Audio ITT Computer Setup

Rev 1 – 9 April 2018

201 Daktronics Drive PO Box 5128 Brookings, SD 57006-5128
Tel: 1-800-DAKTRONICS (1-800-325-8766) Fax: 605697-4746
www.daktronics.com/support

DAKTRONICS

- Complete the steps in this guide prior to arriving to Friday's class on Daktronics Audio Products as you will need to connect your computer to the Daktronics sound systems for testing.

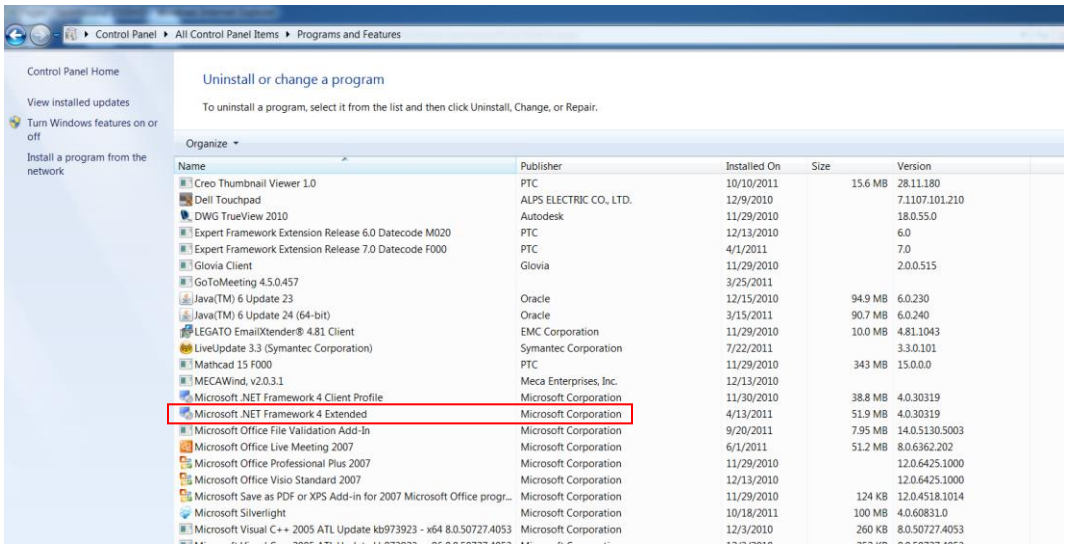
    - Install Cobranet Discovery and follow setup guide
    - Know how to set static IP on computer
    - Download and unzip Monitor Panels
    - Download firmware files and store in appropriate folder

Section 1: Software Installation

Each piece of software is free to download and use. Monitor Applications are only available through Daktronics. Monitor Applications are not used with Custom Audio Systems.

1.1 Microsoft .NET Framework 4

1. Verify that Microsoft.NET Framework 4 is installed on your computer by going to **Start > Control Panel > Programs and Features**.

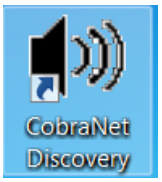


2. If this program is not installed on your computer, you must download and install it from the internet or use the link below before proceeding.

   http://www.microsoft.com/downloads/en/details.aspx?FamilyID=9cfb2d51-5ff4-4491-b0e5-b386f32c0992&displaylang=en

1.2 CobraNet Discovery

1. Download and Install CobraNet Discovery version 4.0.5:
   http://www.cobranet.info/downloads/disco/405



2. Once CobraNet Discovery is installed, there should be a shortcut on the Desktop. Double-click the icon to open the program.

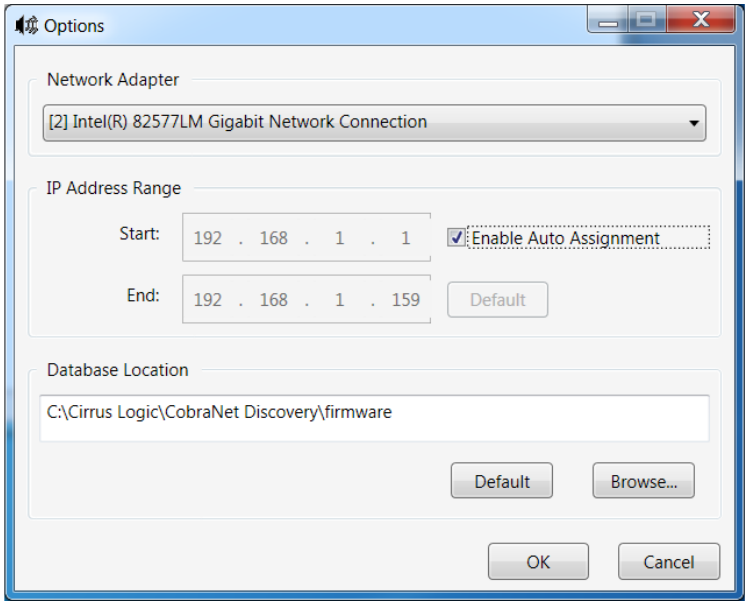
3. In CobraNet Discovery, go to **Tools > Options**.

   a. Select the *Network Adapter* you will use to connect to the amplifier(s).

   b. Set the *Start* and *End IP Address Range* as follows:

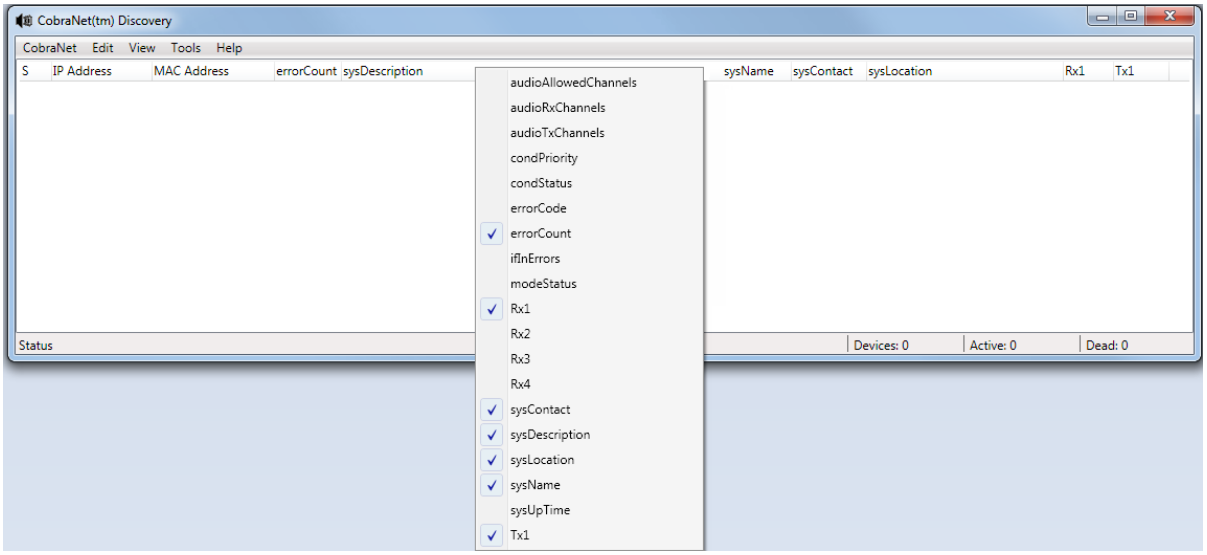
   Start IP Address: 192.168.1.1
   End IP Address: 192.168.1.159

   c. Enable **Auto Assignment**, and then click **OK**.



4. Ensure all of the data fields below are visible:

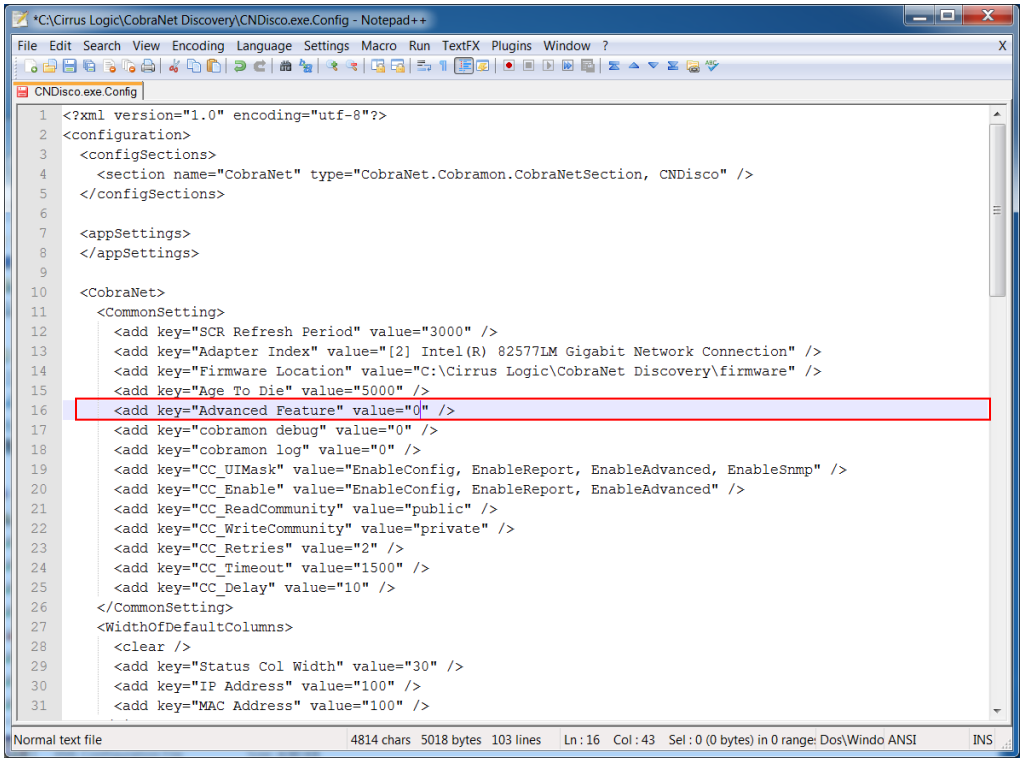
IP Address MAC Address errorCount sysDescription sysName sysContact sysLocation Rx1 Tx1



Note: To add or delete columns, right-click on one of the column headings. Click on the data fields to display in the list that appears.

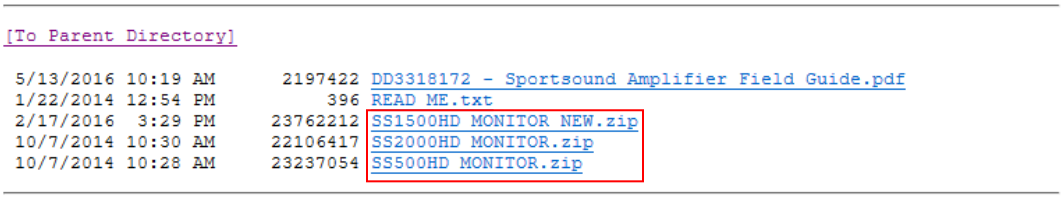
5. Go to "C:\Cirrus Logic\CobraNet Discovery", right-click on "CNDisco.exe.config", and open the file with Notepad or Notepad++.

6. Find the `<add key="Advanced feature" value="0" />` attribute. Change the value from "0" to "1", and then **Save** and close file.


*C:\Cirrus Logic\CobraNet Discovery\CNDisco.exe.Config - Notepad++
File Edit Search View Encoding Language Settings Macro Run TextFX Plugins Window ?
CNDisco.exe.Config
<?xml version="1.0" encoding="utf-8"?>
<configuration>
<configSections>
<section name="CobraNet" type="CobraNet.Cobramon.CobraNetSection, CNDisco" />
</configSections>
<appSettings>
</appSettings>
<CobraNet>
<CommonSetting>
<add key="SCR Refresh Period" value="3000" />
<add key="Adapter Index" value="[2] Intel(R) 82577LM Gigabit Network Connection" />
<add key="Firmware Location" value="C:\Cirrus Logic\CobraNet Discovery\firmware" />
<add key="Age To Die" value="5000" />
<add key="Advanced Feature" value="0" />
<add key="cobramon debug" value="0" />
<add key="cobramon log" value="0" />
<add key="CC_UIMask" value="EnableConfig, EnableReport, EnableAdvanced, EnableSnmp" />
<add key="CC_Enable" value="EnableConfig, EnableReport, EnableAdvanced" />
<add key="CC_ReadCommunity" value="public" />
<add key="CC_WriteCommunity" value="private" />
<add key="CC_Retries" value="2" />
<add key="CC_Timeout" value="1500" />
<add key="CC_Delay" value="10" />
</CommonSetting>
<WidthOfDefaultColumns>
<clear />
<add key="Status Col Width" value="30" />
<add key="IP Address" value="100" />
<add key="MAC Address" value="100" />
Normal text file
4814 chars 5018 bytes 103 lines
Ln : 16 Col : 43 Sel : 0 (0 bytes) in 0 range: Dos\Windo ANSI
INS

1.3 Monitor Application

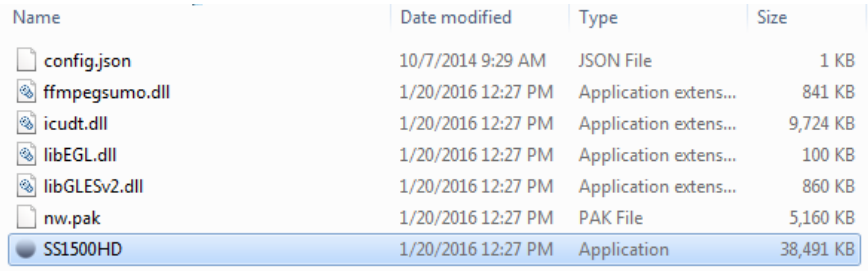
1. Go to http://dakfiles.daktronics.com and navigate to **Audio > Software Installation > Monitor Panels**:



   Download the specific zip file(s) you need.

2. Right-click on a downloaded zip file and select **Extract All**. Click **Extract** to create a folder in the location you saved the zip file. Repeat this step for all downloaded zip files.

3. Inside the unzipped folder, double-click the .exe file to open the program.



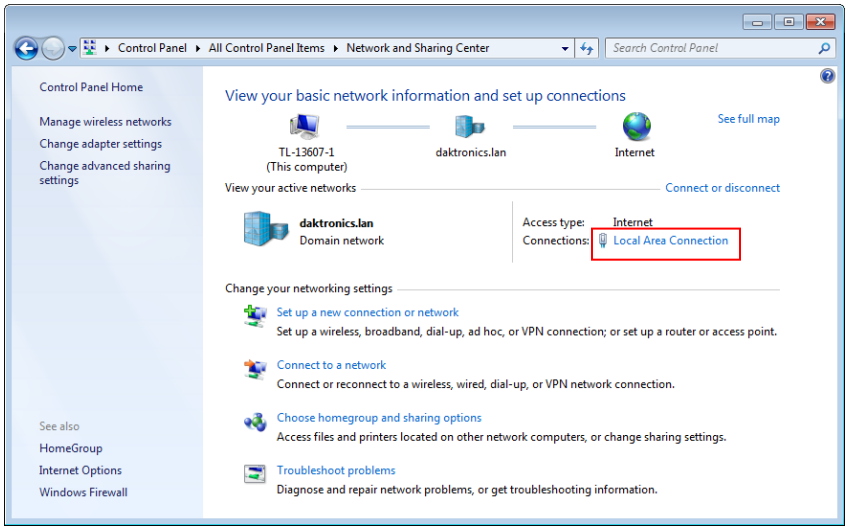
   For more information about the monitor application, refer to **Section 6**.

Section 2: Computer IP Settings

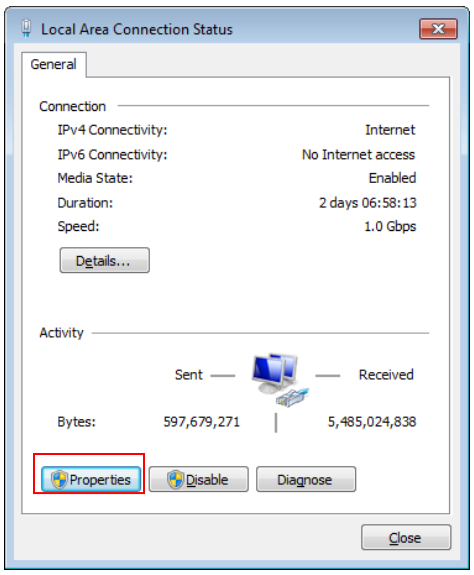
With all the necessary software installed, you must now change the computer's IP settings to connect to the amplifiers.

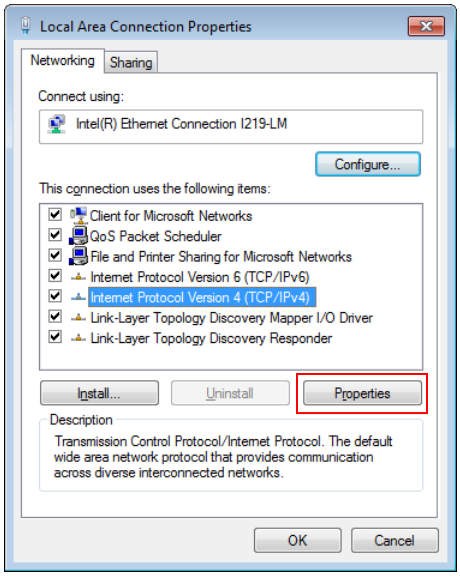
Note: You can either change your IP settings each time you want to connect (**Option A**), or you can set up you computer to select an alternate IP address if it can't find one (**Option B**). Note that Option B does take longer for your computer to read and connect to CobraNet Discovery.

1. Go to **Start > Control Panel > Network and Sharing Center**.
2. Click on your **Local Area Connection**.



3. Click on **Properties**. Select your **Internet Protocol Version # (TCP/IPv#)**, and then click **Properties**.





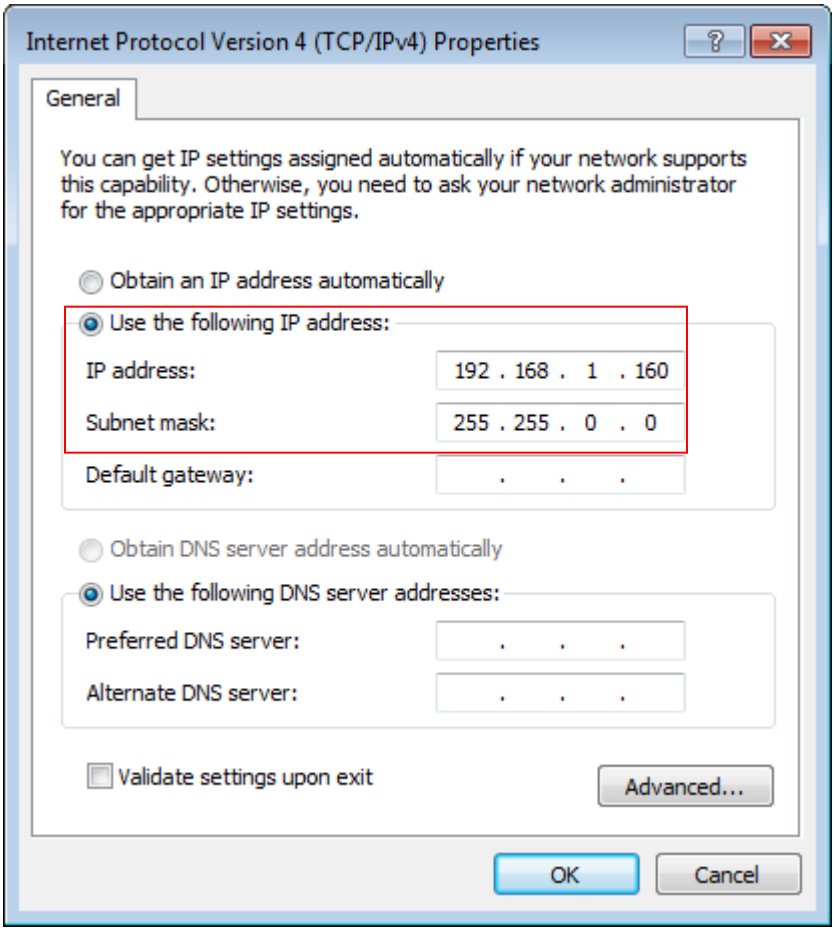
4. Follow the steps in either **Option A** or **Option B**.

2.1 Option A

Click on **Use the following IP address** and enter the *IP address* and *Subnet mask* as shown below. Click **OK** three times when finished to save the settings.

IP Address: 192.168. 1 .160
Subnet mask: 255.255.0.0

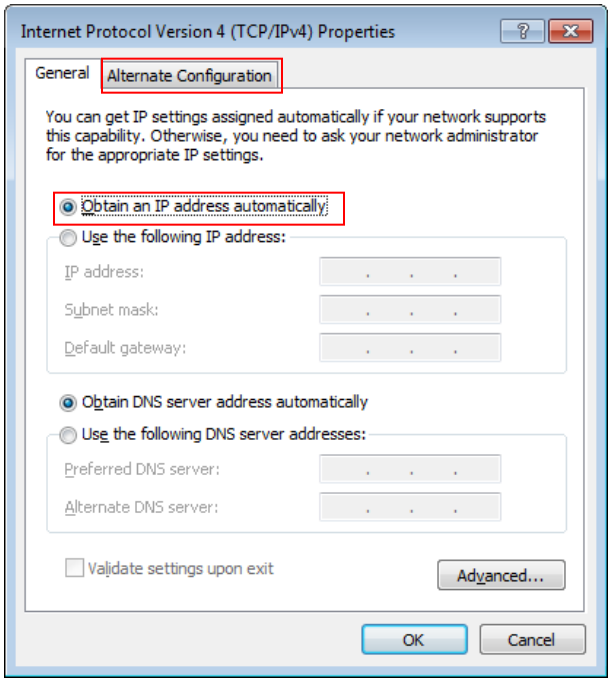
Note: Be sure to revert to previous settings when no longer servicing audio.

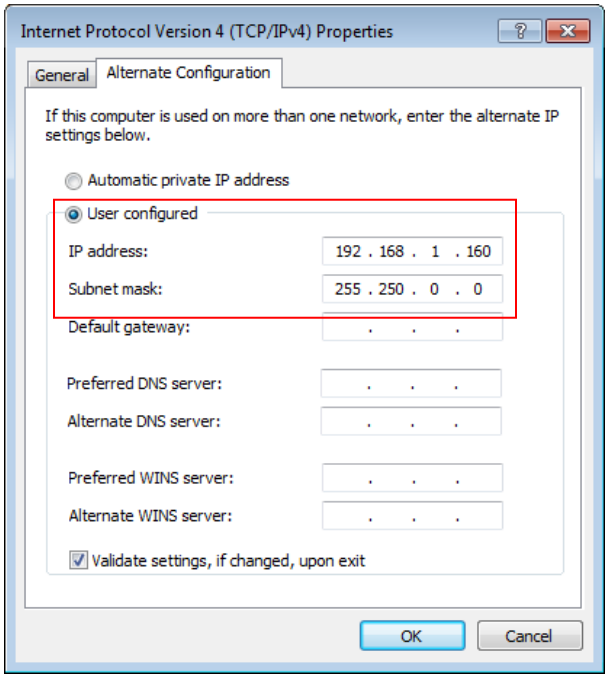


2.2 Option B

Click on **Obtain an IP address automatically** and then click on the **Alternate Configuration** tab. Click **User Configured**, and enter the *IP address* and *Subnet mask* as shown below. Click **OK** three times when finished to save the settings.

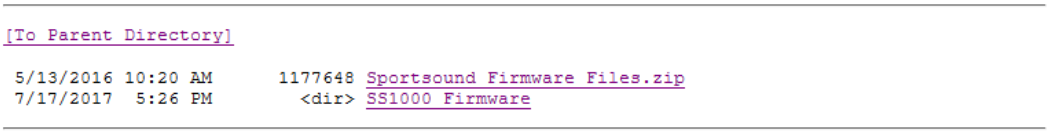
IP Address: 192.168. 1 .160
Subnet mask: 255.255.0.0





2.3 Update Firmware

1. If not already loaded on your computer, download the latest firmware files by going to http://dakfiles.daktronics.com and navigate to **Audio > Servicing Sportsound Systems > Updating Firmware**:



   Download the "Sportsound Firmware Files" zip file. Right-click on the file and select **Extract All**. Click **Extract** to create a folder in the location you saved the zip file.

2. Copy all firmware (.bin) files from the unzipped folder into "C:\Cirrus Logic\CobraNet Discovery\firmware".