



## NOTE 21

# COBRANET® FIRMWARE UPDATE FOR AUDIOSCIENCE COBRANET PRODUCTS

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## 1 COBRANET FIRMWARE UPDATE FOR AUDIOSCIENCE COBRANET PRODUCTS

### 1.1 What

This note gives instructions on how to update the CobraNet firmware on AudioScience (ASI) CobraNet products. This note assumes the ASI CobraNet products are installed and part of a CobraNet network.

### 1.2 Applies To

All ASI CobraNet products

### 1.3 Equipment Needed

- For ASI CobraNet soundcards:
  - The PC the ASI soundcard is installed in, or a PC/laptop connected to the same CobraNet network, or a PC/laptop connected to the CobraNet soundcard via a crossover cable
- For ASI2416s and ASI2202s:
  - A PC or laptop connected to the same CobraNet network, or connected to the ASI2416/ASI2202 via a crossover cable
- Cirrus Logic's CobraNet Discovery (CNDisco or Disco) program installed on the PC or laptop
  - Download from <http://www.cobranet.info/downloads/disco>
  - This note assumes Disco version 4.0.5

### 1.4 Steps

#### First, get theCobraNet firmware from ASI's website

- Go to <http://www.audioscience.com/internet/download/firmware/> and click on the latest firmware directory
- Select the firmware to download based on the ASI CobraNet product (for example, an ASI2202 would need firmware asi2202\_2\_11\_12.bin)
- Place the firmware in C:\Cirrus Logic\CobraNet Discovery\firmware

#### Disco must now be configured to show all firmware versions by setting the Advanced Feature key to 1:

- With Disco closed, go to C:\Cirrus Logic\CobraNet Discovery
- Find CNDisco.exe.Config and doubleclick on it to open it
  - If Windows can't find the program to open the file, select Notepad to open it
- In CNDisco's menu bar, click on Edit→Find, type  
<add key="Advanced Feature" value="0" />  
in the Find what text box and click Find Next (move the Find dialog box if it obscures the .Config file)
- In Notepad, change the value of the Advanced Feature to 1, then click on File→Save and close CNDisco.exe.Config

#### Next, run Disco and update the firmware:

- Doubleclick on Disco to run it
- Rightclick on the ASI CobraNet product and select Update Firmware...
  - If the Current Firmware Version says "Unknown," Check the "Show All Firmware Version" checkbox (a restart of Disco may be necessary)
- The Select Firmware Version dialog box should open with the Compatible Firmware Version showing the file that was placed in C:\Cirrus Logic\CobraNet Discovery\firmware; click the Update button
- Restart the ASI CobraNet product

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