GRAND HD CINEMA

USB to HDMI Converter

User's Manual

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1. Package Contents

This package contains the following items :





HD Cimema

USB Cable

Driver CD



- 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



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.







Display Device

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.



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Updates	,
Screen Resolution	,
Color Quality	•
Screen Rotation	•
Extend To	,
Extend	
Mirror	
Off	
Advanced	_
	R15

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).

Updates	•	
Screen Resolution	•	
Color Quality	•	Medium (16-bit)
Screen Rotation	•	 Highest (32-bit)
Extend To	,	
Extend		
Mirror		
Off		a Sala
Advanced		Summer Pales

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.

Lindates		
opuscos	•	
Screen Resolution		
Color Quality	•	
Screen Rotation	•	- 11
Extend To	١	Right
Extend		Left
Mirror		Above
Off		Below
Advanced		مقدنيا

Extend: Set the HD Cinema to Extended mode. You can surf website on the VGA monitor and play videos on the HDMI display device.

Updates	,
Screen Resolution	,
Color Quality	•
Screen Rotation	•
Extend To	•
Extend	
Mirror	
Off	
Advanced	

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.

2 ×

HD Cinema DisplayLink I	Manager	Display Properties	2
		Themes Decklop Screen Saver Appearance	* Settings
Updates	•	Drag the monitor icons to match the physical an	angement of your monitors.
Screen Resolution	b .		
Color Quality	6		3
Sween Babablan			_
Screen Rocadon	<u></u>		
Extend To	•	Display. 1. Plug and Play Monitor on WinFast P39400 0	GS TDH(NVIDIA)
Extend		Screen resolution Color o	juality
Mirror		Less More Highe	at (32 bit) 👱
		1024 by 768 pixels	
Off		↓ Use this device as the prevay iterator. ↓ Use this device as the prevay iterator. ↓ Use this device as the prevay iterator.	ine in the second s
Advanced		Identify Iroukle	shoot Advanced
	K 15	OK	Cancel Apply
		C	

7.2 Firmware Update

Manually Update

Click the Updates \rightarrow Check Now..., and it will check and download the latest firmware immediately ..

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

Updates	Check Nov
Screen Resolution	Configure.
Color Quality	
Screen Rotation	•
Extend To	•
Extend	and the local section of
Mirror	Statistics.
Off	1
Advanced	al constant in

Automatic Update

Click the Updates \rightarrow Configure..., the Updates Options window will appear as shown below. You can set the update method and frequency in the windows.

Updates	Þ	Check Now
Screen Resolution	,	Configure
Color Quality	•	1000
Screen Rotation	•	and the first
Extend To	•	
Extend		
Mirror		
Off		
Advanced		Availa

Jpdates Options				X
Check Frequency O Do not check for up Check and prompt m	dates automatically. Je to download and install the up	odates.)		
Check and automati Check Frequency: Next Notification: 11:44	cally download and install: 7 days. I:52 AM Thursday, May 15, 200	All 8	×	updates.
Options Downloads Folder:	C:\Program Files\USB-VGA-	HDMI Display	Adapter\	update:
·			ОК	Cancel

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.

Susse Sound Device				
Main Setting Mixer Effect Information				
Environment	Equalizer			
More options Genetic V Stime	20 dB 0 dB 1 1 1 -20 dB 30 60 120	250 500 1K Frequency	2K 4K 8K 16K	
Environment Size	Default	Dance	Bass	
	Treble	Live	Rock	
	Soft-Rock	Jazz	Metal	
TOPOT	Rap	Classic	Vocal	
0	User defined	1	• + -	
				ок

8.4 Information

This page will display information of audio driver and system.

diriociality innor	Enect		
Xear 3D			
	3D Audio Engine:	Xear3D CHL3D DS3D EAX2.0 A3D1.0	
	Audio CODEC :	USB PnP Sound Device	
	Audio Driver Version :	5.12.8.2012	
	Audio Controller :	Standard OpenHCD USB Host Controller	
	DirectX Version :	DirectX 9.0c	
	LISB Pri	2 Sound Device Ver 1 0 54 00	
	Copyrigh	it (C) 2003-2007 C-Media Inc.	
	UF	RL: www.cmedia.com.tw	

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 \rightarrow Control Panel \rightarrow Add or Remove Programs. Step 2: Select the HD Cinema Display Adapter and click Remove, then follow the instructions of the uninstall wizard.

🐻 Add or Re	move Programs
	Currently installed programs:
C <u>h</u> ange or Remove	🔁 Attansic Ethernet Utility
Programs	📳 Attansic L1 Gigabit Ethernet Driver
1	🚚 HD Cinema Display Adapter
Add New	<u>Click here for support information.</u>
Programs	To remove this program from your computer, click Remove.
F	闘 High Definition Audio Driver Package - KB888111
Add/Remove	🙀 Realtek High Definition Audio Driver

9.2 Uninstall the USB Audio Driver

Step 1: Open the Control Panel: Start \rightarrow Control Panel \rightarrow 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
	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
The device driver has been	2.0.
installed, but the HD Cinema	4. Check the additional monitor is connected
is not working	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	1. Try to open the program in the additional display
when move it over to the	first before playing the DVD.
extended display	
The mouse not move pass	1. Check the display settings and make sure that
the right side of the screen	your display number 2 is on the right side of
as it should on extended	display number 1.
desktop	
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.