

ICONNEX

by iKEY-AUDIO

QUICK SETUP GUIDE

*SETUP FOR ICONNEX SOUND CARD
AND AUDACITY RECORDING SOFTWARE*



SETUP GUIDE

iCONNEX

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Congratulations on your purchase of the iKey Audio iConnex soundcard. This guide will help you setup the iConnex soundcard as well as the included Audacity software. Please take the time to carefully read through this guide as it will help you better understand how to use your new iConnex soundcard.

STEP 1 CONNECTIONS:

COMPUTER HOOK UP:

First you should connect your iConnex to your laptop or desktop computer using the USB cable that came in the iConnex package, making sure to connect the smaller SQUARE end of the USB cable to the iConnex. Then connect the other larger FLAT end to the USB port on the back, side or front of your desktop or laptop computer.

USB cable
Included



OR

INPUTS:

The iConnex can be connected to most of your Tape, Phonograph (Turntable), and Stereo receivers as long as they have a phono or line level TAPE/RECORD output, these INPUTS are divided into two sperate types and both accept standard RCA type cables (not included).

INPUT (LINE):

The line level input accepts any line level source such as CASSETTE TAPE PLAYER, DJ MIXER, CD PLAYER or even an all in one stereo system that has a RECORD output. You may use a standard pair of RCA type cables to connect your stereo/mixer/tape player to the iConnex line input.



If your record player is attached to a whole stereo system you must make sure that the system has a RECORD, TAPE or LINE output making sure to connect this output using the LINE input as described above.



WARNING!

DO NOT CONNECT A LINE LEVEL OUTPUT TO THE PHONO INPUT AS WELL AS NEVER CONNECT A SPEAKER OUTPUT TO ANY INPUT AS IT MAY DAMAGE THE ICONNEX.

CONNECTIONS (continued)

INPUT (PHONO):

The PHONO input accepts any standard magnetic cartridge, stand alone turntable or record player.

Connect your record player to the PHONO input making sure to connect the thin black GROUND wire to the silver GROUND SCREW located on the bottom of the iConnex, failure to connect the ground wire will cause a humming to be present in your recordings.

Once you have chosen which INPUT you are going to use, make sure that the INPUT SELECTOR SWITCH is in the appropriate position, LINE if you are using the LINE input or PHONO if you are using the PHONO input.

OUTPUT:

The OUTPUT section allows you to use the iConnex as an output for your computer and can be used instead of your computers built in output. You may then connect the OUTPUT of the iConnex to any Mixer, Stereo Receiver, Amplifier or any system with a LINE level or AUX input. Then use the built in THUMB WHEEL volume control located on the side of the iConnex to adjust the volume of the iConnex output.

Once you have made all the proper connections you may then setup your computer, although the iConnex is a PLUG AND PLAY device there may be some settings you need to go over depending on your computers configuration.

For your computer settings and an Audacity RECORDING SOFTWARE overview please continue to the next page.

BOTTOM



TOP



WARNING!

IF YOUR TURNTABLE IS MISSING A GROUND WIRE YOU MUST RE-ATTACH ONE OR THE TURNTABLE OUTPUT WILL EMIT A HUM!



Make sure the input select switch is set to the input you are using.



Use the built in THUMB WHEEL to adjust the output volume



COMPUTER SETUP

YOUR COMPUTERS SETTINGS

Setting up your computer to work with the iConnex is a simple task as the iConnex needs no driver or program to work, Simply connect the USB cable from your desktop computer or Laptop Computer to the iConnex, and should be ready to go. If you have a desktop computer Please make sure that you connect the iConnex to a USB port on the back of your computer as it may not work with the USB input located on the front. If you wish to check and make sure that the settings are correct, go to your START menu then your choose CONTROL panel. Look for the SOUND control panel, choose it, a dialogue box will pop up. Check and make sure that the USB codec is chosen on both the INPUT and the OUTPUT tabs.

After all your connections and settings are in order you are now ready to install the Audacity recording software that came include inwith your iConnex soundcard.



Choose Start menu then Control panel to set audio

Check the Sound control panel to make sure that the input and outputs are set to USB codec.

The diagram illustrates the process of navigating to the Windows Control Panel and then to the Sound control panel. It shows a Windows Start button icon, a red arrow pointing to a 'Control Panel' window, and another red arrow pointing to the 'Sound' icon in the Control Panel. Below this, two screenshots of the Windows 'Sound' control panel are shown. The first screenshot shows the 'Playback' tab with 'Speakers 5- USB Audio CODEC Working' selected. The second screenshot shows the 'Recording' tab with 'Microphone 5- USB Audio CODEC Working' selected. A red circle highlights the 'Sound' icon in the Control Panel.

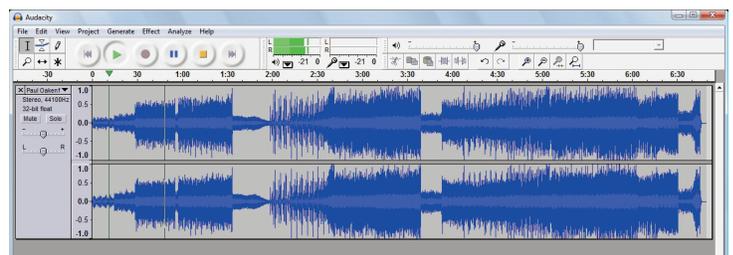
NOTICE!

AUDACITY is a freeware program and has no relation to iKey audio, any and all customer service issues should be directed to AUDACITY at audacity.sourceforge.net.

INSTALLING AND SETTING UP AUDACITY

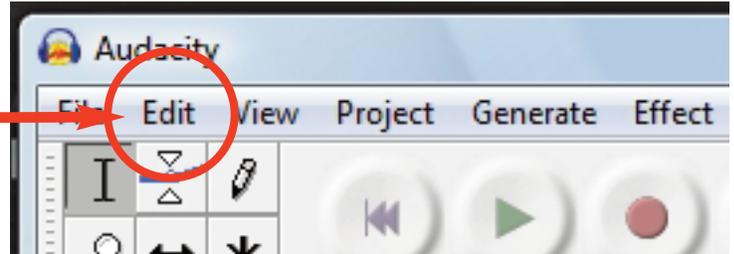
Audacity is the software that is bundled with the iConnex and allows you to record your old RECORDS or TAPES, although we do not manufacture the AUDACITY software we have included it along with your iConnex as a courtesy and convenience to our customers.

To install AUDACITY insert the disk into your computers CD-ROM drive, go to your start menu and open MY COMPUTER and choose the AUDACITY CD. Open the AUDACITY folder and choose SETUP this opens the install wizard, follow the prompts and the wizard will install AUDACITY and create an ICON on your desktop. when the install wizard finishes, look for the AUDACITY icon on your desktop and click it this will open AUDACITY.



COMPUTER SETUP (CONTINUED)

Once the program is open choose the **EDIT** pull down menu and choose **PROPERTIES** This will open a **PREFERENCES** dialogue box.



AUDACITY SETTINGS

Although the PREFERENCES box has 7 different tabs you need to only worry about the first three, lets go over those settings now.

AUDIO I/O

The **Audio I/O** tab is where you choose how **AUDACITY** sends and receives audio for most computers this is automatically set once you plug in the iConnex sound card. These settings are as follows:

“Playback” Determines which output Audacity will play out of. Choose Microsoft sound manager if you wish for Audacity to play out of your computers speakers. Or choose “USB audio Codec” if you are going to be using the iConnex soundcard as your output device.

“Recording” The “DEVICE” should be set to “USB audio Codec” Audacity will then be set to record from either the LINE or PHONO input of the iConnex soundcard, depending on which one you are using. “Channels should be set to the default “2 (Stereo)” then there are two extra features that can be chosen, the first box “Play other tracks while recording new one” should be UNCHECKED. The second box “Software play through (play new track while recording it)” should be CHECKED. Once you have made these settings you can click the next TAB.

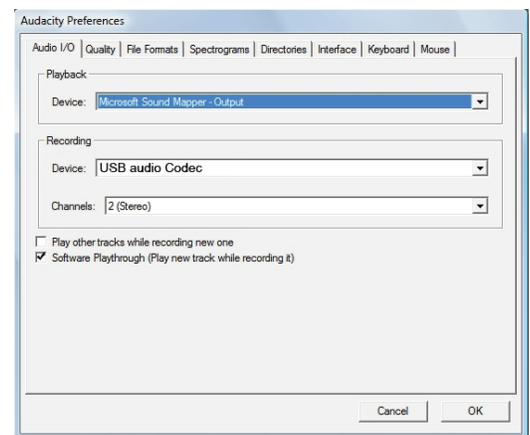
QUALITY TAB

The “The Default Sample Rate” should be set to 44.100Hz, the “Default Sample Format” should be 16-bit. Both the Real-time sample rate converter, and the Real-time sample rate converter should be set to “High-quality Sinc Interpolation. Then also both the-real time dither or the High-quality dither should be at none.

AUDACITY HAS 7 DIFFERENT SETTINGS TABS YOU WILL ONLY NEED TO WORRY ABOUT 3 OF THEM.

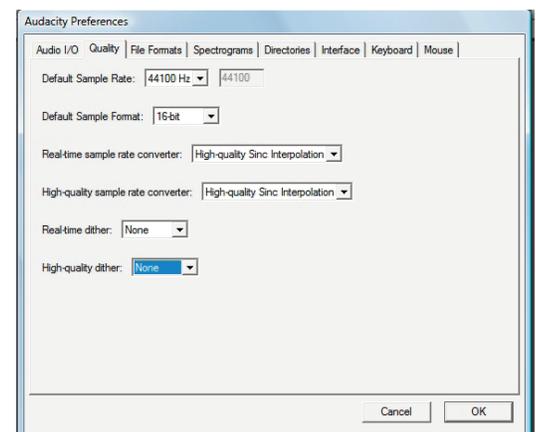
AUDIO I/O

TAB 1



TAB 2

QUALITY



COMPUTER SETUP (CONTINUED)

FILE FORMATS TAB

In the “When importing uncompressed audio files into Audacity” section of this TAB only the “Read directly from the original file “ should be checked.

In the “Uncompressed Export Format” section you should chose WAV (microsoft 16bit PCM), and although you could chose a compressed format like Mp3 we recommend that you used an uncompressed format like WAV when preserving your RARE Records or Tapes.

The other two sections “OGG export setup” and MP3 export setup should be left at their default setting.

Once you have completed your settings you may chose OK and the settings box will close automatically saving the new settings.

RECORDING

To monitor the audio signal that you are sending to the iConnex you must set the pulldown menu that is located next to the right of the little MICROPHONE icon to “MONITOR INPUT” You should now be able to hear the signal coming from your iConnex, use the input volume control knob on the iConnex to set your input level, now you can begin recording.

Press the **RECORD** button to start recording, You will see a waveform being created as Audacity records. when you are done press the **STOP** button, to save your recording, simply choose (EXPORT WAVE FORMAT) under the “FILE” pull down menu, choose the drive you wish to save the file to and press OK.

Repeat this process for every new recording.

You are now ready to use the iConnex to transfer all of your records and tapes!

TAB 3

FILE FORMATS

