

# User's Guide



# ESI - Copyright © 2006 - 2009

Revision 3, November 2009

www.esi-audio.com

# INDEX

1. Introduction	4
2. What's in the box	4
3. Key Features	4
4. System Requirements	5
5. Connectors	5
6. Hardware Installation	6
7. Software Installation	8
7.1 Windows 2000 and Windows XP	8
7.2 Windows Vista and Windows 7	10
8. Prodigy 7.1 HiFi Control Panel	. 12
9. DirectWIRE 3.0	. 17
10. Application Setup	20
11. General Information	20

## 1. Introduction

Thank you for choosing the ESI Prodigy 7.1 HiFi.

Prodigy 7.1 HiFi is an extremely powerful PCI multimedia digital audio interface ideal for Home Theater PCs, designed to satisfy both beginners and professionals looking for high quality digital audio solutions. Its unique design makes Prodigy 7.1 HiFi different from many other consumer sound cards, providing excellent audio quality, perfect for music and multimedia enthusiasts, game players and even for hobby musicians for home recording on a (semi-)professional level.

## 2. What's in the box

Your Prodigy 7.1 HiFi package contains the following:

- Prodigy 7.1 HiFi PCI card
- 15pin D-SUB breakout cable with 1/8" connectors
- this manual
- Windows driver software CD

## 3. Key Features

Prodigy 7.1 HiFi is based on the powerful VIA Envy24HT (ICE1724) audio controller and the Wolfson WM8776 / 8766 audio codecs, providing 2, 4, 6 (5.1) and 8 (7.1) channel support as well as optical digital I/O with 24bit/196kHz support.

To provide stable high level output signals, Prodigy 7.1 HiFi uses a fine selection of high quality capacitors from Sanyo (SP series) and from Nichicon (up to 2200uF RU series / Nichicon ES series) to optimize the power supply of the analog and digital components on the card and to optimize the audio output quality. The special design of Prodigy 7.1 HiFi with its 4 layer PCB cuts off electromagnetic waves from the internals of the PC – there won't be problems with an unstable power supply caused by the systems CPU or the HDD.

A separation between the analog and the digital part using an aluminium cover that shields the sound against electromagnetic waves is a major part of the Prodigy 7.1 HiFi design. Even better, the OpAmps on the card are installed on sockets, providing the possibility to change them to the users preference.

The Prodigy 7.1 HiFi driver software is based on the EWDM standard from pro audio manufacturer ESI providing perfect compatibility with Windows 2000 / XP / 2003 / Vista / 7, offering high performance and low latency operation with all important famous audio applications. The DirectWIRE 3.0 support in the driver allows you to virtually patch all your digital audio sources internally between various different software applications running at the same time and use effect plugins simultaneously. Audio streams can be transferred between different audio applications, which is especially great when using software effects, synthesizers or virtual instruments. Under Windows XP, the driver also includes support for the 3D technologies from QSound Labs in Canada: Q3D/QEM, QMSS, QRumble, QSizzle, QExpaner, QEQ and QNormalize.

# 4. System Requirements

Prodigy 7.1 HiFi is a high end multimedia digital audio interface with many different functions and not just a simple sound card. Even though Prodigy 7.1 HiFi does not depend very much on the available CPU in your system, it is important that the computer meets the minimum system requirements. A faster CPU, faster HDD and more memory is generally recommended.

#### **Minimum System Requirements**

- at least Intel Pentium III or equivalent AMD CPU
- motherboard with Intel or VIA chipset, or 100% compatible
- at least 256MB of RAM
- one available PCI slot
- Microsoft Windows 2000, Windows XP, Windows 2003, Windows Vista oder Windows 7
- Ultra DMA66/100 and 5400rpm hard disk drive
- active speakers or speakers with powered amplifier

## 5. Connectors



1) Stereo Line Output (left / right), provides the main output signal via RCA connectors

2) Microphone Input (mono 1/8", pink), for dynamic and electret microphones

3) Analog Output 7/8 (stereo 1/8", yellow), provides typically the Backgr. Surround signal

- 4) Analog Output 5/6 (stereo 1/8", black), provides typically the Center/Woofer signal
- 5) Analog Output 3/4 (stereo 1/8", orange), provides typically the Rear left/right signal
- 6) Analog Output 1/2 (stereo 1/8", green), provides the main Front left/right signal
- 7) Line In, analog input connector (stereo 1/8", blue), the main input
- 8) S/PDIF Digital In and Output, via Toslink connectors

## 6. Hardware Installation

Prodigy 7.1 HiFi and other components in the computer could easily be damaged by electrical shocks. You should use an anti-static device that can discharge the static electricity of your body to avoid potential static damage to the cards.

The Prodigy 7.1 HiFi card is shipped in an anti-static plastic pouch to protect it from static electricity - do not open the pouch before you install the card.

1. Turn off the computer power and remove the power cable from your computer power supply.



Figure 1. Disconnecting the Power Cord

2. Refer to your computer user's manual and remove the computer cover. Make sure that you have an available PCI slot on your motherboard to install the Prodigy 7.1 HiFi.



Figure 2. Removing the computer cover

To avoid possible static shock damage to the computer parts, discharge it by touching the computer case or something grounded. We recommend you use an anti-static device such as an anti-static wristband.

When holding the Prodigy 7.1 HiFi card, touch only the guide or the edge of card. Do not grab the card by the board or connector.

3. Find an empty PCI slot on the motherboard



Figure 3. Typical PC Motherboard Slot Configuration



Figure 4. Removing the PCI Slot faceplate

If the PCI slot is covered by a faceplate, you can remove it by removing the screw holding it in place or by prying it off with a screwdriver.

Insert the Prodigy 7.1 HiFi card into the PCI slot, firmly pushing the card into the slot until it is seated securely. Replace the screw, and tighten it.



Figure 5. Prodigy 7.1 HiFi installed in a PCI slot

4. Close the computer case.

5. Now it's time to connect the D-SUB breakout cable to the 15pin D-SUB connector. Make sure it is connected properly.

# 7. Software Installation

After completing the hardware installation, you need to install the Windows driver.

Note: Depending on your system, you may need the Windows installation CD.

**Note:** Please make sure that you have installed a recent version of the chipset drivers and patches provided by your mainboard manufacturer for your mainboard. It is important that this is done before you install the Prodigy 7.1 HiFi drivers. One way to check this is to see if there are any unknown devices listed in Device Manager *before* you install the Prodigy 7.1 HiFi hardware.

#### 7.1 Windows 2000 and Windows XP

This section describes the installation under Windows XP, the installation under Windows 2000 and Windows 2003 is very similar.

1. Turn on your computer. Windows will automatically detect a new device and prompt you with *Found New Hardware Wizard* screen. Choose *Cancel*. Prodigy 7.1 HiFi comes with an automated installation program that does not require the Hardware Wizard from Windows.



2. After that, open the Windows Explorer or go to *Start* > *Run* and *Browse* to find the driver's installer location. For example, it is under E:\Win2000XP, if E: is your CD-ROM drive. There you will find a program called *Setup\_Prodigy71HiFi\_vX\_XX\_XP2KME98.exe* (where X\_XX is the driver version number) that you need to launch. Follow the instructions on screen.

3. During installation in Windows 2000 and Windows XP, you will be prompted with a message warning once or several times that the driver software has not passed Windows Logo testing. Select *Continue Anyway* and proceed with the installation. The driver is completely tested and verified by ESI and safe to use.



4. After you complete the driver installation (by following all the instructions on screen), you should restart your computer.

5. After restarting Windows, you will see the Prodigy 7.1 HiFi control panel icon in your system tray (lower right corner of your desktop). Click on the icon to open the Prodigy 7.1 HiFi control panel.



6. Go to Device Manager, check the devices under 'Sound, video and game controllers'. You will see the *Prodigy 7.1 HiFi*, *Prodigy 7.1 HiFi Controller* and *QVE 96-24 (WDM)* devices if you have completed the installation process correctly. Your Prodigy 7.1 HiFi is ready to use.



7. Go to Control Panel  $\rightarrow$  Sounds and Audio Device Properties  $\rightarrow$  Audio.

/olume	Sounds	Audio	Voice	Hardware
Sound	playback			
O.	Default device	e		
9	ProDigy 7.1 H	liFi		~
	ProDigy 7.1 H	liFi		
MIDI m	usic playback -	Volume	Ad	lvanged
-	Default device	r.		
	Microsoft GS	Wavetable S	W Synth	Y
		Volume		About

You can choose each stereo device or multi channel device for your use as *Default device* on *Sound playback* or *Sound recording* which will be used as default in your audio applications.

#### 7.2 Windows Vista and Windows 7

Turn on your computer. Windows will automatically detect a new device installation and the *Found New Hardware* window will appear as seen on the following picture.

Win Mul	idows needs to install driver software for your itimedia Audio Controller
۲	Locate and install driver software (recommended) Windows will guide you through the process of installing driver software for your device.
*	Ask me again later Windows will ask again the next time you plug in your device or log on
¢	Don't show this message again for this device Your device will not function until you install driver software.

Select *Locate and install driver software (recommended)*. Insert the driver CD only if you are installing the original driver from the CD. If you are installing an updated driver from our website, proceed by clicking on *I don't have the disc. Show me other options*. on the following dialog.

9	Found New Hardware - Multimedia Audio Controller	
	Insert the disc that came with your Multimedia Audio Controller	
	If you have the disc that came with your device, insert it now. Windows will automatically search the disc for driver software.	
	✤ I don't have the disc. Show me other options.	
		20000

If the following window on the left will appears, click on *Browse my computer for driver software* (*advanced*) in order to show Windows where the driver files are located. The dialog on the right will appear.

S D Found New Hardware - Multimedia Audio Controller	C I Found New Hardware - Multimedia Audio Controller
Windows couldn't find driver software for your device	Browse for driver software on your computer
Check for a solution	Search for driver software in this location:
Windows will check to see if there are steps you can take to get your device working.	U:Windows Browse  Include subfolders
Browse my computer for driver software (advanced) Locate and install driver software manually.	
Cancel	Next Cancel

Via *Browse*, you can select the folder that contains the driver data. If you install from the original CD, select your CD-/DVD-drive and the WinVista7 folder. Otherwise select the folder that contains the unzipped driver data from our website. Once done, click *Next*.

	0	Found New Hardware - Prodigy 7.1 HIFI Controller	×
		The software for this device has been successfully installed	
		Windows has finished installing the driver software for this device:	
		Prodigy 7.1 HIFI Controller	
Windows Security       Would you like to install this device software?       Wow Publisher: Egosys Products Sound, video and game co       Publisher: EGOSYS, Inc.			
Always trust software from "EGOSYS, Inc.". Install Don't Install			
You should only install driver software from publishers you trust. How can I decide which device software is safe to install?		C	Close

Windows will now prompt you to confirm the installation in the *Windows Security* dialog with *Install* before the driver installation proceeds. After some time (on some systems it could really take a while), the installation of the *Prodigy 7.1 HiFi Controller* driver will be completed and you need to click *Close*.

To confirm the completion of the installation, please check if the ESI icon is displayed in the taskbar notification area as shown below.



If yes, the driver installation has been completed successfully.

# 8. Prodigy 7.1 HiFi Control Panel

The Prodigy 7.1 HiFi driver software provides a simple yet powerful interface with your computer. Under Windows XP, the Prodigy 7.1 HiFi driver provides two operation modes. The normal Prodigy 7.1 HiFi operation is used for digital recording and normal audio output. The other mode QVE96-24 (only available under Windows XP) is based on the 3D sound effect QSound Engine for multi surround sound or gaming. The control panel gives you control over both driver functions. The following table compares the two different operation modes:

	Prodigy 7.1 HiFi	QVE 96-24
Sompling Pote supports	16,22,24,32,44.1,48,	44 1 49 06
Sampling Rate supports	88,96,176,192	44.1,46,90
Software Driver		DirectSound, DirectSound 3D
3D Game Audio API	MIME, WDM, ASIO 2.0	EAX1.0, EAX2.0, I3D Level 2,
	GSIF, DirectSound	A3D 1.0
Virtual Multi channel	Clone 4Way	QMSS
	(6Ch -5.1LT)	(QSound Multi-Speaker System)

The Prodigy 7.1 HiFi control panel is installed in your system when you complete the driver installation. To open the panel, double click the red ESI icon in the system tray. While the Prodigy 7.1 HiFi control panel offers you complete control over various functions, you may find that the default settings work just fine for your needs. Just to be safe, though, we'll cover all the features of the panel in detail.

Prodigy 7.1 H	iFi v 1.01			
<u>F</u> ile				
MAIN QSound	OQRumble ONormalizer O3D effect O EQ Speakers QEM Equalizer L LINK R	DirectWIRE CONFIG	Q Proc	digy 7.1 HiFi by Audiotrak
		WAV - MAS	DIGITAL IN OUT LR LR OPT CON COX PRO M · CLOCK INT EXT INT 48000	5-R 192 176 96 88 48 44.1 32 24 22 16 AUTO

The Prodigy 7.1 HiFi control panel features a menu area for configuration:



#### 1. Main

You can control input and output on the MAIN panel. It is also the default screen you see when you first launch the panel. Basic functions of Prodigy 7.1 HiFi are controlled from this screen.



1) Input: You can change the input level on channels 1/2 by clicking and dragging the fader bar. The number on the bottom shows the relative amount in dB. Clicking this number enables you to mute the channel. And you can choose input level MIC or LINE.

2) Output: You can change the output level on all channels by clicking and dragging the fader bar. The number on the bottom shows the relative amount in dB. Clicking this number enables you to mute the channel. And you can choose output monitoring from speaker level to output 1/2.

3) WAV·MAS: You can adjust all input / output monitoring levels by clicking and dragging the fader in the master control panel. Again the number on the bottom shows you the relative monitoring level in %. Clicking this number enables you to mute all channels.

Note: MAS (Master) refers to the actual audio output level. WAV (Wave) refers to the actual playback of (digital PCM) audio data.

4) Digital: It shows digital output signal monitor.

5) M-Clock: Shows the Master Clock of the digital output signal frequency.

6) S.R: Shows the sampling rate. When you click "AUTO" then the setting changes to "LOCK" for fixed sample rate. The sample rates will be converted during playback when the "LOCK" setting is active. In QSound mode (QVE 96-24), there is only support for 44.1kHz, 48kHz and 96kHz

#### 2. QSound

Under Windows XP only, you can control QSound<sup>®</sup> Virtual Engine<sup>™</sup> QVE setting on "QSound" tab. QVE provides a full suite of spatial enhancements for stereo and surround input formats and output configurations. Applying expansion, virtualization, or surround synthesis as appropriate, QVE automatically produces the maximum spatial impact possible from every source/output combination. If you want to use QSound then you must change the audio driver mode to QVE 96-24.



a) QSound Multi Speaker System (QMSS<sup>™</sup>): It is for multi-channel synthesis from mono and stereo content\* - Outputs: 3, 4 and 5.1-channel speaker systems

QXpander<sup>™</sup>: It is for mono-to-3D and stereo-to-3D stereo sound stage synthesis and enhancement\* - Outputs: headphones or stereo speakers.

b) QSizzle<sup>TM</sup>, c) QRumble<sup>TM</sup>: It is for Dynamic spectral emphasis. Especially valuable for restoring compressed audio. (MP3, internet broadcast etc.) - Outputs: all configurations

d) QNormalize: It is for Automatic volume leveling - Outputs: all configurations

\* also effective for ambient and music tracks within video games

#### 3. Speakers



a) Input Gain fader: It is for controlling Input gain when you using 3D effect

b) Select Output Mode: You can select output mode which you want.

c) Test Speakers: You can test whole speakers for proper installation.

#### **4. QEM**

QSound Environmental Modeling (QEM<sup>TM</sup>) is an acoustic environment simulation under Windows XP. Outputs are headphones, 2 to 5.1-channel speaker systems.



a) QSound Environmental Modeling: You can select your acoustic environment simulation from the choices

b) Intensity: The intensity control for QEM<sup>TM</sup>

## 5. Equalizer

The QSound Equalizer.



a) EQ On: The On/Off switch for the EQ effect.

#### 6. QEM

QSound Environmental Modeling (QEM<sup>TM</sup>) on/off.

#### 7. QSizzle

QSizzle<sup>TM</sup> on/off.

#### 8. QRumble<sup>TM</sup>

QRumble<sup>™</sup> on/off.

#### 9. QNormalize

QNormalize on/off.

## 10. 3D effect

QMSS and QXpander, QRumble<sup>™</sup> on/off.

## 11. QRumble<sup>TM</sup>

QRumble<sup>™</sup> panel on/off.

## 12. DirectWIRE 3.0

Clicking this menu will open the DirectWIRE 3.0 screen. DirectWIRE 3.0 is a unique feature of the EWDM driver that transfers digital audio data internally within different applications. MME, Multi-MME, ASIO and GSIF indicate the different driver interfaces supported by Prodigy 7.1 HiFi. The numbers along the column designate the channel number of the inputs and outputs. Please refer to Section 9. DirectWIRE 3.0 in this manual for more detailed information.

## 13. QSound

If you want to enable the QSound mode, you must turn it on by clicking in the Q logo.

## 14. Config

1) **Mouse Wheel:** Configures the mouse wheel for volume change adjustment. Default value is  $\pm 1.5$ dB per step. You can configure the steps to your preference.

Configuration	Step 1	Step 2	Step 3	Step 4
Change/Step	±1.5dB	±3.0dB	±6.0dB	±12.0dB

2) **Latency:** Configures the latency setting for Prodigy 7.1 HiFi. Generally, for multi-track recording we recommend higher latency for stability. For software synthesizers and mastering software, we recommend lower latency. The optimal latency setting will depend on your application and your computer system.

3) **Digital Monitor:** Digital monitoring from Analog input signal. And you can send S/PDIF digital signal from analog input.

4) **Always On Top:** This enables the Prodigy 7.1 HiFi control panel to be always displayed on the top.

5) Factory Default: Allows you to revert back to the factory default setting for all configurations.

6) **MME Panel:** Shows the Windows MME sound control panel.

7) **Input Gain -3dB:** Lowers -3dB on input gain for reducing clipping noise on 3. Speaker tab when you use excessive effect on QSound.

8) Use only default device: You can control "Use only default device" on "Sound and Audio devices properties"

9) **Clone 4-way from out1,2:** This enables a function to copy the same signal from playback channels 1,2 to all output/playback channels.

## 15. File

You can save the panel settings or load them in this pull down menu.

# 9. DirectWIRE 3.0

## 1. What is DirectWIRE?

DirectWIRE is a 100% purely digital wire!

DirectWIRE is a driver technology, developed by from pro audio manufacturer ESI, which can be used for routing audio streams internally within applications using EWDM Audio/MIDI drivers, exclusively available for ESI and ESI.

With the DirectWIRE router, an application can record from other application's audio outputs without external wiring or any loss of data when they are running at the same time.

DirectWIRE also allows you to easily rip any audio stream in real time by transferring data thru DirectWIRE from MP3s, live On-line Broadcast and On-demand content, and more.

## 2. DirectWIRE Control Panel

Click on DirectWIRE on the Prodigy 7.1 HiFi control panel. The DirectWIRE panel window as shown below will appear.

A ProDigy 7.1			
<u>F</u> ile	$\sim$		
QEM O QSizzle O QRumble O Normalizer O3D effect O EQ MAIN QSound Speakers QEM Equalizer	DirectWIRE	NQ'	Prodigy 7.1 HiFi by AUDIOTRAK
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		DIGITAL DMA CD CUT L R L R 44100	S · R 192 176 96 88 48 444.1 32 24 22 16 AUTO

a) the **INPUT** column is a new feature of DirectWIRE 3.0. It's used to route signals from the card's hardware inputs. On Prodigy 7.1 HiFi, the inputs 1 to 8 are identical to the left and right channels of the analog input signal.

b) the **MME** column represents general application's I/O, for example from programs like WinAmp, WaveLab (non ASIO mode) or Audition.

c) the **WDM** column represents Multi-MME application's I/O, for example from programs like SONAR (WDM/KS mode), PowerDVD, WinDVD, etc.

d) the **ASIO** column represents ASIO application's I/O, for example from programs like Cubase, Logic, Reason, Nuendo, SONAR (in ASIO mode) or Samplitude.

e) the GSIF column represents GSIF applications like GigaStudio.

f) the numbers in the column on the left represent the number of each input or output port. You can patch the virtual cables from one point to another by draging your mouse.

#### **3. DirectWIRE Examples**

**Note:** Please set up DirectWIRE first before starting your audio applications.

1) recording of a stereo mix for internet broadcasting with WinAMP



If you set up DirectWIRE like shown, you can record a mix between a microphone signal and music (e.g. MP3) playback from WinAmp. If you want to record/broadcast only the MP3-Playback, disconnect the input lines.

2) internal recording: you can record all WDM playback signals from your PC

INPUT	MME WDM ASIO GSIF
WURING DIGITAL®	OUT IN OUT IN OUT IN OUT
1	• • • • • • • • • • • • • • • • • • •
2 ······O	
з — о	0 0 0 0 0 0 3
4 ·····O	0 0 0 0 0 0 4
5 ·····O	0 0 0 0 0 5
6 ·····O	<b>O O O O O O O O O O</b>
7 ·····O	• • • • • • • • • • • • • • • • • • •
8 ······O	

3) multi channel recording from DVD or DivX playback

INPUT	MME WDM ASIO (GSIF)
DIGITAL®	OUT IN OUT IN OUT IN OUT
1O	
2 ·····O	0 0 2 0 2
зо	0 0 0 0 0 0 3
4 <b>O</b>	0 0 0 0 0 0 0 0
5 ·····O	0 0 0 0 5
6 O	0 0 0 0 0 6
7 ·····O	• • • • • • • • • • • • • • • • • • •
8 ······O	
-	

## 4) recording from ASIO input

INPUT	MME WDM ASIO (GSIF)
DIGITAL®	OUT IN OUT IN OUT
1O	0 0 0 0 0 0 1
2o	0 0 2 0 2
3 ····· <b>o</b>	0 0 0 0 0 3
4 <b>O</b>	0 0 0 0 0 0 4
5 ·····O	<b>O O O O O O O O O O</b>
6 O	<b>O O O O O O O O O</b>
7 ·····O	• <b>O</b> • <b>O</b> • <b>O</b> • <b>O</b> • <b>O</b> • 7
8 ·····O	<b>0 0 0 0</b> 8

## 5) recording ASIO playback in a WDM application

INPUT	MME WDM ASIO (GSIF)
WIRING	TTO NI TUO NI TUO NI TUO
1 O	
2 0	
3 0	
5	
6 O	<b>0 0 0 0 0 0 0 0 0 0</b>
7 ·····O	<b>0 0 7 0 1 1 1 1 1 1 1 1 1 1</b>
8 ······ 0	

6) recording from GigaStudio (GSIF) to Cubase (ASIO)

1
1
-
2
3
4
5
~
0
7
8

# **10. Application Setup**

Prodigy 7.1 HiFi is a premium multimedia audio device for (semi-)professional audio. It is simple to configure Prodigy 7.1 HiFi for use in games, (semi-)professional audio applications and media applications (e.g. for DVD surround sound). However, every application has its own individual settings so it is important to check the individual software manual for the audio applications you are using.

#### Windows Multimedia Setup

To configure Prodigy 7.1 HiFi for all normal Windows multimedia applications go to *Control Panel*  $\rightarrow$  *Sounds and Audio Device Properties*  $\rightarrow$  *Audio* and select "Prodigy 7.1 HiFi" as the preferred playback device. As long as you are not changing any setting inside your audio applications, they will playback all audio signals via Prodigy 7.1 HiFi now. Most applications have individual setup options as well however.

#### 5.1 and 7.1 Surround Sound for DVD Player Applications

To configure Prodigy 7.1 HiFi for 5.1 or 7.1 channel surround sound DVD player applications, go to *Control Panel*  $\rightarrow$  *Sounds and Audio Device Properties*  $\rightarrow$  *Audio* and select "Prodigy 7.1 HiFi" as the preferred playback device.

**Note:** You must check double check that the DMA modus is enabled on your DVD-ROM drive in order to have audio playback without clicks and crackles when playing DVD or CD content.

Set speaker configurations in your software DVD player to "6 Speaker", "5.1 speakers" or "8 Speaker" or "7.1 speakers", depending on the software you are using. The following table shows a typical 5.1 speaker setup:

PRODIGY 7.1	1	2	3	4	5	6
Speaker	Front	Front Bight	Center	Woofer	Surround	Surround Bight
	Len	Right			Len	Right

Please note that this order may be different depending on the Windows version you are using and depending on the DVD playback software that is used.

Please also keep in mind that many DVD titles only have content for 6 audio channels (5.1) rather than 8 (7.1) – because of that, it might be better or required to setup your playback software for 6 speakers only.

# **11. General Information**

#### Trademarks

ESI, Prodigy and Prodigy 7.1 HiFi are trademarks of EGOSYS, Inc. and ESI Audiotechnik GmbH. Windows is a trademark of Microsoft Corporation. Other product and brand names are trademarks or registered trademarks of their respective companies.

#### The FCC and CE Regulation Warning

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions : (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Caution : Any changes or modifications in construction of this device with are not expressly approved by the party responsible for compliance, could void the user's authority to operate equipment.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense. If necessary, consult an experienced radio/television technician for additional suggestions.

#### Correspondence

For technical support inquiries, contact your nearest dealer, local distributor or ESI support online at <u>www.esi-audio.com</u>.

#### Disclaimer

All features and specifications subject to change without notice.

Parts of this manual are continually being updated. Please check our web site <u>www.esi-audio.com</u> occasionally for the most recent update information.