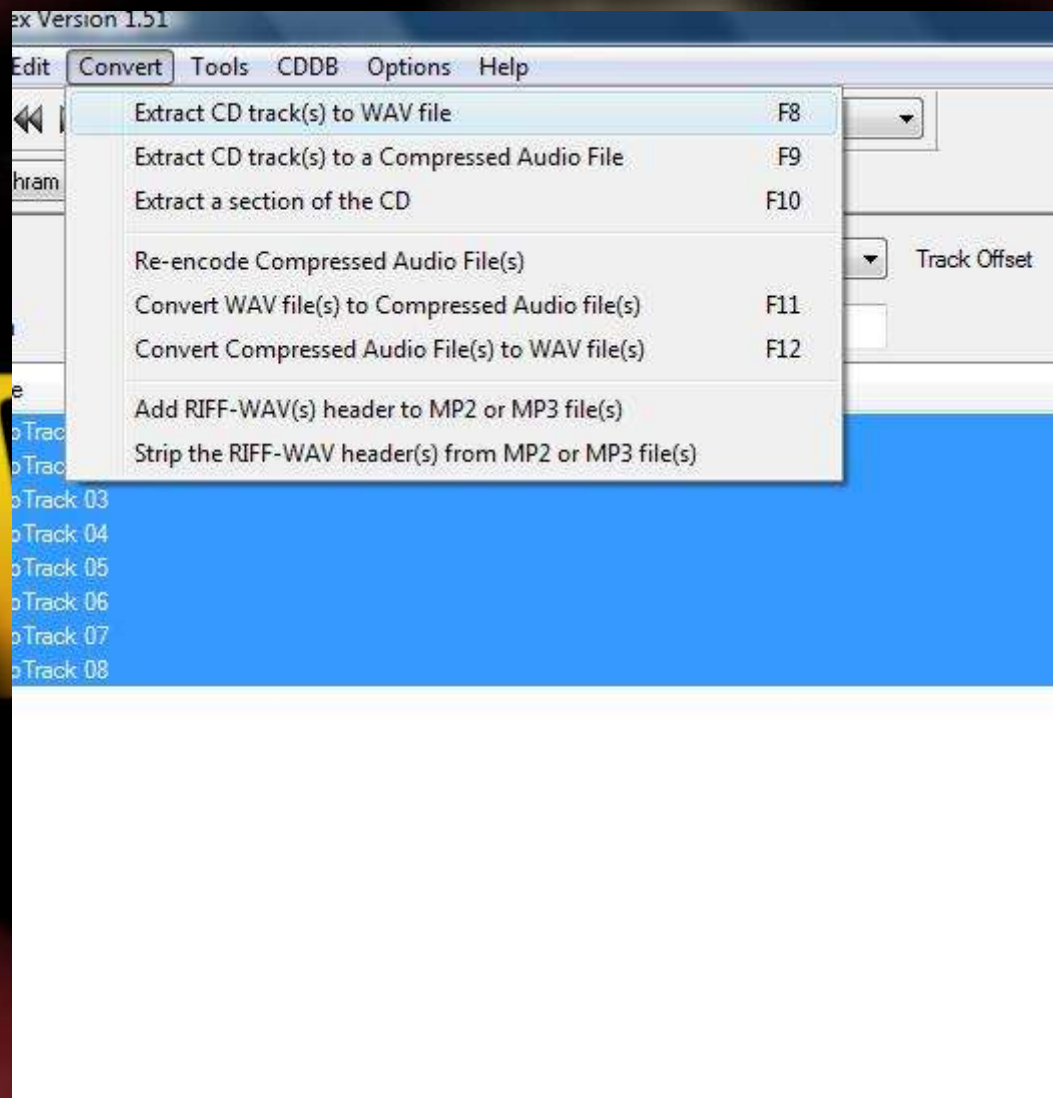
HL-DT-STDVD-RAM GSA-H55N

Ashtothram

Artist: no artist Genre: Unknown Track Offset: 0

Album: no title Year:

Name	Track	Start Time	Play Time	Size
AudioTrack_01	01	0:00.01	6:11.30	62.48 MB
AudioTrack_02	02	6:11.31	6:47.60	68.60 MB
AudioTrack_03	03	12:59.16	5:34.53	56.30 MB
AudioTrack_04	04	18:33.69	5:59.04	60.40 MB
AudioTrack_05	05	24:32.73	6:40.33	67.36 MB
AudioTrack_06	06	31:13.31	2:29.56	25.19 MB
AudioTrack_07	07	33:43.12	5:18.71	53.65 MB
AudioTrack_08	08	39:02.08	4:10.45	42.16 MB



# Streaming Window Media Player

```
<OBJECT ID="MediaPlayer1" CLASSID="CLSID:22d6f312-b0f6-11d0-94ab-0080c74c7e95"  
CODEBASE="http://activex.microsoft.com/activex/controls/mpl  
ayer/en/nsmp2inf.cab# Version=5,1,52,701"  
STANDBY="Loading Microsoft Windows® Media Player  
components..." TYPE="application/x-oleobject" width="280"  
height="46">  
<param name="fileName" value="Your File">  
<param name="animationatStart" value="true">  
<param name="transparentatStart" value="true">  
<param name="autoStart" value="true">  
<param name="showControls" value="true">  
<param name="Volume" value="-300">  
<embed type="application/x-mplayer2"  
pluginspage="http://www.microsoft.com/Windows/MediaPlayer  
/" src="Your File" name="MediaPlayer1" width=280 height=46  
autostart=1 showcontrols=1 volume=-300>  
</OBJECT>
```

## REAL MEDIA

```
<OBJECT ID=RVOCX  
CLASSID="clsid:CFCDA03-8BE4-11cf-B84B-  
0020AFBBCCFA" WIDTH="180" HEIGHT="159">  
<PARAM name="src" value="Your File Name">  
<PARAM name="autostart" value="false">  
<PARAM name="controls"  
value="imagewindow">  
<PARAM name="console" value="video">  
<EMBED TYPE="audio/x-pn-realaudio-plugin"  
SRC="Your File Name" WIDTH="180"  
HEIGHT="159" AUTOSTART="false"  
CONTROLS="all" CONSOLE="video">  
</EMBED>  
</OBJECT>
```