DSPSeries USB
DSP306USB
DSP408USB

Speaker Controller
Software DSPLink v2.xx
Firmware v7.xx

Quick Installation Guide
May 2009

1.INTRODUCTION

This guide explains how to connect the DSP unit to the PC. A PC with Windows XP (or higher) and a free USB port is required.

2.INSTALLING THE SOFTWARE

IMPORTANT: Prior to connecting the DSP unit to the PC, the software (DSPLink) and driver (Silicon Labs) required must be installed in the PC.

Step 1: Connect the USB Pen drive supplied with the DSP to your PC. Under the folder "Software", you will find the file DSPLink-2.11.msi. Double click on it and the installation process will begin.

If you don't have the USB Pen Drive available, you can alternatively download this file from the link www.master-audio.com/download/DSPLink-2.11-Setup.zip

In the first screen, select "Install USB Driver"
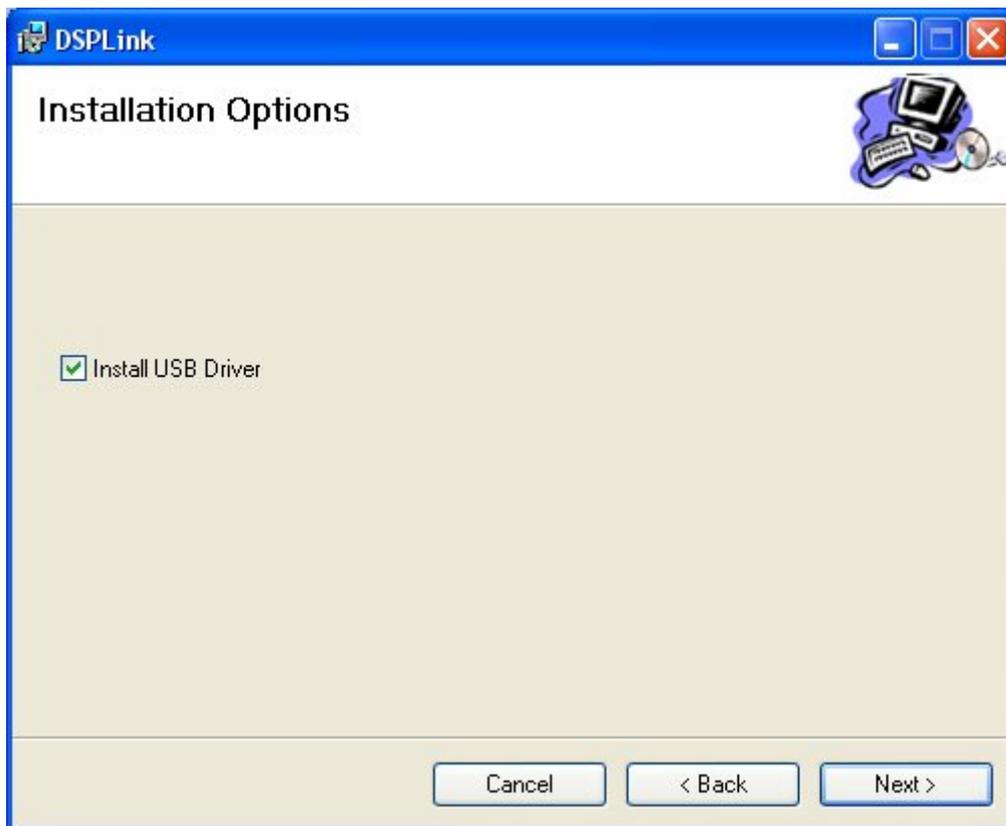
Step 2: At this point you may be asked to install Microsoft's .NET Framework. This is needed by the application to run. You can find the latest .NET Framework installation file in the USB Pen Drive, under the folder Software/ DotNet Framework 3.5.

After this installation, you will be prompted for computer restart. Please proceed with it. When the computer is up again, execute the DSPLink installer again. Again, select the option "Install USB Driver".

Step 3: After the software is installed, the wizard will prompt for installing the driver. Select "Launch the CXP210x VCP Driver Installer" and click on "Finish".
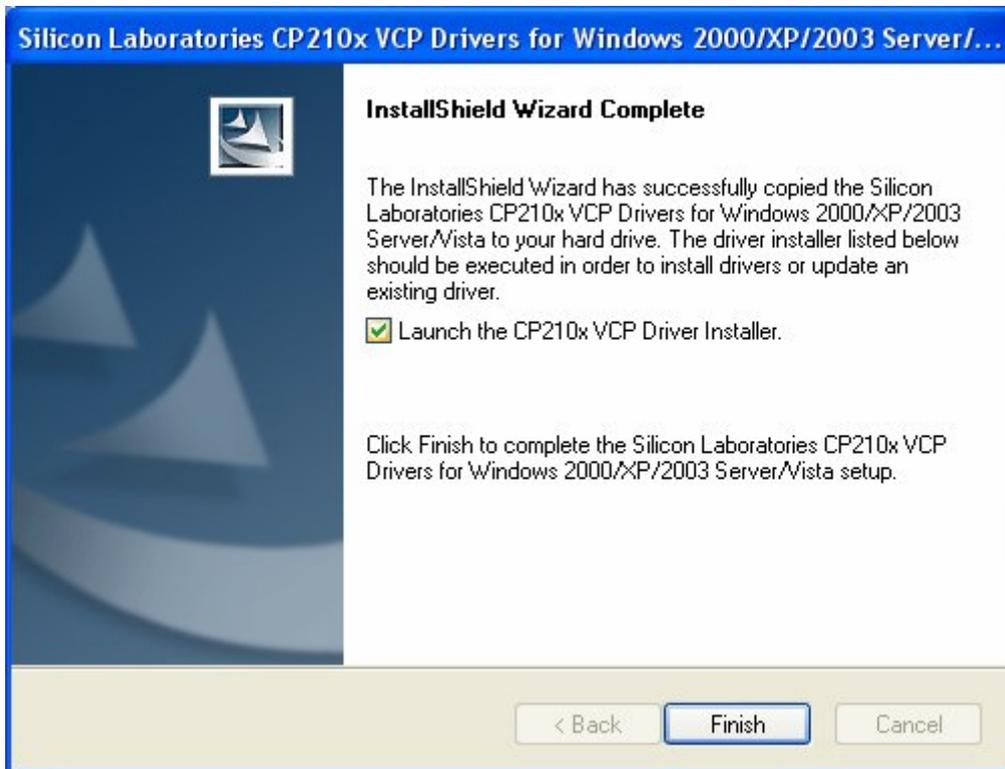
Step 4: Click on "Install" to proceed with driver installation.

Installation is finished completely. Now the DSP unit can be connected to the PC. The next chapter follows on how to configure the connection.

3.<u>CONNECTING THE UNIT (USB)</u>

Step 1: Connect your DSP device to your USB port now. New hardware is found as "Silicon Labs CD210x USB to UART bridge". After that, your computer will inform that "New hardware is ready to use".

Step 2: To check that the port is properly installed, go to "Start > Control Panel > System > Hardware manager". Under the entry "Ports (COM & LPT)" you will have a line named "Silicon Labs CP210x USB to UART Bridge (COMxx)". "xx" is the port number used in your computer. In the Example is COM11.
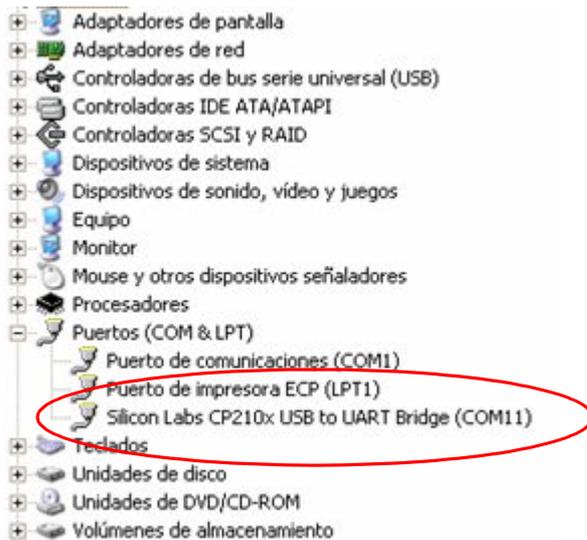
Step 3: Execute DSPLink (click on icon, under Start > Programs). You will be asked "Do you want to connect to the device?". Now answer "NO" to this question.

Step 4: In the main menu, select Setup/port connection. The following window will appear:
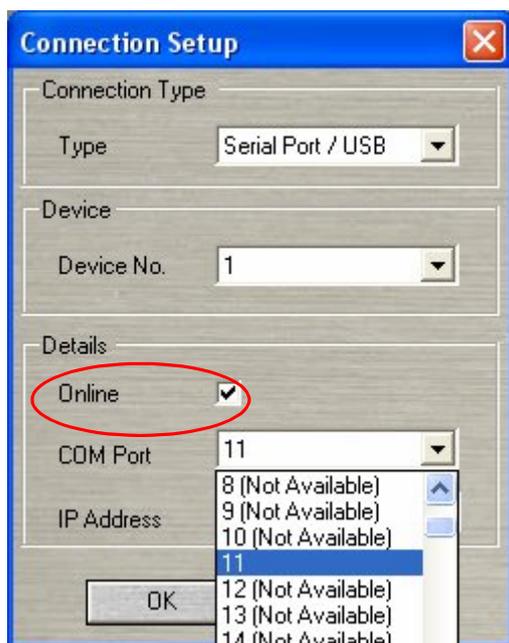
For USB connection, select the following parameters:
Connection Type: Serial Port/USB
Device No. 1
Details:
Online: **IMPORTANT: Check this box to activate the connection**
COM Port: Select the COM Port in which the Silicon Labs driver (in Step 2) is installed.

Now click on OK. You will be prompted to restart the program. Click on "Yes".

Step 5: Start DSPLink again. Now answer "Yes" to the question "Do you want to connect to the device?" The device will be detected and will appear on the Device List as "Connected". Click on it to access the parameters.
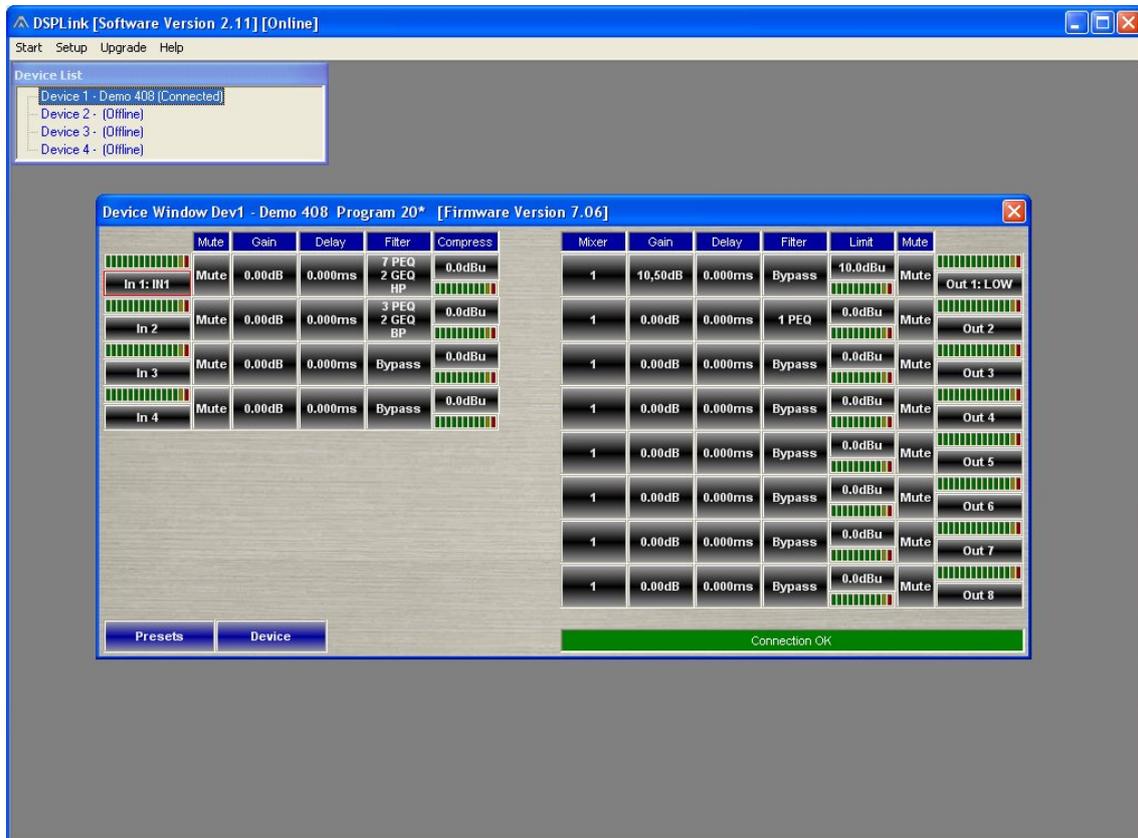
4.CONNECTING THE UNIT (ETHERNET)

IMPORTANT: The Ethernet option is only available if you purchased the DSP unit with the optional Ethernet connectivity card.

Step 1: Set the IP address at the DSP unit. To do that, use the front panel controls as following:
Click "Enter" to go inside the Main Menu
Click on "Menu >" key until you reach the SYSTEM Eth-IP Option
Enter the IP Address you want to use (example: 192.168.1.120)

```
SYSTEM      Eth-IP
:192.168.001.120
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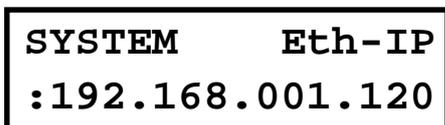
IMPORTANT: If you are using a direct connection to the device, or via a switch, you need to assign manually an IP address to the network card of your PC. In this address, the three first figures must be the same as the assigned to the DSP unit, but the fourth must be different. For this example, 192.168.1.11 will be fine.

If you are connecting the unit through a router, please take into account the router configuration in order to assign the first three numbers of the IP address (must be the same used in your Local Area Network).

You will not be able to connect the DSP unit if your router is using dynamic IP addressing (DHCP).

Step 2: Connect your DSP device to the Ethernet port of your computer or through a switch/bridge.

Step 3: Execute DSPLink (click on icon, under Start > Programs). You will be asked "Do you want to connect to the device?". Now answer "No" to this question.

Step 4: In the main menu, select Setup/port connection. The following window will appear:

For Ethernet connection, select the following parameters:
Connection Type: CAT-5 Ethernet
Device No. 1
Details:
Online: **IMPORTANT: Check this box to activate the connection**
IP Address: Enter the same IP address that you configured at the unit in Step 1. In this example 192.168.1.120

Now click on OK. You will be prompted to restart the program. Click on "Yes".

Step 5: Start DSPLink again. Now answer "Yes" to the question "Do you want to connect to the device?" The device will be detected and will appear on the Device List as "Connected". Click on it to access the parameters.