GRAND HD CINEMA

USB to HDMI Converter

User's Manual

CE FC

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1. Package Contents

This package contains the following items：

HD Cimema   USB Cable   Driver CD

- Grand HD Cinema
- USB Cable
- Driver CD (Driver & User Manual)

2. Introduction

     Grand is pleased to introduce the world's first USB to HDMI converter. The Grand HD Cinema brings much convenience by allowing customers to play media files stored in PC on big screen by converting USB input into HDMI. Simply connect the USB interface of PC to the converter using the included USB cable, and connect the unit to your home theatre system with a HDMI cable, then you can enjoy the high quality pictures (resolution up to 720p) and sound on your big screen.

The Grand HD Cinema is an easy way to enjoy cinema-quality movies at your home.

3. System Requirements

- Operating System: Microsoft Windows XP/ Vista (32bit).
- Processor: Pentium 4 2.4GHz or above
- 512MB RAM or above
- Available USB 2.0 port
- 30Mb of available disk space

4. Product Features

- Plug & play. Installs in seconds.
- Easily connect HDMI display to one PC through USB 2.0.
- Supports both video and audio signals.
- Supports HDMI resolution up to 720p.
  Supports DVI resolution up to 1600x1200/ 1680x1050 (HDMI to DVI cable is required).
- Compatible with **Windows 2000, XP and Vista (32bit).**
- **Completely new architecture to support Vista Aero (32bit).**
- **Supports Intel Macs (iMAC, MacBook, MacBook Pro, MacBook Air, Mac Mini & Mac Pro)**
- No external power supply needed (power is supplied from the PC through USB connection).
- Dimensions: 100(L) x 55(W) x 33(H) mm.
- Bundled Software:
  - Supports Extended and Mirror Functions
  - Supports screen resolution and color quality adjustment in extended mode.
  - Allows you to rotate the screen on the add-on monitor by 90, 180 or 270 degrees
  - Supports online update automatically.
  - The software has been awarded Microsoft Windows Certification.

5. Hardware Overview

USB Input
(connect to USB port of your PC)

HDMI Output
(connect to the HDMI input of display device)
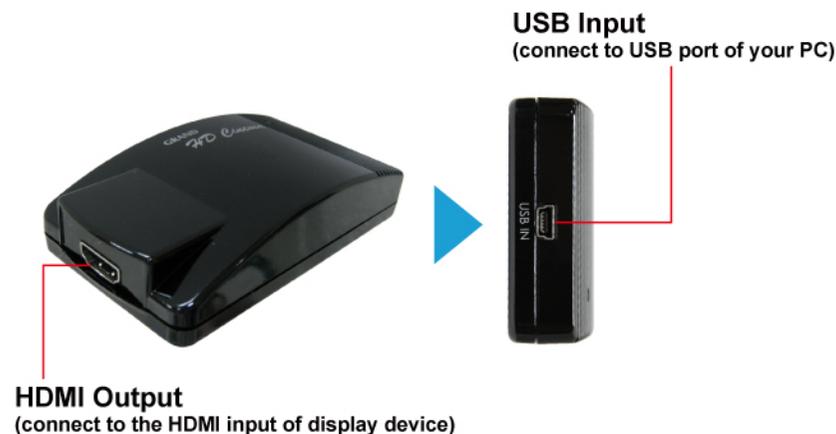
6. Installation
6.1 Install the HD Cinema Driver
Step 1: Insert the provided driver CD into your CD-ROM driver. Execute the **Setup.exe** file from the **HD Cinema Driver** folder.

Step 2: A dialog box should pop up to prompt you to choose desired installing language. After choosing your language, click on **I Accept** to start installation automatically.
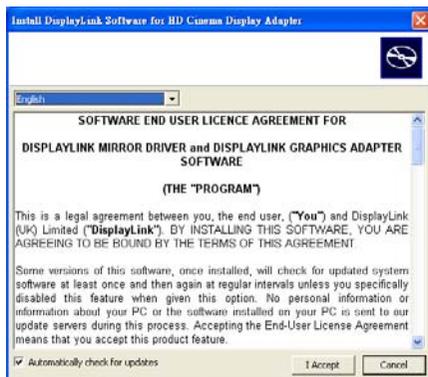
Step 3: After finishing the installation, a dialog box should pop up to inform you to restart your PC for the installation to completed and usable.

6.2 Install the USB Audio Driver
Step 1: Insert the provided driver CD into your CD-ROM driver. Execute the **Setup.exe** file from the **Audio Driver** folder.

Step 2: Follow the instructions of the wizard to complete the installation process.

Step 3: After finishing the installation, a dialog box should pop up to inform you to restart your PC for the installation to completed and usable.

6.3 Hardware Installation
After finishing the software installation, please follow the steps below to complete the hardware installation.

Step 1: Connect the HD Cinema to an USB 2.0 port of your computer by using the provided USB cable.

Step 2: Use the HDMI cable to connect your display device that supports HDMI input.

NOTE: You can also use a HDMI to DVI cable to connect between the HD Cinema and your display device (the display device must have a DVI input).

7. Using the HD Cinema
7.1 Using the HD Cinema DisplayLink Manager
After the driver is installed, a utility (HD Cinema DisplayLink Manager) will automatically appear in the system tray. The utility allows you to quickly change the settings and resolution for HD Cinema. Right-clicking the icon will bring out the context menu.
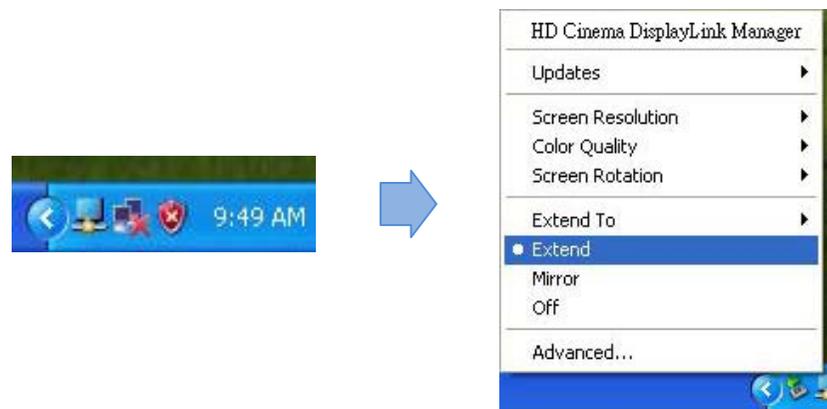
■ **Screen Resolution:** Select the screen resolution (available only in extended mode).
NOTE: If you use the HDMI cable to connect directly to display device, please select the resolution to 1280x720.
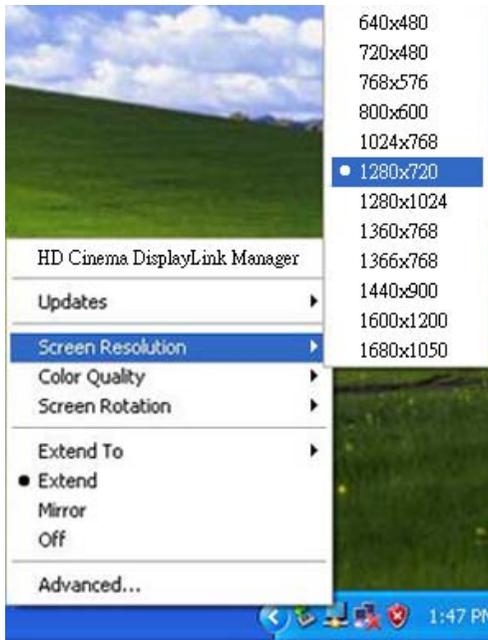
■ **Color Quality:** Select the screen color quality (available only in extended mode).

■ **Screen Rotation:** Rotate the screen on the additional monitor by 90, 180 or 270 degrees.

■ **Extend to:** Reposition the extended screen to the top, bottom, left or right of the primary display.
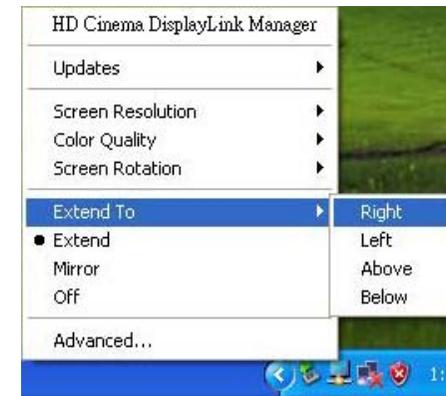
■ **Extend:** Set the HD Cinema to Extended mode. You can surf website on the VGA monitor and play videos on the HDMI display device.
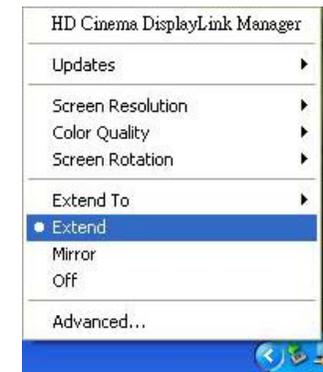
■ **Mirror:** Set the HD Cinema to Mirror mode. You can see the same desktop image on the additional monitor.
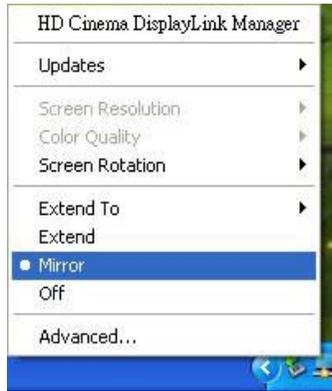
■ **Off:** Disable the HD Cinema on the system.
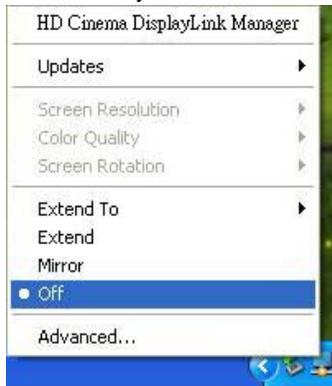
■ **Advanced:** Directly access the **Display Properties**. You can also adjust the resolution, color quality, position and refresh rate via the **Display Properties**.
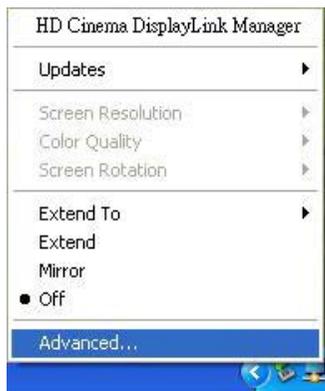
7.2 Firmware Update

■ **Manually Update**

Click the **Updates** → **Check Now…**, and it will check and download the latest firmware immediately..

NOTE: Confirm that your computer is already connected to the network.

■ **Automatic Update**

Click the **Updates** → **Configure…** , the **Updates Options** window will appear as shown below. You can set the update method and frequency in the windows.
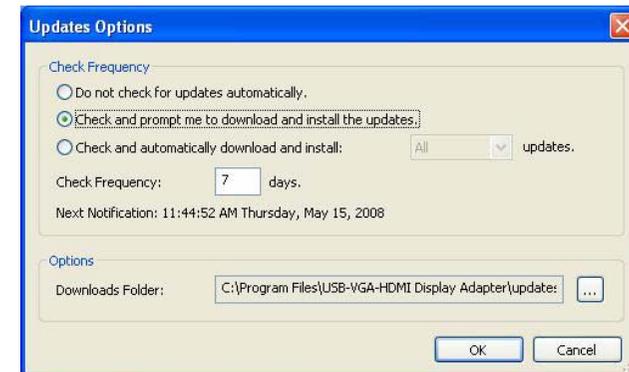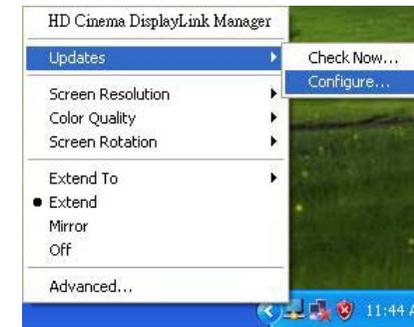
8. USB PnP Sound Program

The USB PnP sound program is C-Media's 3D audio control panel that you can control all audio configurations.

After finishing the installation of the Audio Driver and rebooting the system, you can open "**Control Panel**" to find "**USB PnP Sound Device**" and enable it. Or you can   the icon in the system tray in the right-bottom of your screen.
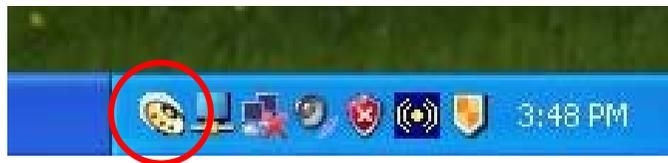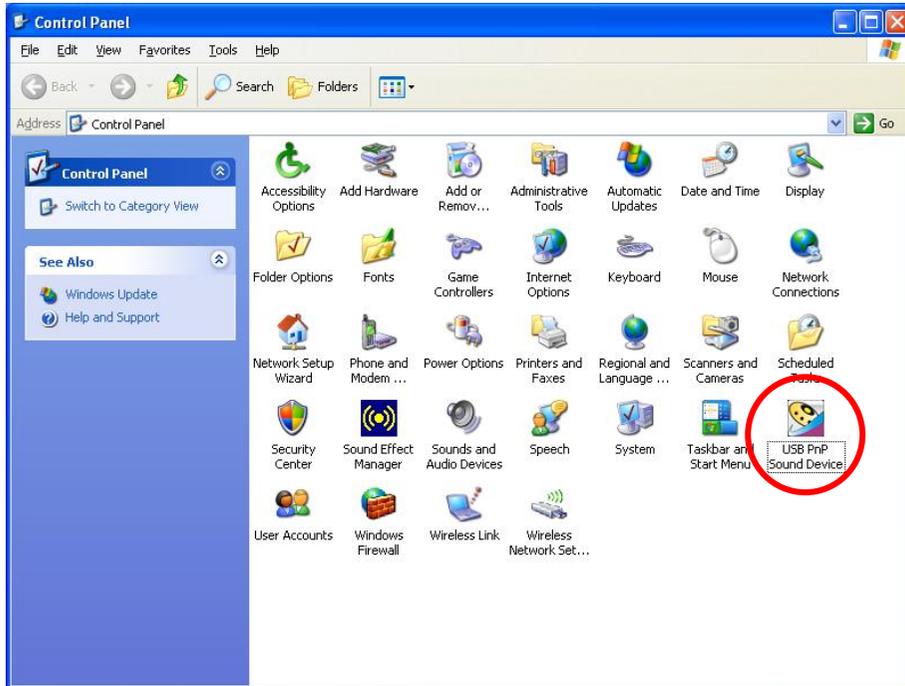
8.1 Main Setting

Adjusting output volume here.
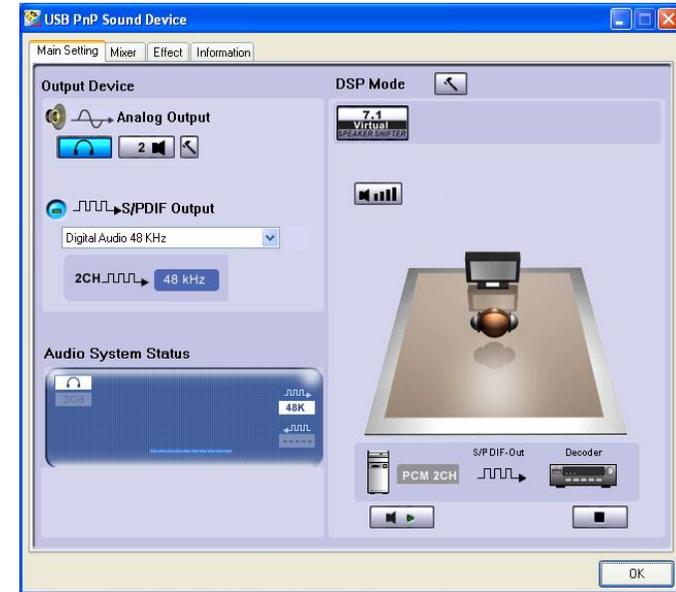
8.2 Mixer

Adjusting the volume of each source.
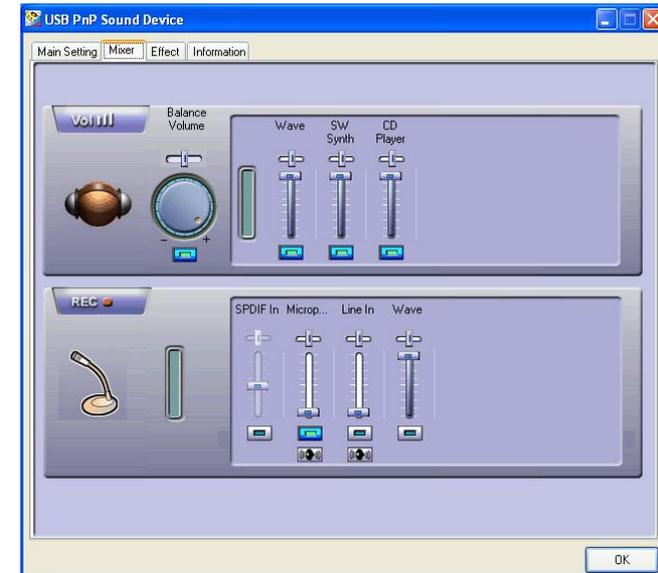
8.3 Effect

There are many environment effect presets and 10-band EQ for you to choose.
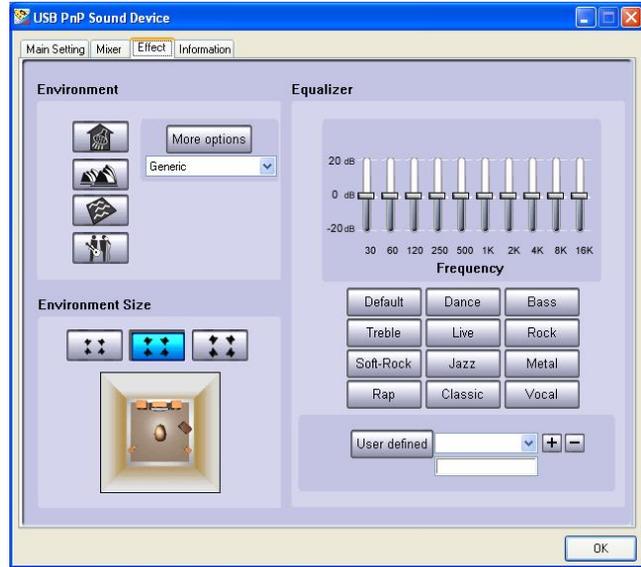
8.4 Information

This page will display information of audio driver and system.

9. Uninstall

9.1 Uninstall the HD Cinema Driver

Follow the steps below to uninstall the driver of the HD Cinema.

Step 1: Open the Control Panel: **Start** → **Control Panel** → **Add or Remove Programs.**

Step 2: Select the **HD Cinema Display Adapter** and click **Remove**, then follow the instructions of the uninstall wizard.
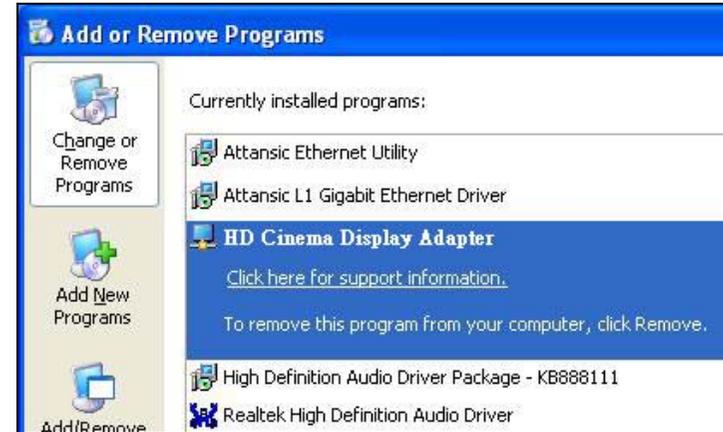
9.2 Uninstall the USB Audio Driver

Step 1: Open the Control Panel: **Start** → **Control Panel** → **Add or Remove Programs.**

Step 2: Select the **USB PnP Sound Device** and click **Change/Remove**, then follow the instructions of the uninstall wizard.

NOTE: Please restart your PC after uninstallation.

10. Troubleshooting

Situation	Check Point
The device driver has been installed, but the HD Cinema is not working	1. Make sure you restart your computer after the driver installation. 2. Check all the connectors are plugged in correctly. 3. Make sure the USB port that you are using is USB 2.0. 4. Check the additional monitor is connected correctly and the power is on. 5. Make sure the operating system, the HD Cinema is compatible with Windows 2000, XP and Vista (32bit). 6. Try a different USB 2.0 or computer.
DVD player not working when move it over to the extended display	1. Try to open the program in the additional display first before playing the DVD.
The mouse not move pass the right side of the screen as it should on extended desktop	1. Check the display settings and make sure that your display number 2 is on the right side of display number 1.
Wrong Color Display	1. Check all the connectors are plugged in correctly. 2. Try the steps below to resolve the issue: **Step 1:** Unplug all connections from the HD Cinema. **Step 2:** Use the HDMI cable to connect between the HDMI cinema and display device. **Step 3:** Connect the HD Cinema to an USB 2.0 port of your computer by using the provided USB cable.