

## **Troubleshooting Microphone Installation**

## Preface

After connecting the microphone to your sound cards Microphone port (usually pink) or Auxiliary input (Usually Blue) the microphone may appear not to work. It is always best to use the Microphone port as not all microphones will work on the Auxiliary or line in ports as the ports doe not have the necessary amplification options to support some microphones. For the purpose of this document we will assume you are using the microphone port on your sound card.

## Before you begin

Make sure you have actually plugged your microphone into the sound card as some Modems, TV cards & other devices have similar ports to your sound card.

If you had a microphone installed previously but the new one appears not to work this suggest one of a number of things:

- The previous microphone was a different type (there are two type of microphone crystal and condenser, each requires different settings)
- The previous microphone had an amplifier built in
- The new microphone is not as sound sensitive as the previous one
- The new microphone is faulty!

## Troubleshooting

Check the input is enabled

Go to control panel (usually available from the Start Menu)

In Windows XP (Category view) Click Sound, Speech, and Audio Devices Click Sounds and Audio Devices

In Windows XP (Classic View) and previous versions of Windows

Double click Sounds and Audio Devices





You should get the 'Sounds and Audio Devices Properties' dialogue box:

Sounds and	l Audio Dev	vices Prope	rties	?	X
Volume	Sounds	Audio	Voice	Hardware	Ц
Ø,	Vinyl AC'97 A	udio (WAVE)			
- Device v	olume				
0				<b>0</b> -	
	Low			High	
	Mute				
	🗹 Place vo	lume icon in tł	ne taskbar		
			Adv	anced	
Speaker	settings				
	Use the speaker	settings belov volume and o	w to change i other settings.	ndividual	
	Spea	ker Volume	Adv	anced	
		ОК	Cancel	Apply	

**Note:** Depending on the sound card in your computer (in this case the Vinyl AC'97 Audio (WAVE)) the exact appearance of this dialogue will vary slightly.

Click the Advanced Button to bring up the Master volume control:

🚺 Master Volume				
Options Help				
Master Volume	Wave	SW Synth	Line In	CD Player
Balance:	Balance:	Balance:	Balance:	Balance:
Volume:	Volume:	Volume:	Volume:	Volume:
Mute all Advanced	Mute Mute	Mute Mute	🔲 Mute	Mute Mute
Vinyl AC'97 Audio (WAVE)				





Click on the Options menu and, if present, make sure the 'Advance Controls' menu option has a tick by it (if there is no tick just click on the menu item to enable it).

Click Options and then Properties to bring up the sound properties dialogue:

Properties		? 🔀
Mixer device:	Vinyl AC'97 Audio (WAVE)	~
Adjust volum	e for	
<ol> <li>Playback</li> </ol>		
O Recordin	9	
🔘 Other	Multi Channel	~
Show the follow Wave SW Synt 3D Dept Mic Line In CD Playe Video	ving volume controls: olume h n	
	ОК	Cancel

Next click the recording radio button and make sure the microphone (Mic) is ticked:

Properties		?×
Mixer device:	Vinyl AC'97 Audio (WAVE)	~
-Adjust volum	e for	
🔘 Playback		
<ul> <li>Recording</li> </ul>	3	
🔿 Other	Multi Channel	~
Show the follow	ving volume controls:	
Recordin	g Control ixer	
Mic		
CD Playe	r	
U Video		
Aux		
<		>
	ОК Са	incel





Then click Ok and the Master volume control will reappear; note that the control panel has changed:

🚺 Recording Control			
Options Help			
Recording	Mic	Line In	CD Player
Balance:	Balance:	Balance:	Balance:
Volume:	Volume:	Volume:	Volume:
Mute all	Select	Select	Select
Vinyl AC'97 Audio (WAVE)			

Make sure the Mute All box is NOT ticked and that the Mic Select box is ticked (as shown above), leave the volume set at about half way then click the advanced button to bring up the Microphone Advance options:

Advanced Controls for Mic			
These settings can be used to make fine adjustments to your audio.			
Tone Controls			
These settings control how the tone of your audio sounds.			
Bass: Low High			
Treble: Low High			
Other Controls These settings make other changes to how your audio sounds. See your hardware documentation for details. I Mic 20db			
Close			

Make sure the Mic 20db box is ticked (note on some sound cards this is referred to as Bass Boost) then click close. Close the 'Recording Control' dialogue. If need be click the Apply button on the 'Sounds and Audio Devices Properties' and the click OK. If you still can not hear any input from the Microphone repeat this but turn the volume up. If the sound is too distorted repeat the above and remove the Mic 20db option.

**Note:** Once the microphone is configured you may need to configure your application software to look at the appropriate port, check the product installation guide, manual of online help for further information on how to do this.