



Preserving Vinyl Records

Preserving Vinyl Records

- **What you need**
 - **Record player with a built in amplifier**
 - **Record player connected to a music system**
- **A program**
 - **INport**
 - **Basic**
 - **Good instructions**
 - **User friendly**
 - **Windows XP and Vista**
 - **\$70.00 at Newegg**

Preserving Vinyl Records

- **What's in the box**
 - **USB analog to digital converter**
 - **USB cable**
 - **30 feet of audio cable**
 - **LPreorder software**
 - **LPRipper software**
 - **Wave Correction software**
 - **User manual**

Preserving Vinyl Records

➤ The process

- Connect the analog to digital converter to the computer using the USB cable
- The computer will recognize and install the device
- Use the audio cable to connect the analog to digital converter to your music system
 - Audio cable plugs in to a RCA phono jack output source
 - You can plug in to a headphone source using a stereo phone plug to RCA phono jack converter cable

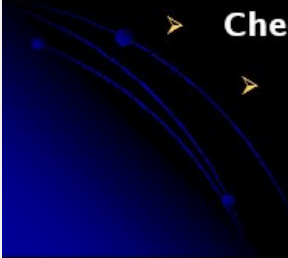
Preserving Vinyl Records

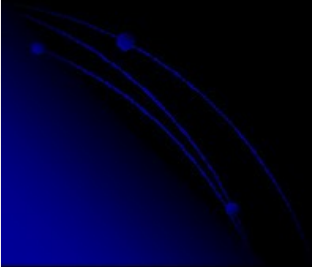
- **Make sure the audio settings on the computer are correct**
 - **Go to the Sounds and Audio Devices Properties dialog box in the Control Panel and click the Audio tab**
 - **The settings for Windows XP should be as shown on the next slide**

Preserving Vinyl Records



Preserving Vinyl Records

- 
- **Check the volume settings**
 - **Double-click the volume icon in the notification area**
 - **On the menu bar in the Volume Control dialog box, click Options and select Properties**
 - **In the Properties dialog box the settings should be as shown on the next slide**



Preserving
Vinyl
Records

Click on
the
OK

Preserving Vinyl Records

- The Capture dialog box should look like this



Close
the
box

Preserving Vinyl Records

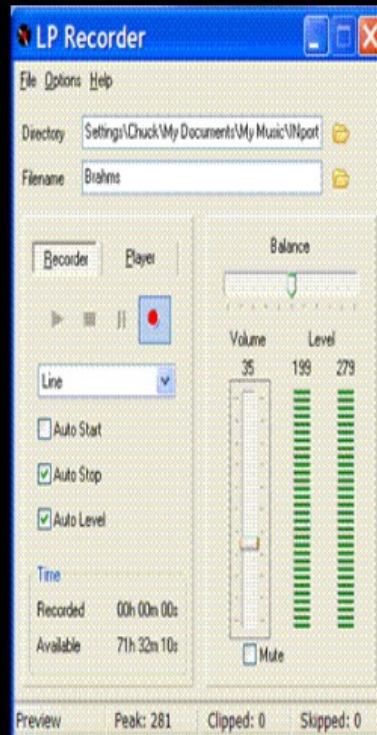
- Now you're ready to start recording
- Start the LPRecorder program and the Audio Settings dialog box will appear
- The settings should be like this



Preserving Vinyl Records

- **When the LP Recorder dialog box appears**
 - **Tell the program where you want to save the music you're going to capture**
 - **Tell the program what you want to use for a file name**
 - **The remaining settings should be as shown on the next slide**

Preserving Vinyl Records



Preserving Vinyl Records

- **Start the music**
- **Find a loud passage of music**
- **Use the volume control on your music system to adjust the volume level so the bars do not turn red**
- **You can use the balance control on your music system to adjust the balance**
- **Stop the music**
- **Click the record button**
- **Restart the music**
- **The recorder will stop ten seconds after the music stops**

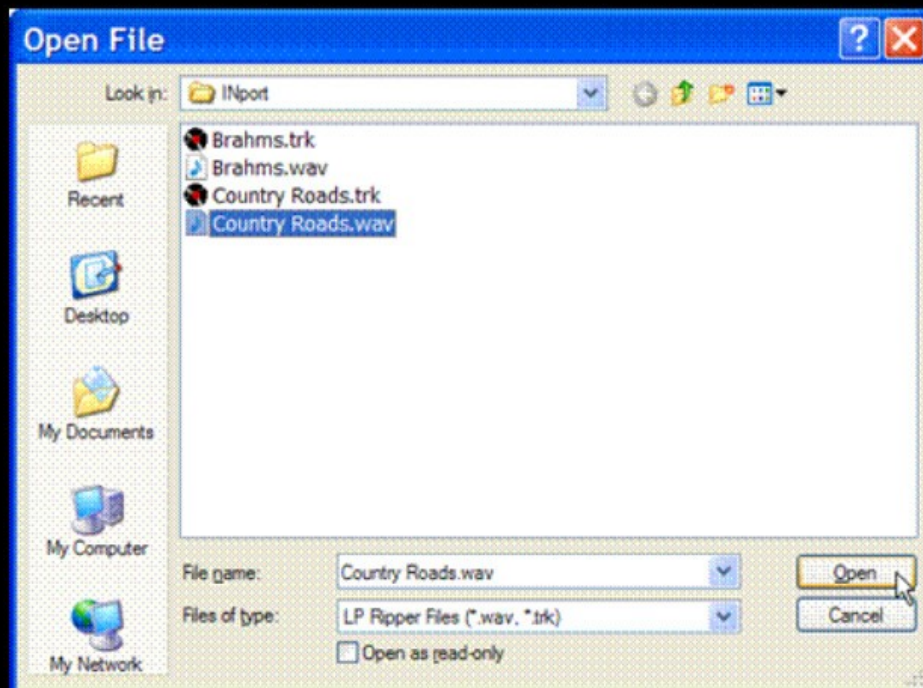
Preserving Vinyl Records

- The LPRecorder saves the music in the .wma file format
 - Excellent quality
 - Large file size
 - Can be played on any computer and some music systems
- Each side of the record is saved as a single file
- Files can be copied to a CD or DVD
- The program does not include any editing tools

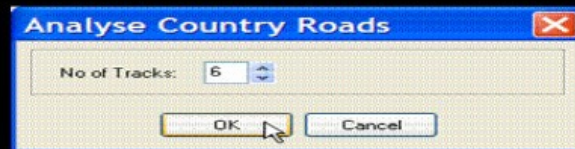
Preserving Vinyl Records

- **The LPRipper program can be used to separate the individual tracks**
- **Import the file created from recording one side of a record**
- **Tell the program how many tracks were included in the file**
- **Manually identify the beginning and end of each track**
- **The program creates a file for each of the tracks**
- **You can name each of the files**

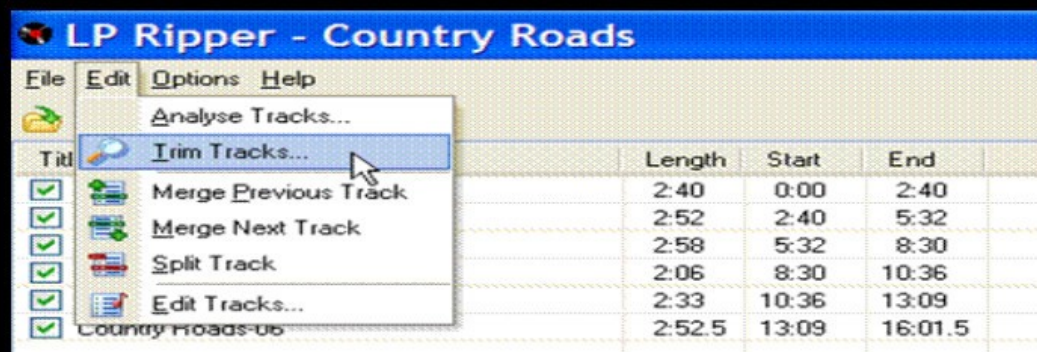
Preserving Vinyl Records



Preserving Vinyl Records



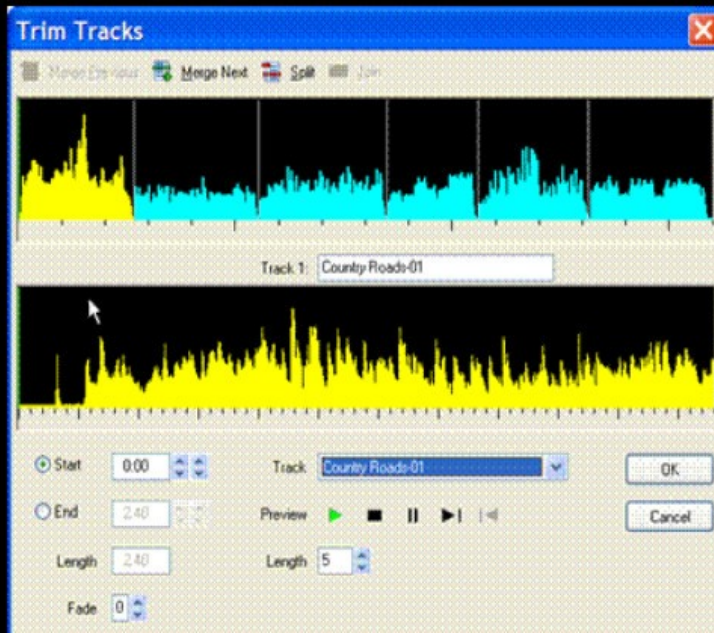
Preserving Vinyl Records



The screenshot shows the LP Ripper software interface for a vinyl record titled "Country Roads". The "Edit" menu is open, and the "Trim Tracks..." option is highlighted by the mouse cursor. The main window displays a table of tracks with their respective lengths, start, and end times.

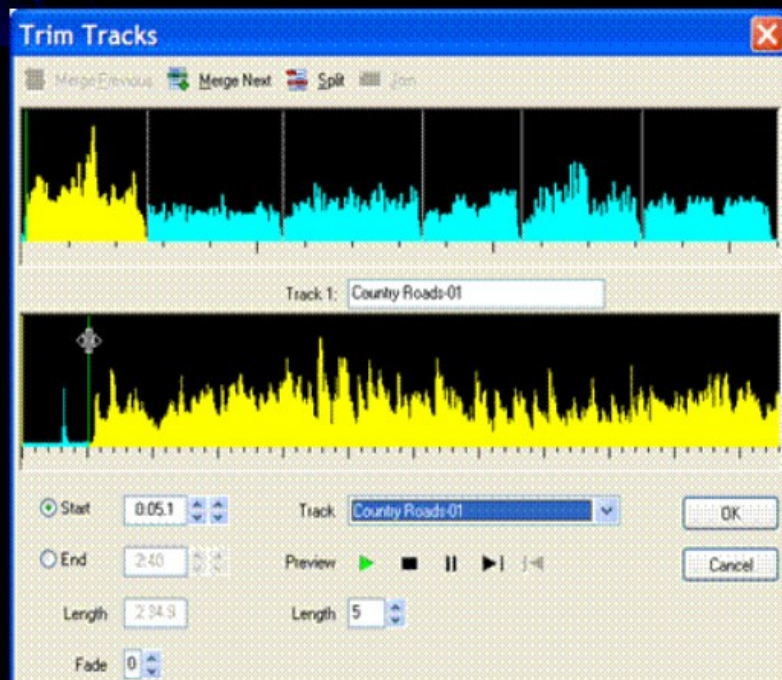
Track	Length	Start	End
1	2:40	0:00	2:40
2	2:52	2:40	5:32
3	2:58	5:32	8:30
4	2:06	8:30	10:36
5	2:33	10:36	13:09
6 Country Roads-up	2:52.5	13:09	16:01.5

Preserving Vinyl Records

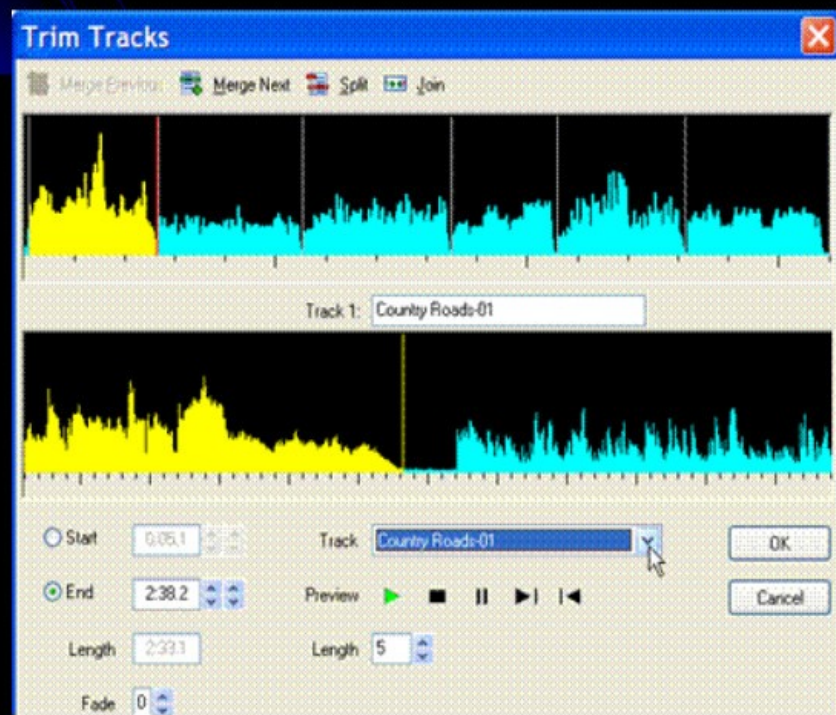


Now
manually
define
the
beginning
and
end
of
each
track

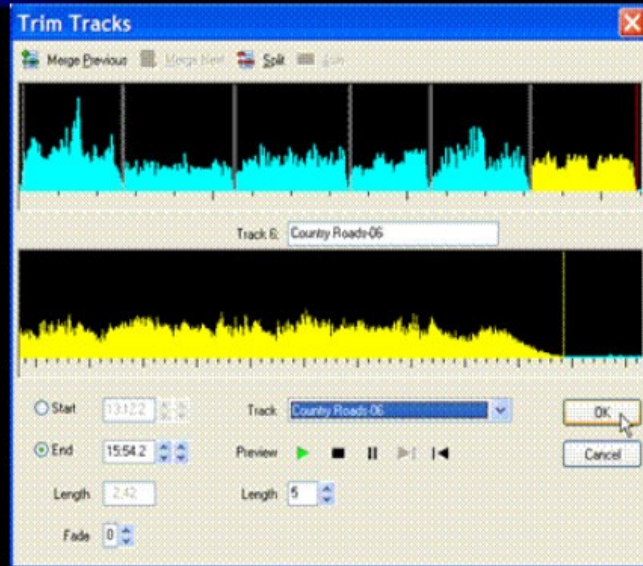
Preserving Vinyl Records



Preserving Vinyl Records

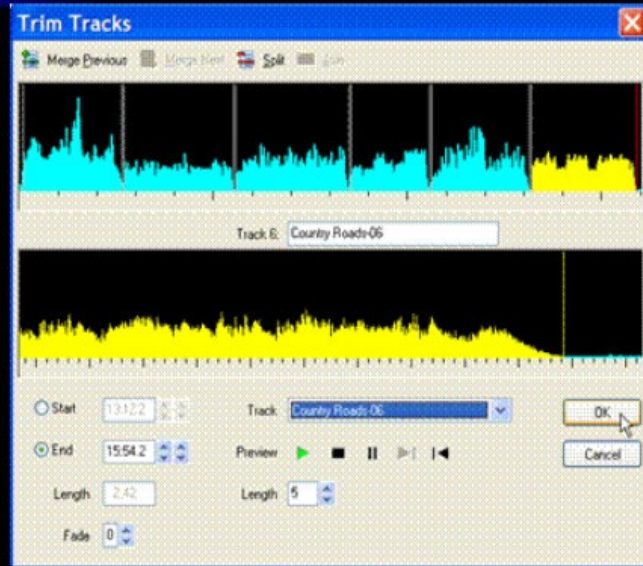


Preserving Vinyl Records



After
refined
beginning
end of
tracks
click the
button

Preserving Vinyl Records

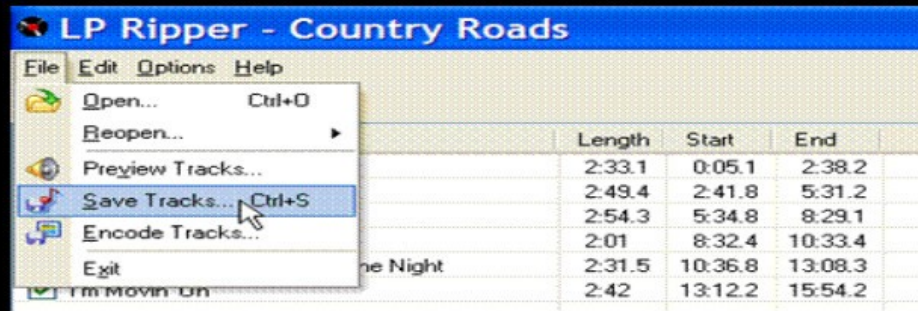


After
refined
beginning
end of
tracks
click the
button

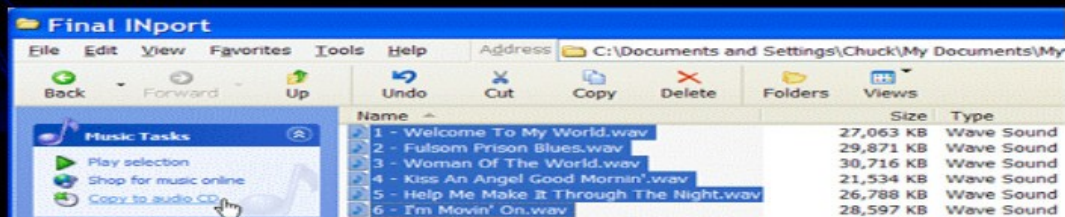
Preserving Vinyl Records

Edit Tracks				
Title	Length	Start	End	
1 - Welcome To My World	2:33.1	0:05.1	2:38.2	
2 - Fulsom Prison Blues	2:49.4	2:41.8	5:31.2	
3 - Woman Of The World	2:54.3	5:34.8	8:29.1	
Country Roads-4	2:01	8:32.4	10:33.4	
Country Roads-5	2:31.5	10:36.8	13:08.3	
Country Roads-6	2:42	13:12.2	15:54.2	

Preserving Vinyl Records



Preserving Vinyl Records

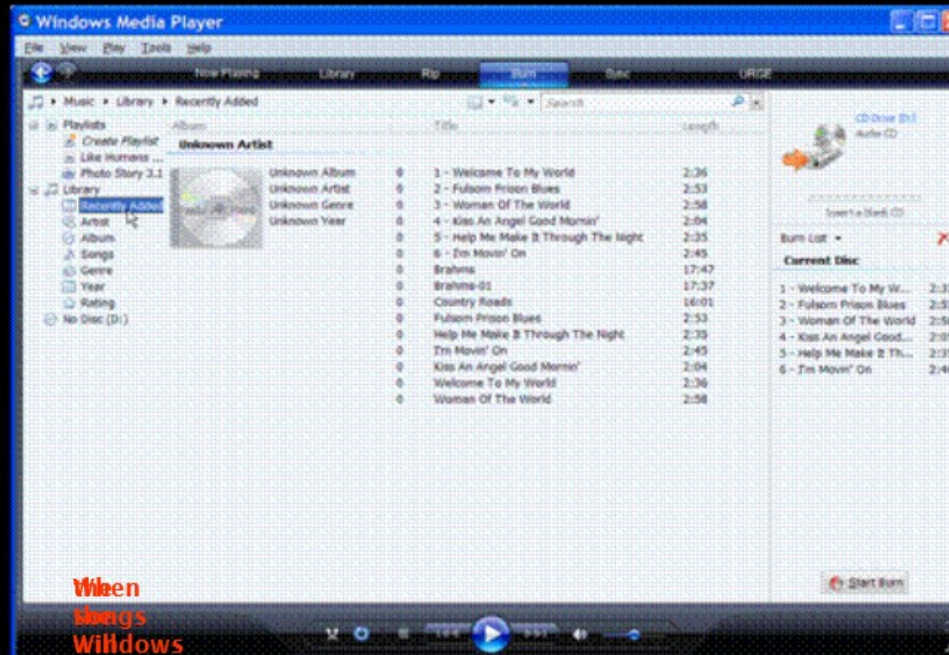


Preserving Vinyl Records



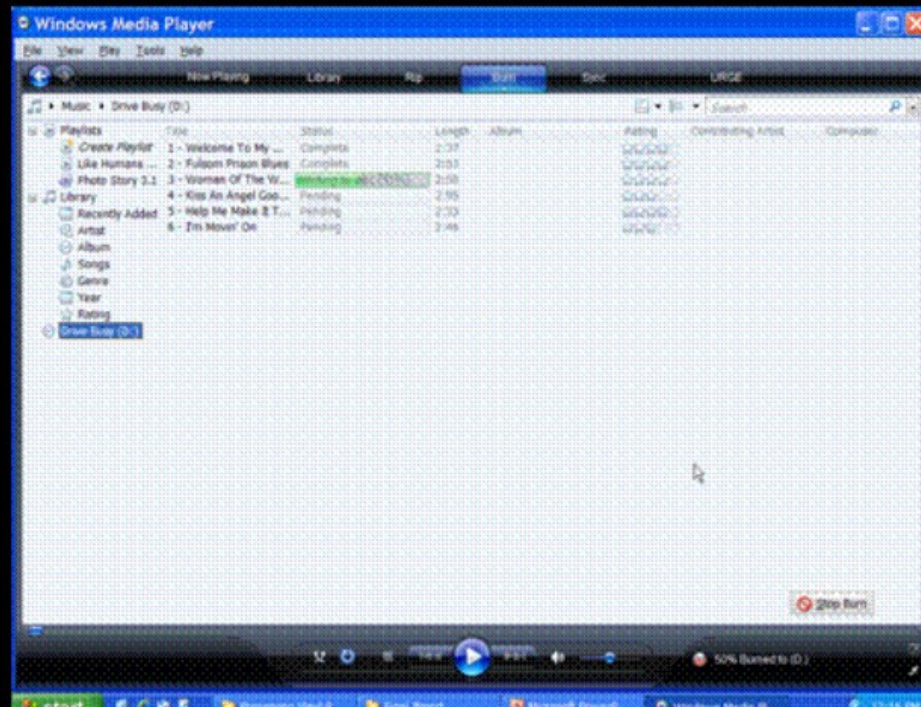
When
Songs
Windows
Media
Player

Preserving Vinyl Records



When
Songs
Windows
Media
Player

Preserving Vinyl Records



Preserving Vinyl Records

➤ Other options

- Use Roxio Creator or Nero to burn CD's or DVD's that can be played on equipment other than a computer
- Roxio has a special edition that includes an analog to digital converter that can capture video
- Use a program to convert the INport .wav files to MP3 to reduce the file size
- There are several companies that sell USB turntables that include capture software