

## How to customize a sound file for MyPBX

1. Customize a sound file in PCM format.....	3
2. Customize a sound file in A-law(g.711) format.....	6
3. Customize a sound file in U-law(g.711) format.....	9
4. Customize a sound file in GSM 6.10 format .....	12
5. Customize a sound file in GSM format .....	15

Refer to this application, users can customize a supported sound file through Windows accessories recorder, or use other software to finish format conversion, like WavePad .

Voice prompt file format:

Parameters Formats	Property	Quality	Size (Assume the original file with PCM format is 688KB)	Supported MyPBX Versions														
PCM	<table border="1"> <thead> <tr> <th>Property</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td colspan="2"><b>Audio</b></td> </tr> <tr> <td>Bit Rate</td> <td>128kbps</td> </tr> <tr> <td>Audio sample size</td> <td>16 bit</td> </tr> <tr> <td>Channels</td> <td>1 (mono)</td> </tr> <tr> <td>Audio sample rate</td> <td>8 kHz</td> </tr> <tr> <td>Audio format</td> <td>PCM</td> </tr> </tbody> </table>	Property	Value	<b>Audio</b>		Bit Rate	128kbps	Audio sample size	16 bit	Channels	1 (mono)	Audio sample rate	8 kHz	Audio format	PCM	High	688KB	MyPBX Standard/Pro 2.17.0.23 and higher versions
Property	Value																	
<b>Audio</b>																		
Bit Rate	128kbps																	
Audio sample size	16 bit																	
Channels	1 (mono)																	
Audio sample rate	8 kHz																	
Audio format	PCM																	
A-Law (G.711)	<table border="1"> <thead> <tr> <th>Property</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td colspan="2"><b>Audio</b></td> </tr> <tr> <td>Bit Rate</td> <td>64kbps</td> </tr> <tr> <td>Audio sample size</td> <td>8 bit</td> </tr> <tr> <td>Channels</td> <td>1 (mono)</td> </tr> <tr> <td>Audio sample rate</td> <td>8 kHz</td> </tr> <tr> <td>Audio format</td> <td>CCITT A-Law</td> </tr> </tbody> </table>	Property	Value	<b>Audio</b>		Bit Rate	64kbps	Audio sample size	8 bit	Channels	1 (mono)	Audio sample rate	8 kHz	Audio format	CCITT A-Law	High	344KB	MyPBX Standard/Pro 2.17.0.23 and higher versions
Property	Value																	
<b>Audio</b>																		
Bit Rate	64kbps																	
Audio sample size	8 bit																	
Channels	1 (mono)																	
Audio sample rate	8 kHz																	
Audio format	CCITT A-Law																	
U-Law (G.711)	<table border="1"> <thead> <tr> <th>Property</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td colspan="2"><b>Audio</b></td> </tr> <tr> <td>Bit Rate</td> <td>64kbps</td> </tr> <tr> <td>Audio sample size</td> <td>8 bit</td> </tr> <tr> <td>Channels</td> <td>1 (mono)</td> </tr> <tr> <td>Audio sample rate</td> <td>8 kHz</td> </tr> <tr> <td>Audio format</td> <td>CCITT u-Law</td> </tr> </tbody> </table>	Property	Value	<b>Audio</b>		Bit Rate	64kbps	Audio sample size	8 bit	Channels	1 (mono)	Audio sample rate	8 kHz	Audio format	CCITT u-Law	High	344KB	MyPBX Standard/Pro 2.17.0.23 and higher versions
Property	Value																	
<b>Audio</b>																		
Bit Rate	64kbps																	
Audio sample size	8 bit																	
Channels	1 (mono)																	
Audio sample rate	8 kHz																	
Audio format	CCITT u-Law																	
GSM 6.10	<table border="1"> <thead> <tr> <th>Property</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td colspan="2"><b>Audio</b></td> </tr> <tr> <td>Bit Rate</td> <td>13kbps</td> </tr> <tr> <td>Channels</td> <td>1 (mono)</td> </tr> <tr> <td>Audio sample rate</td> <td>8 kHz</td> </tr> <tr> <td>Audio format</td> <td>GSM 6.10</td> </tr> </tbody> </table>	Property	Value	<b>Audio</b>		Bit Rate	13kbps	Channels	1 (mono)	Audio sample rate	8 kHz	Audio format	GSM 6.10	Normal	72KB	ALL		
Property	Value																	
<b>Audio</b>																		
Bit Rate	13kbps																	
Channels	1 (mono)																	
Audio sample rate	8 kHz																	
Audio format	GSM 6.10																	
GSM	Audio format: GSM The file should be *.gsm	Normal	72KB	ALL														

**Note 1:** All WAV formats can be generated by the Windows XP accessories software 'Recorder'. If you use Windows 7 or other systems without the Recorder software, please download the software here:

<http://www.yeastar.com/download/tools/soundrecorder.exe>

**Note 2:** If some original files like MP3 format files cannot be opened by the Recorder software, you can try to open it by the WavePad software, please refer to [part 5](#).

## 1. Customize a sound file in PCM format

**Step 1.** Open the Recorder software :

Start menu→Program→Attachment→ Entertainment→ Recorder

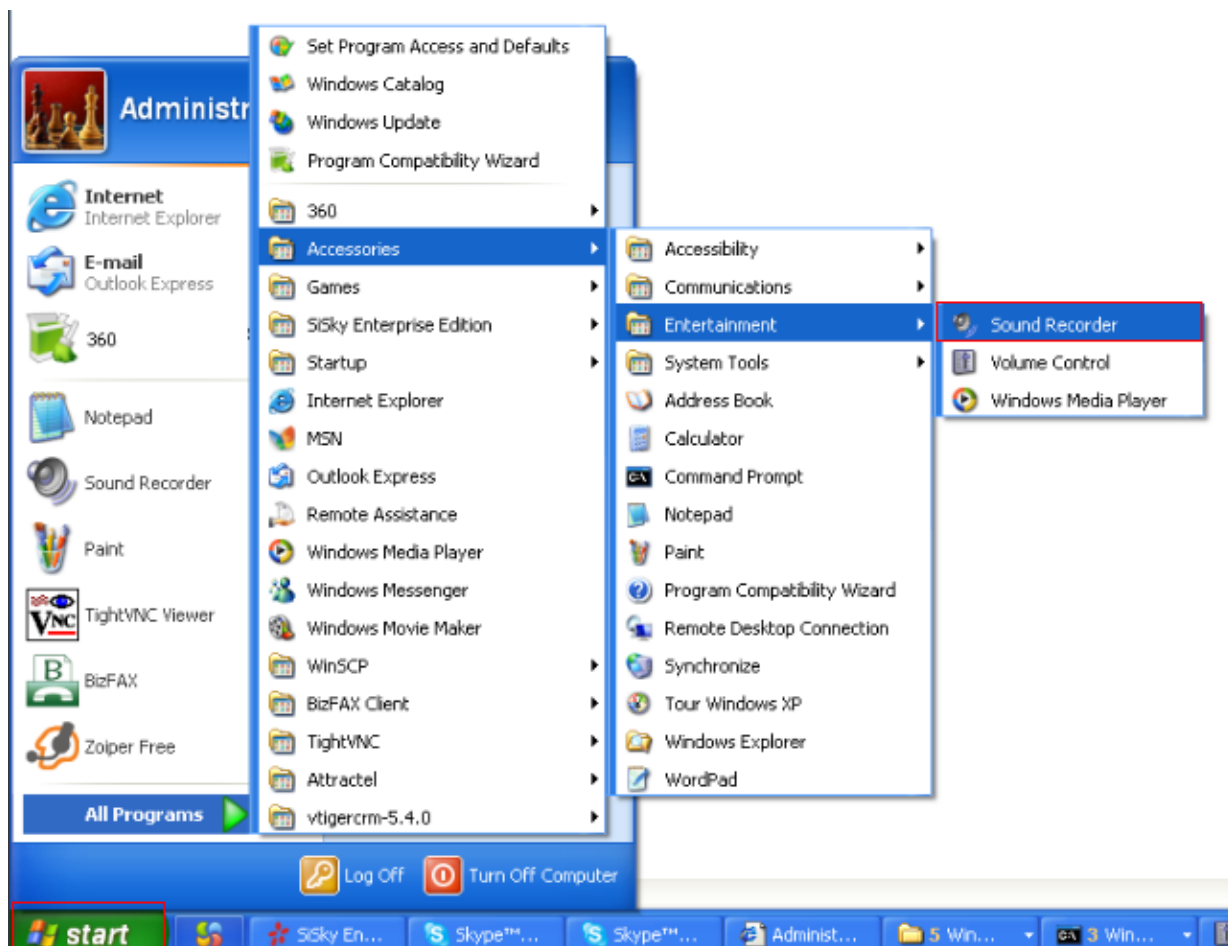


Figure 1-1

**Step 2.** Open a recorded file or record a new prompt message file.



Figure 1-2

**Step3.** Click 'file->Save As' on the panel.



Figure 1-3

**Step 4.** Change the format, click the 'Change' button.

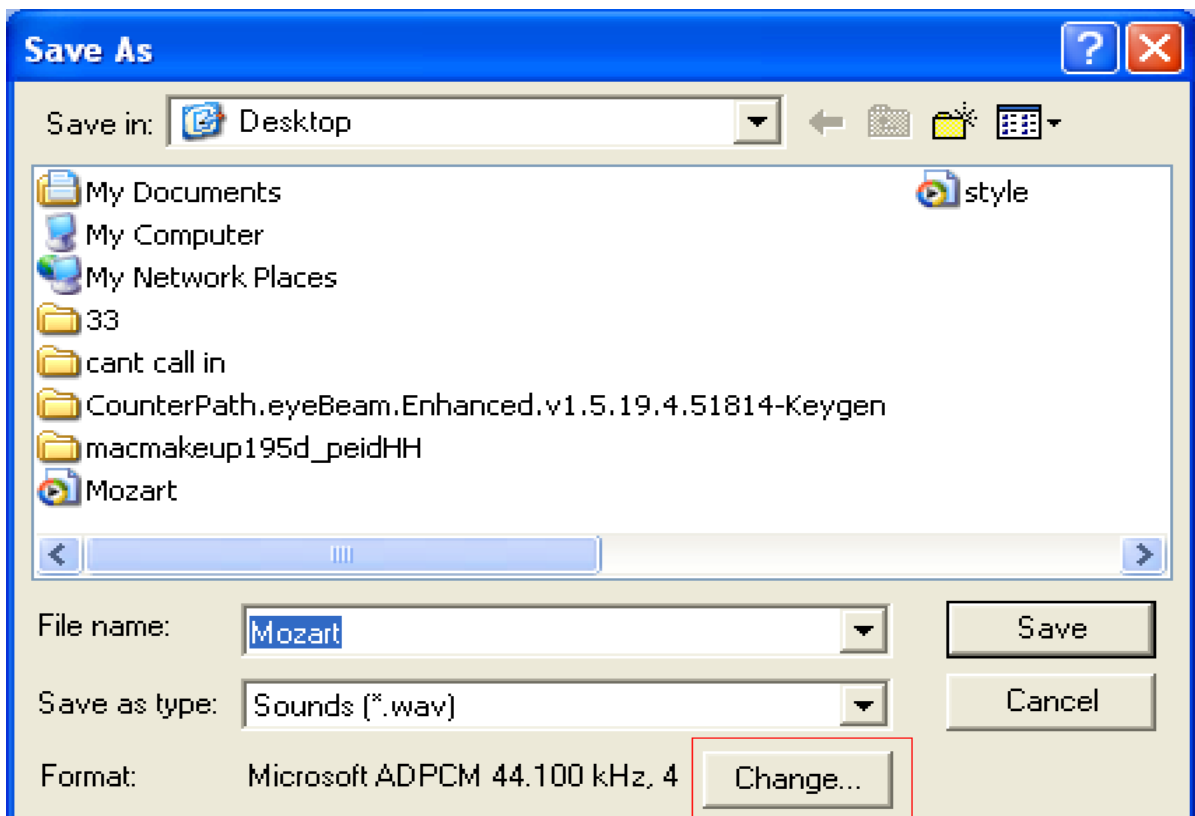


Figure 1-4

**Step 5.** Choose an option on 'Sound Selection'.

**Format:** PCM

**Attributes:** 8.000 kHz, 16 Bit, Mono 15Kb/sec

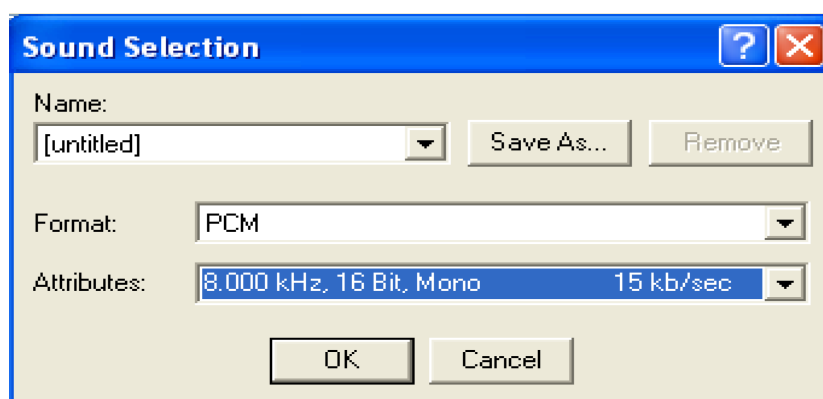


Figure 1-4

**Step 6.** Click 'OK' to save the settings and the voice file.

## 2. Customize a sound file in A-Law(G.711) format

**Step 1.** Open the Recorder software:

Start menu→Program→Attachment→ Entertainment→ Recorder

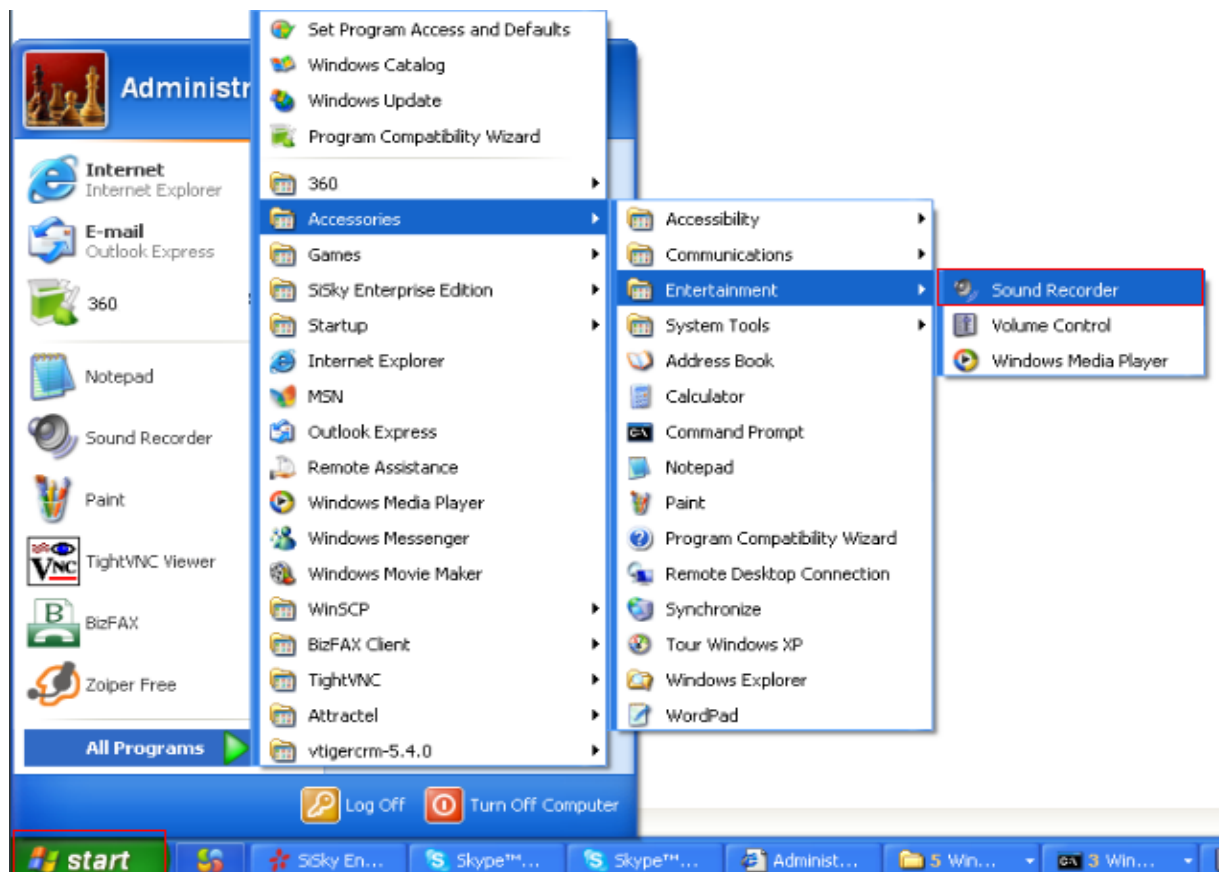


Figure 2-1

**Step 2.** Open a recorded file or record a new prompt message file.



Figure 2-2

**Step 3.** Click 'file->Save As' on the panel.



Figure 2-3

**Step 4.** Change the format; click the 'Change' button.

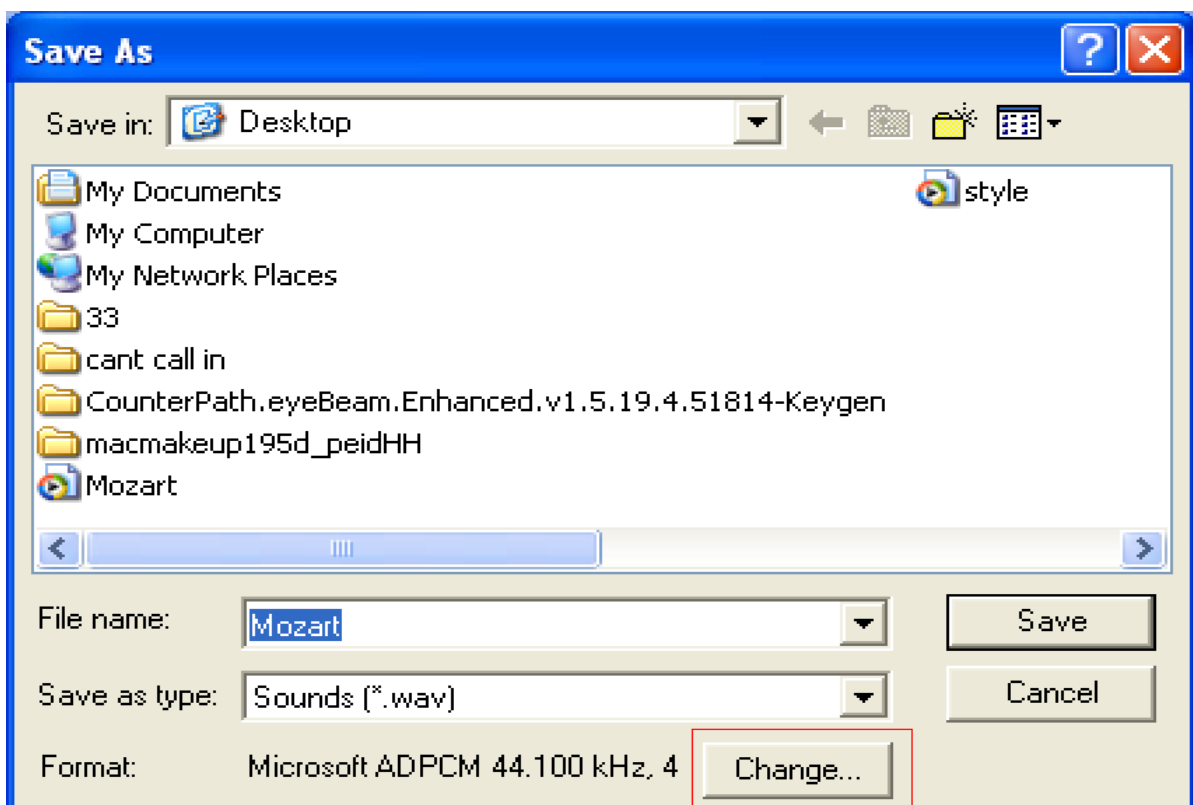


Figure 2-4

**Step 5.** Choose an option on 'Sound Selection'.

**Format:** CCITT A-Law

**Attributes:** 8.000 kHz, 8 Bit, Mono 7Kb/sec

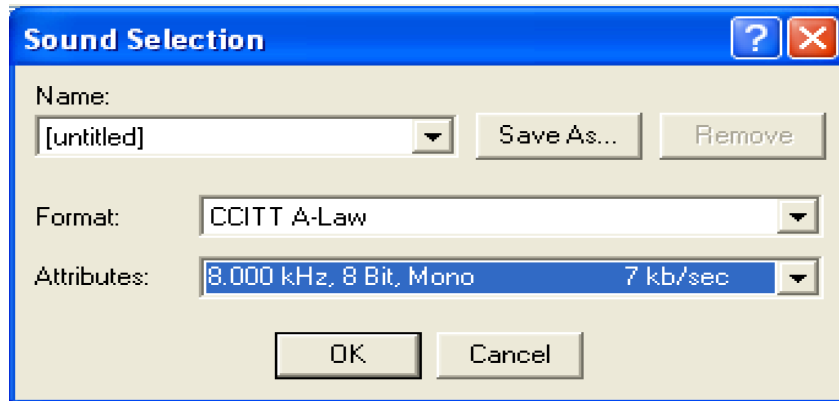


Figure 2-5

**Step 6.** Click 'OK' to save the settings and the voice file.



### 3. Customize a sound file in U-Law(G.711) format

**Step 1.** Open the Recorder software:

Start menu→Program→Attachment→ Entertainment→ Recorder

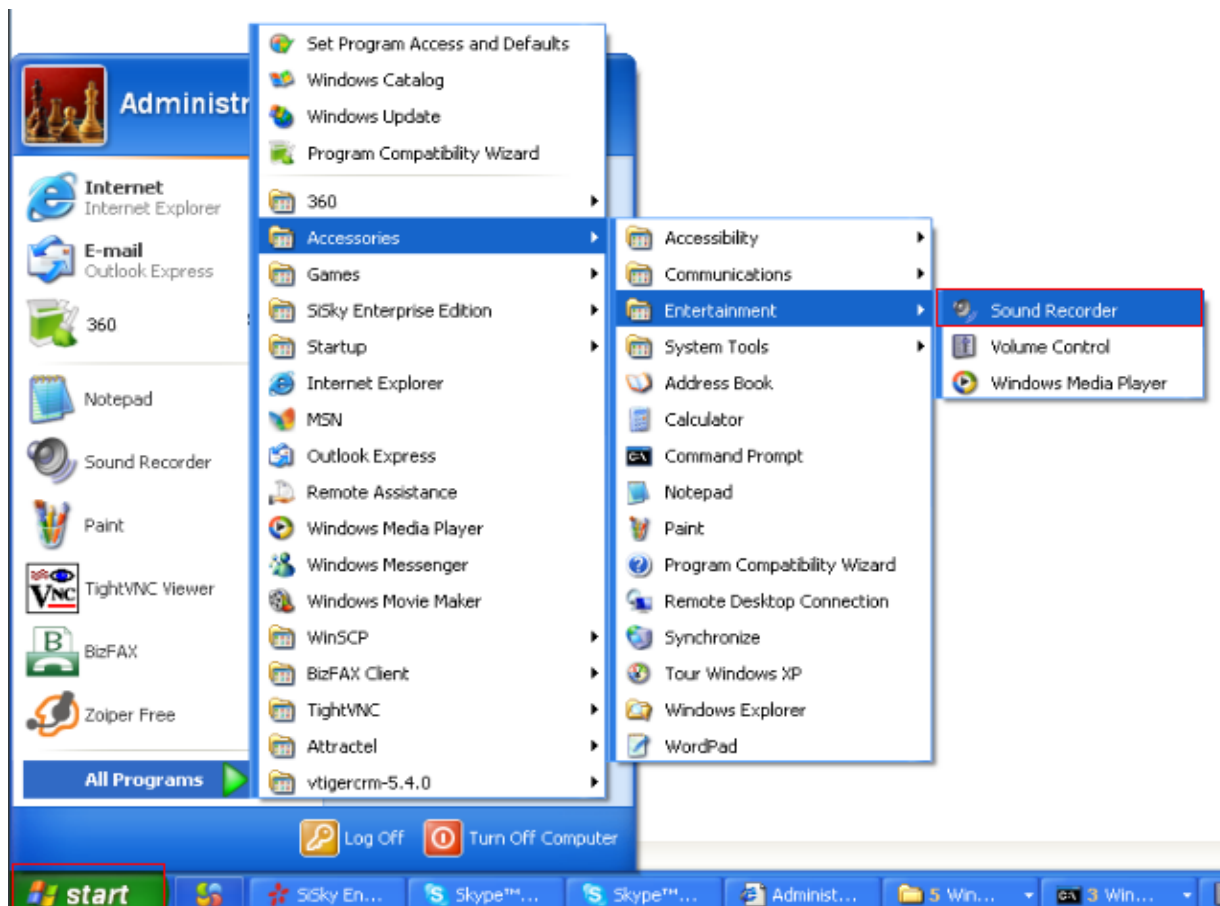


Figure 3-1

**Step 2.** Open a recorded file or record a new prompt message file.



Figure 3-2

**Step3.** Click 'file->Save As' on the panel.



Figure 3-3

**Step 4.** Change the format, click the 'Change' button .

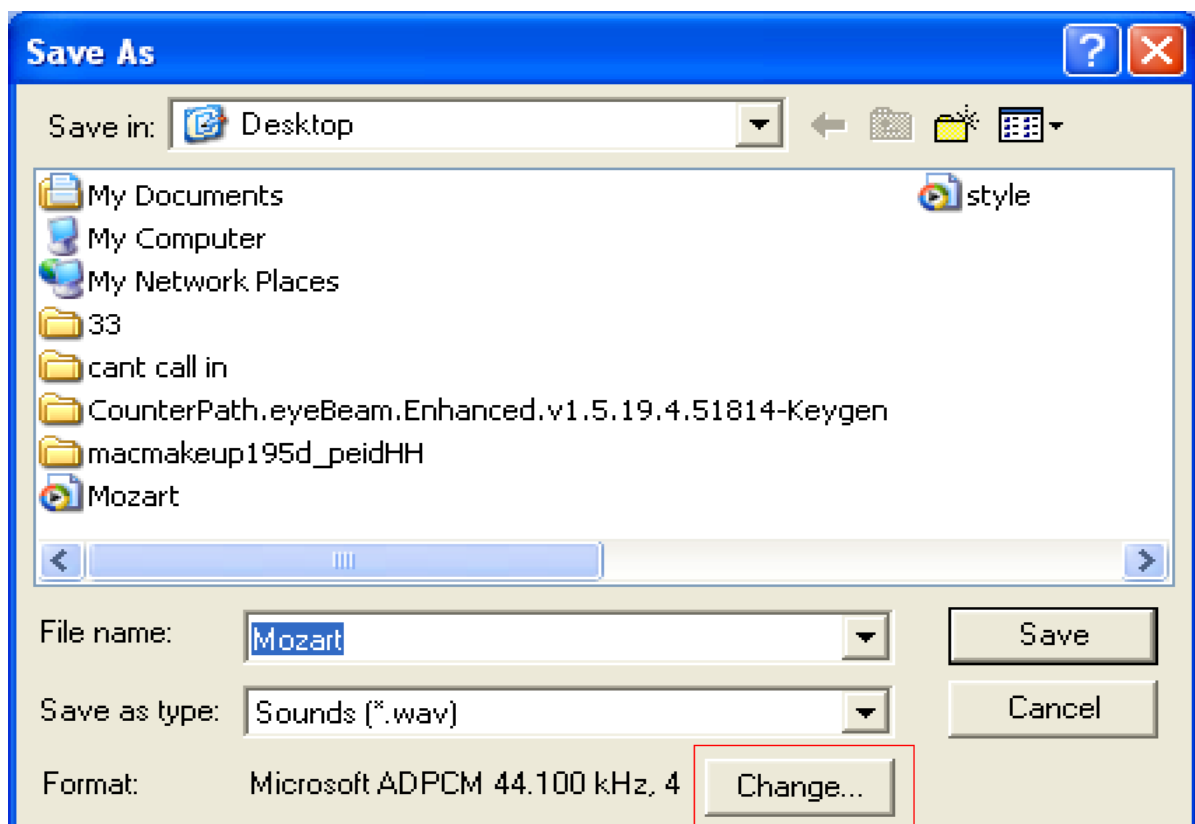


Figure 3-4

**Step 5.** Choose an option on 'Sound Selection'.

**Format:** CCITT u-Law

**Attributes:** 8.000 kHz,8Bit, Mono 7Kb/sec

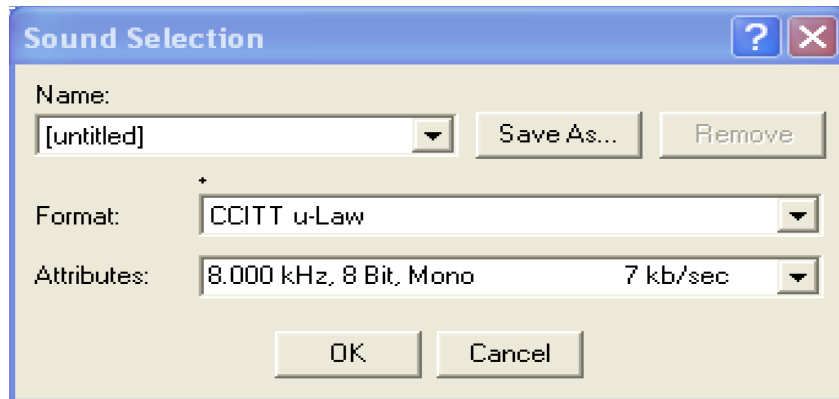


Figure 3-5

**Step 6.** Click 'OK' to save the settings and the voice file.

## 4. Customize a sound file in GSM6.10 format

**Step 1.** Open the Recorder software:

Start menu→Program→Attachment→ Entertainment→ Recorder

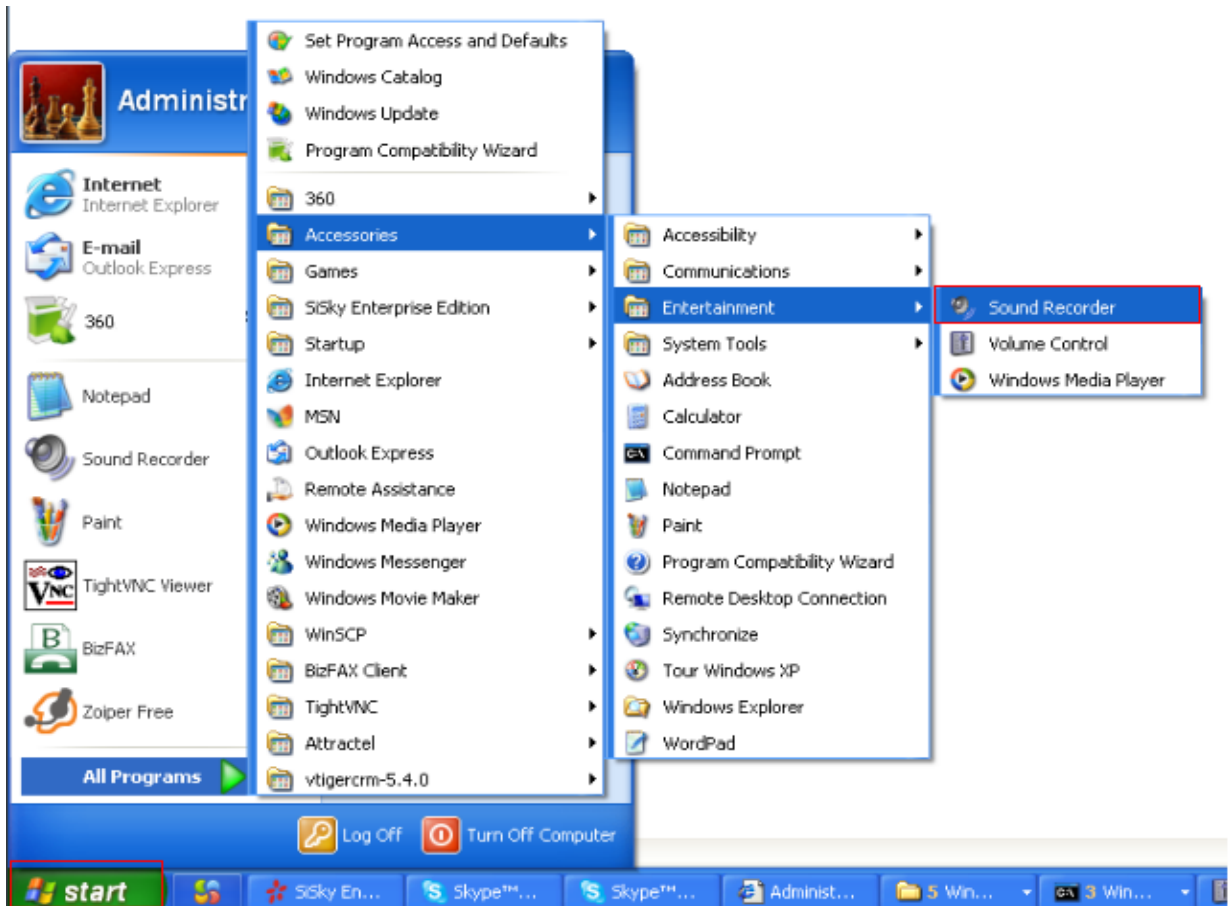


Figure 4-1

**Step 2.** Open a recorded file or record a new prompt message file.



Figure 4-2

**Step3.** Click 'file->Save As' on the panel.



Figure 4-3

**Step 4.** Change the format, click the 'Change' button .

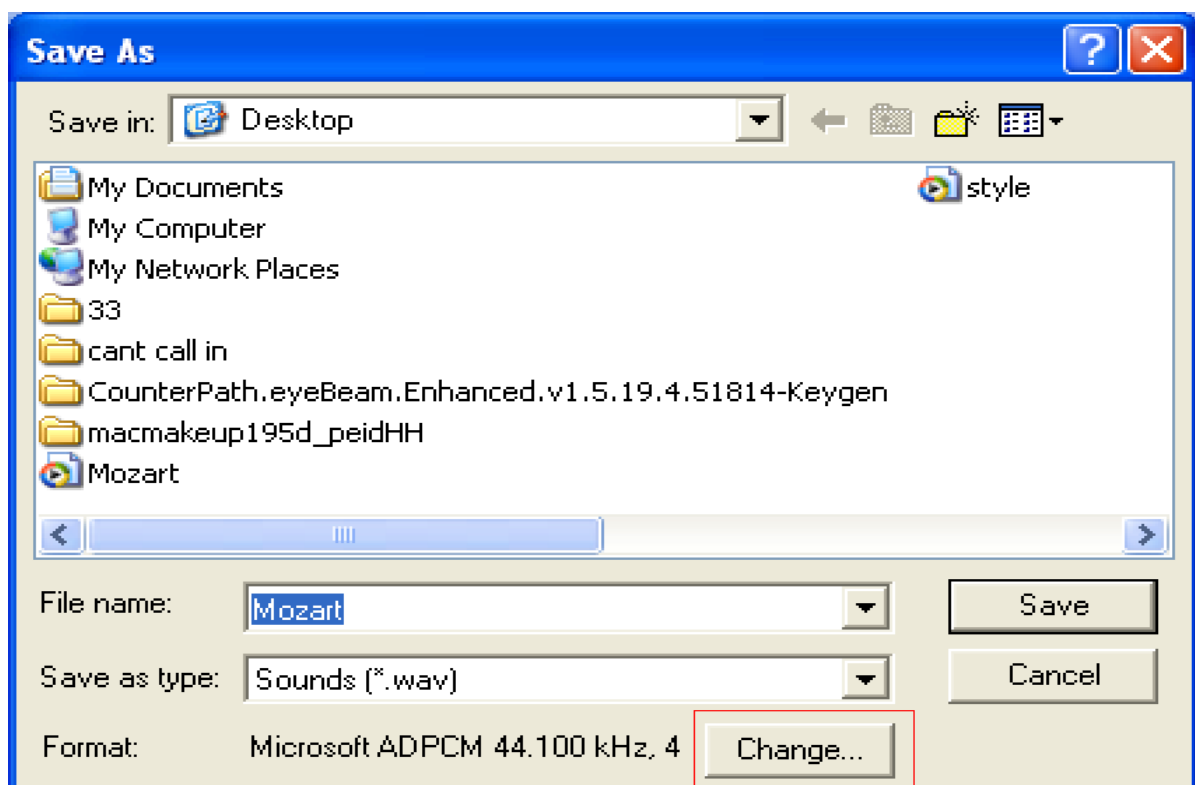


Figure 4-4

**Step 5.** Choose an option on 'Sound Selection'.

**Format:** GSM 6.10

**Attributes:** 8.000 kHz, Mono 1Kb/sec

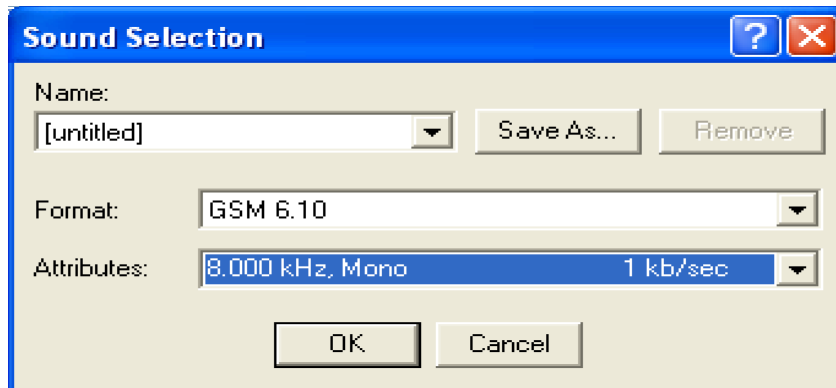


Figure 4-5

**Step 6.** Click 'OK' to save the settings and the voice file.

## 5. Customize a sound file in GSM format

**Step 1.** Download and install WavePad audio editing software and install it on your PC. You can download the software here: <http://www.nch.com.au/wavepad/index.html>

**Step 2.** Run WavePad and click 'Open File' on the panel.

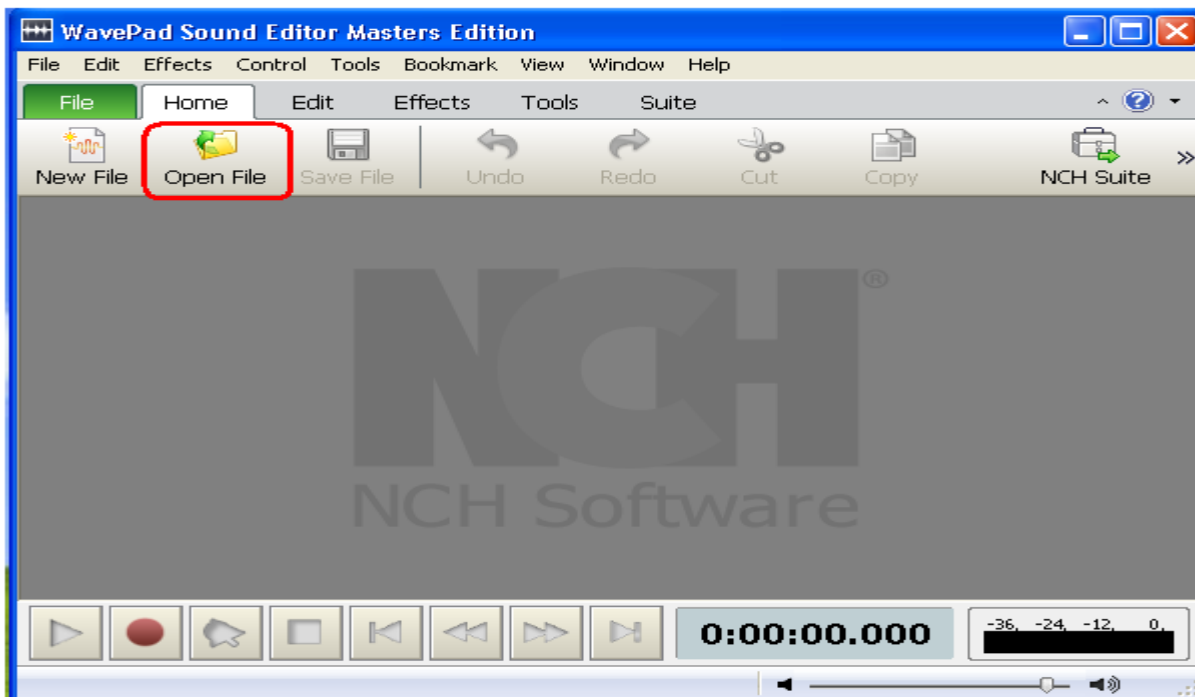


Figure 5-1

**Step 3.** Choose the audio file which you want to convert to GSM format and click 'open'

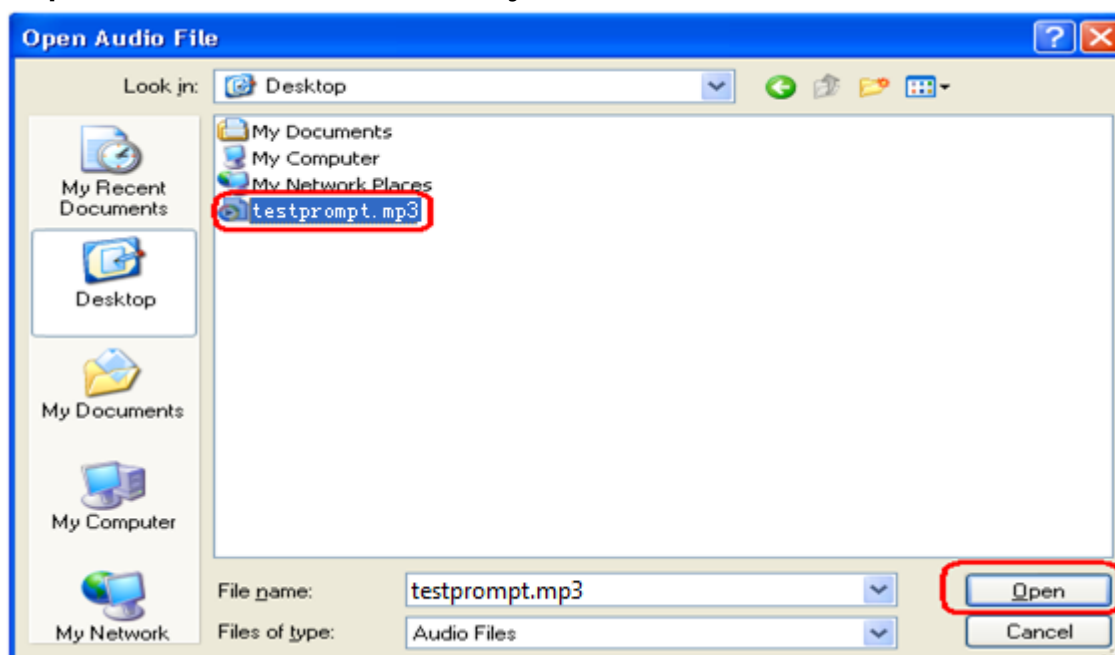


Figure 5-2

**Step 4.** Click 'file->save file as' on wavepad panel.

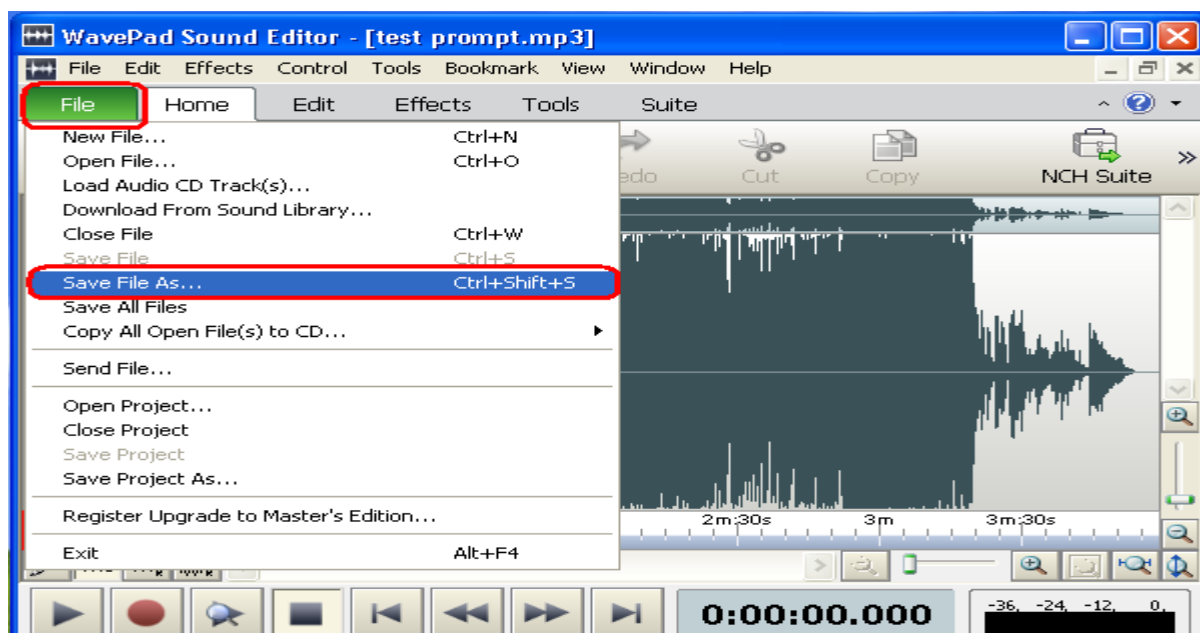


Figure 5-3

**Step 5.** Save as 'GSM(\*gsm)' format and save.

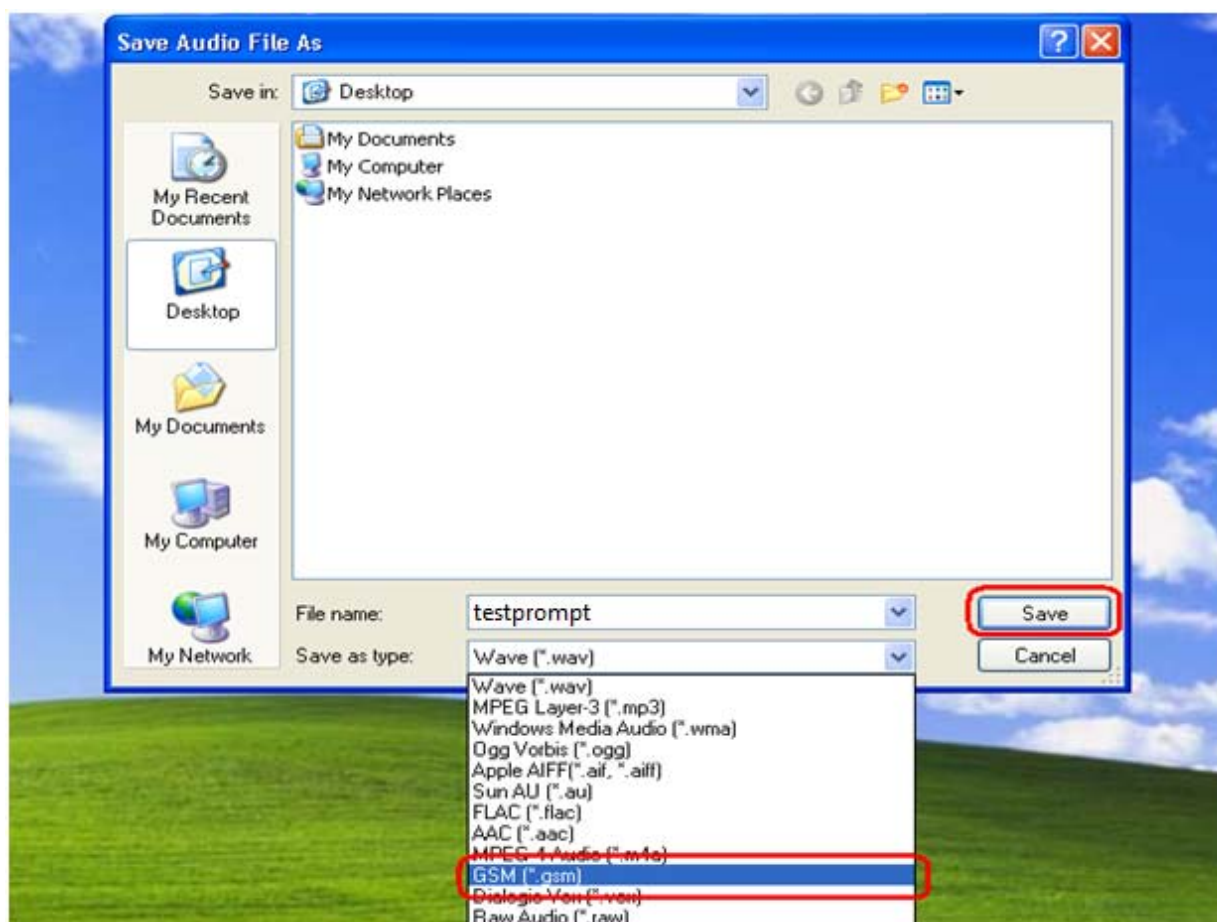


Figure 5-4

<The End>