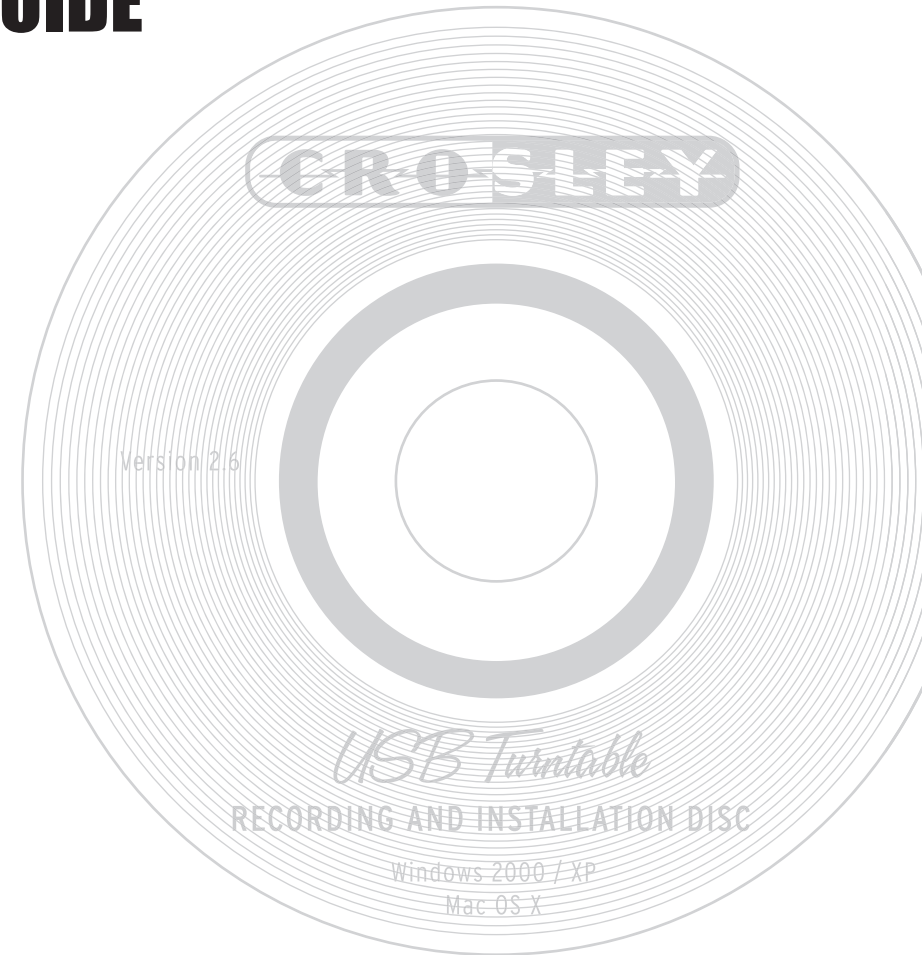




# SOFTWARE INSTALLATION GUIDE



1220 East Oak Street  
Louisville, Kentucky 40204

## Troubleshooting

### No Sound?

- If you can't get any sound to play through the software, you need to make sure you have selected the USB input for the recording device. This setting is found under preferences.
- If you can see the music play on the screen but can't hear it, make sure the Playback Device is set to the internal soundcard.
- If you can't hear any sound as the record is playing, click on the microphone and select Monitor Input.

### Poor Sound Quality?

- If your recording sound is distorted or unclear, try adjusting the Input Level to a lower level.
- Inspect the needle to make sure it is correctly positioned on the tone arm.

## Software Notes

The Crosley USB Turntable will work with any software that supports a USB Audio Device. If you prefer to use software other than the included Audacity software; there are a variety of software packages available.

Audacity is free software, distributed under the General Public License (GPL). More information, as well as open source code, can be found on the included CD or on the web at <http://audacity.sourceforge.net>.

Audacity works on both Windows (98 and greater) as well as Mac OS (X and 9.2+).

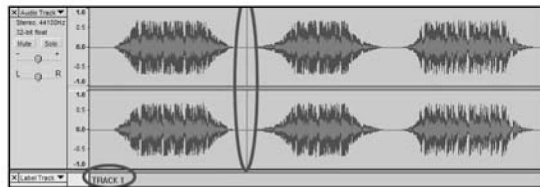
For more information, visit <http://audacity.sourceforge.net>

For help and tutorials, visit <http://audacity.sourceforge.net/help/tutorials>

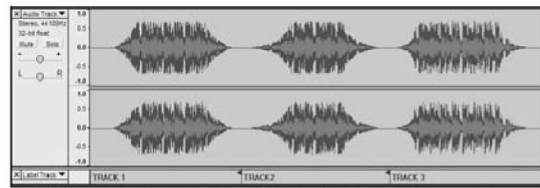
# Dividing Recordings Into Tracks

## Manually Splitting Your Recording Into Tracks:

1. Select the SKIP TO START button.
2. This will ensure the beginning of the recording will be the actual starting location.
3. Select PROJECT.
4. Select ADD LABEL AT SELECTION.
5. This will set the first track to its starting point.
6. Type in the name of the first track.
7. To separate the tracks, click one time on the line between the cluster (clusters represent audio).
8. A line will appear where the selection was clicked.
9. Repeat steps 4-7 until all tracks have been labeled and clicked for separation.

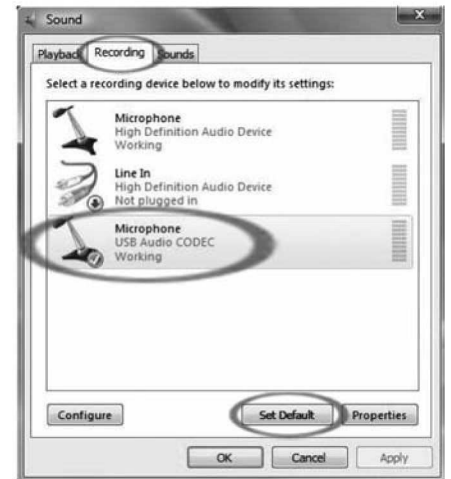


- NOTE: Any track name that is circled can be added or edited.*
- Zooming in to select the track/tracks separation may be necessary
  - The space bar will allow you to start and stop playback of the tracks before adding a label.
  - Track names can be edited once they have been exported from Audacity.
  - Make sure to SAVE your file regularly.



# Set Up for Vista

1. Make sure your open programs on your computer are closed before continuing.
2. On the button left of your screen, select the START menu.
3. Select SETTINGS
4. Select CONTROL PANEL.
5. Once the window appears double-click the SOUND control pane. (If the SOUND option is not available, choose 'Switch to Classic View' located on the left panel of the window).
6. Select the RECORDING tab located at the top of the Sound Control Panel.
7. Choose Microphone - USB Audio CODEC as the default recording device. (USB Audio CODEC represents the turntable.)
8. Select the SET DEFAULT button to confirm selections.



## Dividing Recordings Into Tracks

Before dividing your newly recorded album into separate tracks, all editing (cleaning, audio removal, etc.) needs to be complete.

1. Select FIT PROJECT IN WINDOW icon (magnifying glass with horizontal line below it.)



- This will magnify the view so all tracks can be seen. The separation breaks will appear as skinny lines between the clusters (clusters represent audio).



Splitting tracks can be done automatically or manually. Automatically is recommended if the record is in good condition and there is a distinct silence break between the songs. Another option would be to manually separate. This is recommended if the record is in poor condition or does not have distinct silence breaks between the songs.

### Automatically Splitting Your Recording Into Tracks

1. Select EDIT.
2. Select SELECT ALL.
3. Select ANALYZE located on the menu bar at the top.
4. Select SILENCE FINDER.

*NOTE: Silence Finder will attempt to detect the silence breaks between the songs.*

5. Type 15 into the SILENCE LEVEL (in Silence Finder table).
6. Select OK

This will begin the analyzing process.

## Set Up for XP

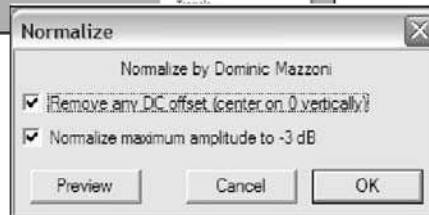
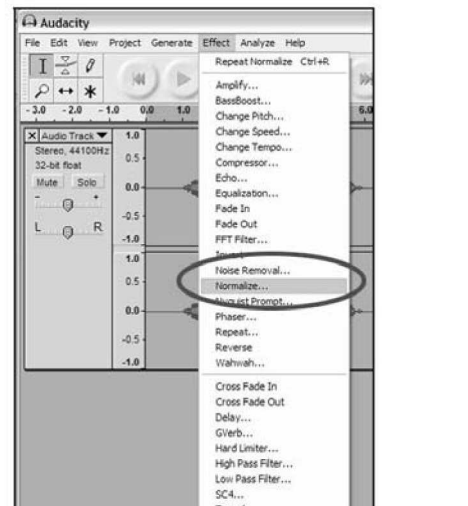
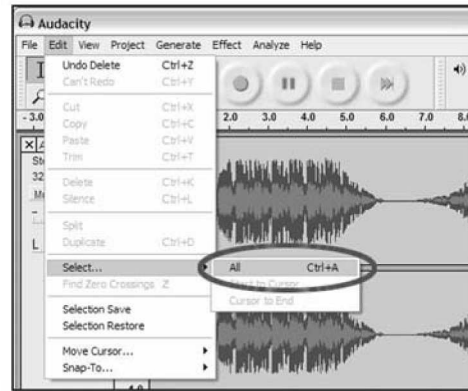
1. Make sure your open programs on your computer are closed before continuing.
2. Open the START menu located at the bottom left of the screen.
3. Select SETTINGS.
4. Select CONTROL PANEL.
5. Once the window appears, double-click the SOUNDS and AUDIO DEVICES option. (If the Sound and Audio Device is not available, choose the 'switch to Classic View' option on the left panel of the window).
6. Select the VOICE tab located at the top of the Sounds and Audio Devices control panel.
7. Under VOICE PLAYBACK, choose the internal sound card as the default device. USB Audio CODEC (USB turntable). Modem, or Microsoft Sound Mapper should not be selected.
8. Under VOICE RECORDING, select USB Audio CODEC as the default device.



## Adjusting Audio Levels

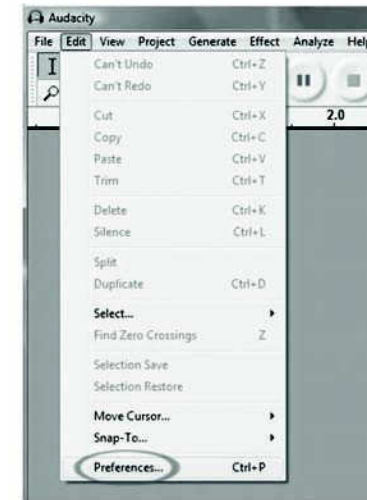
1. Select EDIT.
2. Select SELECT.
3. Select ALL.
4. Select EFFECT to choose the desired effect.
5. Select NORMALIZE to have the correct volume on the recording.

*NOTE: It is recommended to place the needle on the record while it is stopped, before you begin the recording, and start the turntable after you begin recording. If not done the recommended way, the output of audio may not allow the Normalize effect to function properly.*



## Audacity Set Up for PC

1. Select START at the bottom left side of the screen.
2. Select ALL PROGRAMS.
3. Select AUDACITY.
4. Select EDIT from the toolbar.
5. Select PREFERENCES.

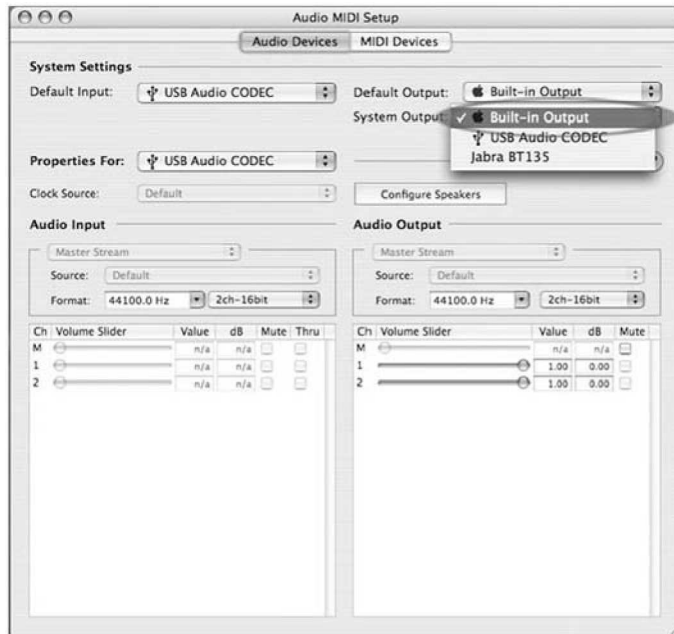


6. Once the AUDACITY PREFERENCES window appears, select the AUDIO I/O tab.
7. Under PLAYBACK DEVICE, select the internal sound card. USB Audio CODEC (USB turntable), Microsoft Sound Mapper or Modem should not be selected.
8. Under RECORDING DEVICE, Select USB AUDIO CODEC.

*NOTE: The USB turntable may show up with a different name in the Preferences window. This may depend on your computer model and operating system. 99% of the time it will contain "USB" in the name.*

9. Under RECORDING - CHANNELS, select 2 (Stereo).
10. Check the SOFTWARE PLAYTHROUGH box before exiting.

## Audacity Set Up for MAC (10.4 and Above)



Audacity and all other programs will use the internal sound card for audio output.

### A NOTE FOR INTEL-BASED MAC USERS:

Please visit <http://audacityteam.org/mac/> to download a version of Audacity for Intel-based Mac.

## Audacity Set Up for MAC (10.4 and Above)

1. Click on the AUDACITY menu at the top of the screen (In the Audacity program).
2. Select PREFERENCES.
3. Select the AUDIO I/O tab.
4. Under PLAYBACK - DEVICE Select BUILT - IN OUTPUT.
5. Under RECORDING - DEVICE Select USB AUDIO CODEC.
6. Under RECORDING - CHANNELS select 2(Stereo).
7. Check the SOFTWARE PLAYTHROUGH box before exiting.
8. Select the QUALITY tab.
9. Set DEFAULT SAMPLE format to 16-bit.

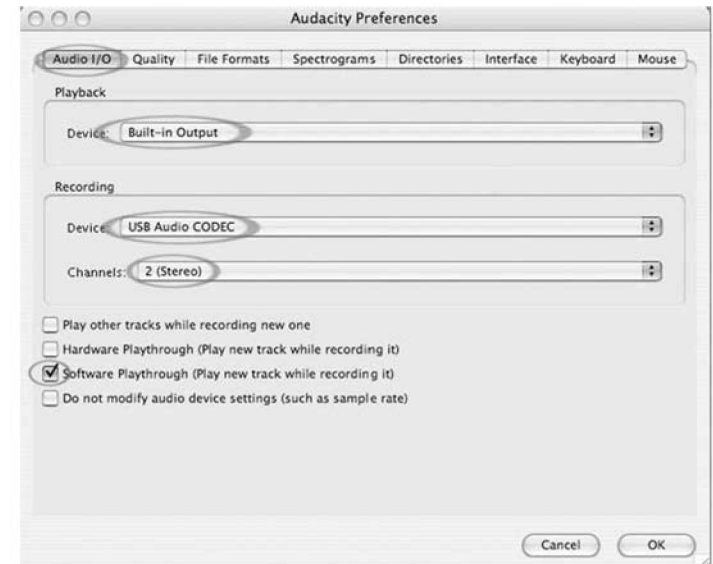


Table of Contents

Software Notes ..... 2  
Installing Audacity Software ..... 3  
Set Up for Vista ..... 4  
Set Up for XP ..... 6  
Audacity Set Up for PC ..... 8  
Audacity Set Up for MAC (10.4 and Above) .....10  
Recording ..... 14  
Adjusting Audio Levels ..... 15  
Cleaning Your Audio ..... 16  
Dividing Recordings Into Tracks ..... 17  
Exporting Tracks ..... 20  
Troubleshooting ..... 21

# Installing Audacity Software

## Before Beginning

Make sure that the computer and turntable are both plugged in and on. Using the supplied USB cable make sure the USB turntable is plugged into the computer before proceeding with the software installation.

### To Install Software (PC)

1. If computer is not already on - turn on and allow to fully boot.
2. Plug turntable into an AC power outlet and connect the USB port on the turntable into the USB port on the computer using the included USB cable.
3. Make sure the turntable is turned on.
4. A message may appear on your computer notifying you that a new device has been detected and is available to use. (This message may or may not appear. Either way, it is normal)
5. Insert the CD (Included with the USB turntable) into the computer CD drive.
6. A window will appear on the computer. Click the INSTALL button next to AUDACITY.

### To Install Software (MAC)

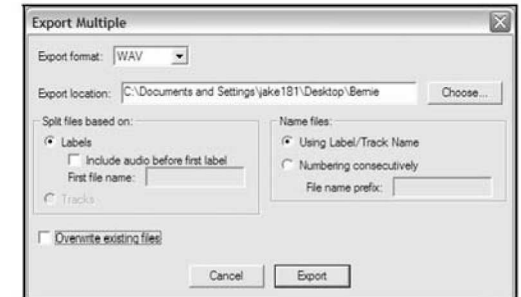
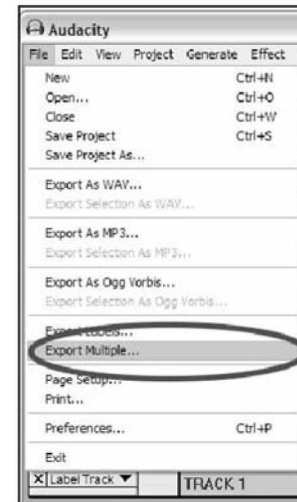
1. If computer is not already on - turn on and allow to fully boot.
2. Plug turntable into an AC Power outlet and connect the USB port on the turntable into the USB port on the computer using the included USB cable.
3. Insert the CD (included with the USB turntable) into the computer CD drive.
4. Open the CD icon on the computer desktop.
5. Drag the Audacity installation folder to your hard drive. It is recommended the folder be moved to the APPLICATIONS folder.
6. A window will appear as the files are copying.
7. Remove the installation CD once the files have completed the copying process

# Exporting Tracks

Follow these steps to export separated files to WAV format and burn to a CD. If you want to convert to an MP3 format, additional 3rd party software is needed. Consult software help section for more information.

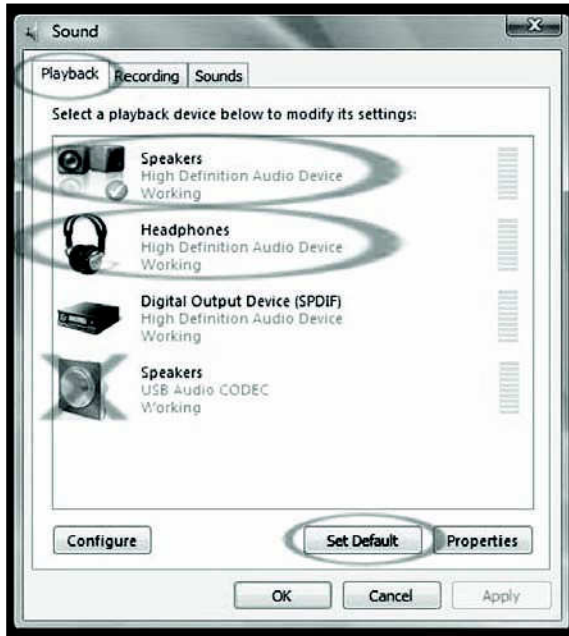
Exporting file to separate files:

1. Select FILE.
2. Select EXPORT MULTIPLE.
3. Select WAVE as the export format.
4. Select the export location (this will be where the files get saved).
5. Select USING LABEL/TRACK NAME.
6. Select EXPORT.





## Set Up for Vista

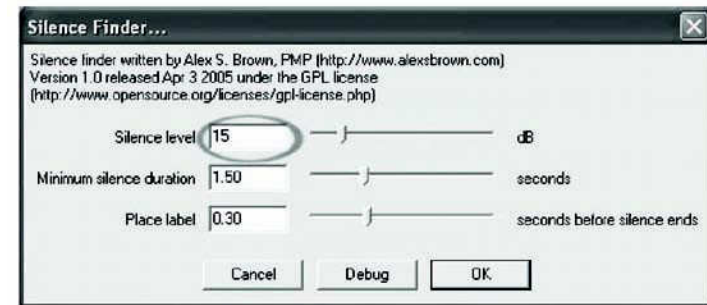


9. Select the PLAYBACK tab located next to the RECORDING tab.
10. Choose the Playback device you would like your computers audio to come out of.
11. After selecting the Playback device that best matches your desired audio set up select the SET DEFAULT button to confirm selections.

*NOTE: Do NOT select "Speakers - USB Audio Codec" as your playback device. USB Audio Codec represents your turntable, and can only be used as recording input, not a playback output.*

12. Select APPLY (if available).
13. Select OK to exit the Control Panel.
14. If computer speakers are not built into the computer, make sure the speakers are plugged into the computers audio output and are turned on.

## Dividing Recordings Into Tracks

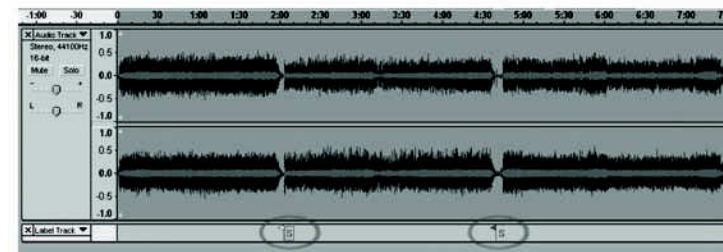


7. A label track will appear and flag icons will be placed along the bottom of the window. This denotes the beginning of each new song.
8. These flags will be used to create separate tracks for each song on the album once the recording is exported.

*NOTE: If the flags do not look like the correct representation of the album songs you may need to change the setting and try again.*

- To Adjust

1. Select EDIT.
2. Select UNDO.
  - a. Repeat steps 1-6 above and try a different setting in the Silence Level field. Adjust the number up from 15 if too many flags appeared. Adjust the number down from 15 if too little flags appeared.
  - b. If the problem still persists, the separation may need to be done manually.



## Set Up for XP



9. Within the same control panel select the AUDIO tab.
10. Choose the internal sound card as the default device under SOUND PLAYBACK. USB Audio CODEC (USB turntable) Modem, or Microsoft Sound mapper should not be selected.
11. Under SOUND RECORDING, select USB Audio CODEC as the default device - this is the USB turntable.
12. Check the USE ONLY DEFAULT DEVICES box, to ensure all selections will be applied.
13. Select APPLY (if an option).
14. Select OK to exit the Sounds and Audio Device Panel.
15. If the computers speakers are not built into the computer make sure the speakers are plugged into the computers audio output and turned on.

## Cleaning Your Audio

1. Drag the cursor over a portion of the audio which contains noise.
2. Select EFFECT from the tool bar.
3. Select NOISE REMOVAL.
4. Select GET NOISE PROFILE.
5. If the entire recording needs to be edited select SELECT ALL under the EDIT menu. If just a small section needs to be edited, just select the specific track of audio.
6. Select EFFECT from the tool bar.
7. Select NOISE REMOVAL.
8. To adjust the audio drag the slider in the NOISE REMOVAL window.
9. To preview audio before removing select the PREVIEW button.
10. Select REMOVE NOISE.



### Important Editing Notes:

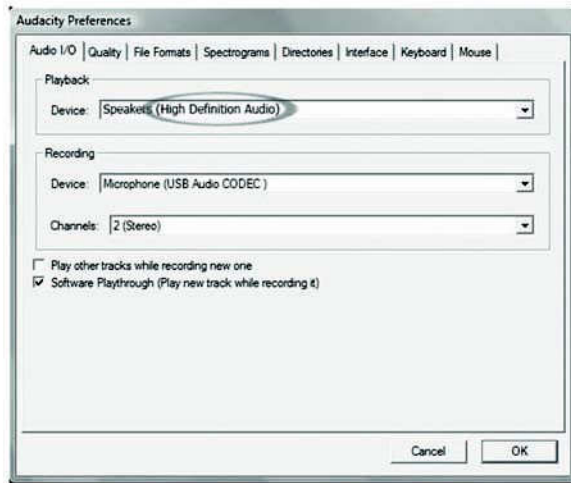
It is important to always normalize the audio to ensure the best quality of audio output. Depending on needles, tone arm, computer set up, etc. audio levels may vary.

Deleting unwanted audio will simply be done by dragging over a section (selected audio will be highlighted). Then press DELETE.

The noise profile must be selected before removing any noise from the track. The computer may remove all of the audio if actual audio is selected first.

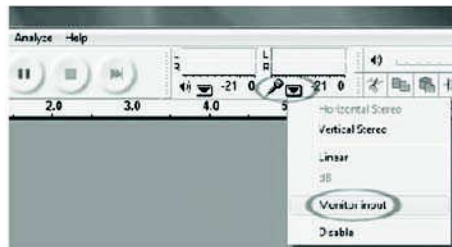
Each time an application is started the Noise Profile will need to be set. Having multiple recordings within the same application will not affect the noise profile.

# Audacity Set Up for PC



11. Select the QUALITY tab.
12. The DEFAULT SAMPLE format should be set to 16-bit.
13. Select OK to ensure all selections are applied.
14. In the main audacity window, located at the top will be Input and Output level meters (L and R). The output level meter will have a microphone image and an arrow button (pointing down). Select the arrow button.

*NOTE: If you don't see the input/output level meters, open the PREFERENCES tab again and select the INTERFACE tab, make sure the ENABLE MIXER TOOLBAR is selected.*



15. Select MONITOR INPUT (Monitor Input will need to be selected each time Audacity is launched).

Now you are ready to record!

# Recording

To become familiar with the recording process it is recommended to start with short recordings (1-2 min) and then advance to a full LP.

1. Press RECORD.
2. Start playback on the USB Turntable. As the recording is occurring, wave form of the audio will be visible on the screen.

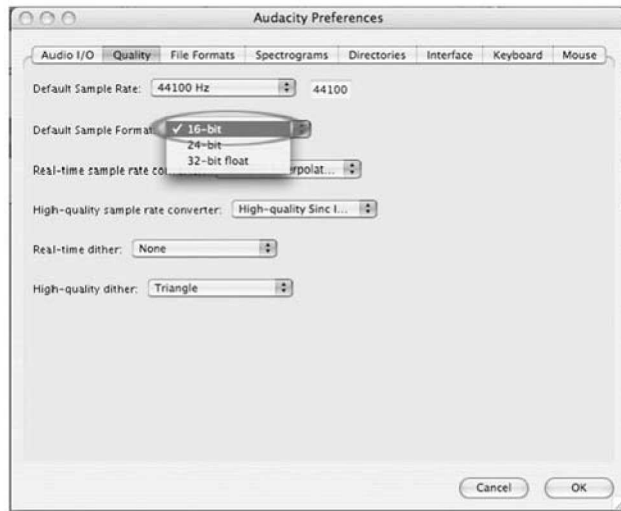
*NOTE: If you do not have audio go back to the preferences menu and make sure you have "Software Playthrough" selected and the speaker volume up on your computer.*

3. The computers soundcard will allow the audio to be heard.
4. Play the entire track/album you want to record.
5. Press STOP.
6. SAVE FILE:  
Select FILE.  
Select SAVE PROJECT.  
Select the file placement and file name.  
Select SAVE.

*NOTE: The file saved can only be opened by Audacity since it is an Audacity Project file.*



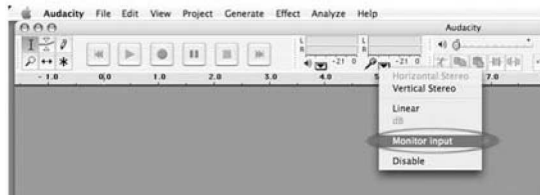
## Audacity Set Up for MAC (10.4 and Above)



10. Select OK to ensure all selections are applied.
11. In the main Audacity window, located at the top will be Input and Output level meters (L and R). The output level meter will have a microphone image and an arrow button (pointing down). Select the arrow button.

*NOTE: If you don't see the input/output level meters, open the PREFERENCES tab again and select the INTERFACE tab, make sure the ENABLE MIXER TOOLBAR is selected.*

12. Select MONITOR INPUT (Monitor Input will need to be selected each time Audacity is launched.)



You are now ready to record!

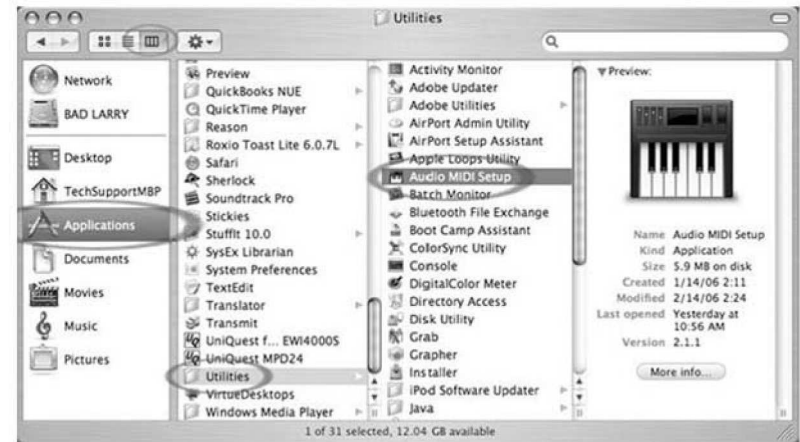
## Audacity Set Up for MAC (10.4 and Above)

### Additional Important Macintosh Settings

Everything has now been set up in Audacity, but your MAC needs to know that the turntable will not be used as an output device. To ensure the internal sound card will always be used for playback, a few settings will need to be changed.

Audio MIDI Setup Utility:

1. Select FINDER.
2. Select the APPLICATIONS folder.
3. Select the UTILITIES folder.
4. Select AUDIO MIDI SETUP.



5. Within the AUDIO MIDI SETUP folder:
  - Select USB AUDIO CODEC as the DEFAULT INPUT.
  - Select BUILT-IN AUDIO/BUILT-IN OUTPUT as the DEFAULT OUTPUT.
  - Select BUILT-IN AUDIO/BUILT-IN OUTPUT as the SYSTEM OUTPUT.