



7.1 Channel PCI Sound Card

User Manual

Model: UGT-S100

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Features

- Full-duplex playback and recording
- Full-duplex 8CH DAC/2CH ADC
- Support 48/44.1 KHz sampling rate for both playback and recording
- Supports the latest Dolby® Digital EX and DTS ES 6.1/7.1 CH DVD soundtrack playback
- DirectSound™ 3 HW acceleration
- PCI Rev. 2.2 compliant with bus mastering modes
- ACPI compliant power down management
- Support Windows® 2000/ XP/2003/Vista/7 (32/64 bit)

System Requirements

- Pentium-class computer with one available PCI slot
- Windows® 2000/XP/2003/Vista/7 (32/64 bit)
- DirectX 8.1 above is required

Package Contents

- Vantec 7.1 Channel PCI Sound Card x 1

- Installation Guide x 1
 - Driver CD x 1
- * User's Manual Is on Driver CD

Note: Contents may vary depending on the market/country.

Hardware & Software Installation

It is recommended that you remove any previously installed sound card and drivers prior to installing this 7.1 Channel PCI Sound Card to avoid any conflicts. If previously installed drivers are not removed, this 7.1 Channel PCI Sound Card perhaps not function properly. (**Note:** If your computer has on-board sound you will need to disable it on the motherboard. For more information please see your computer's documentation or contact your computer's manufacturer.)

Driver Installation

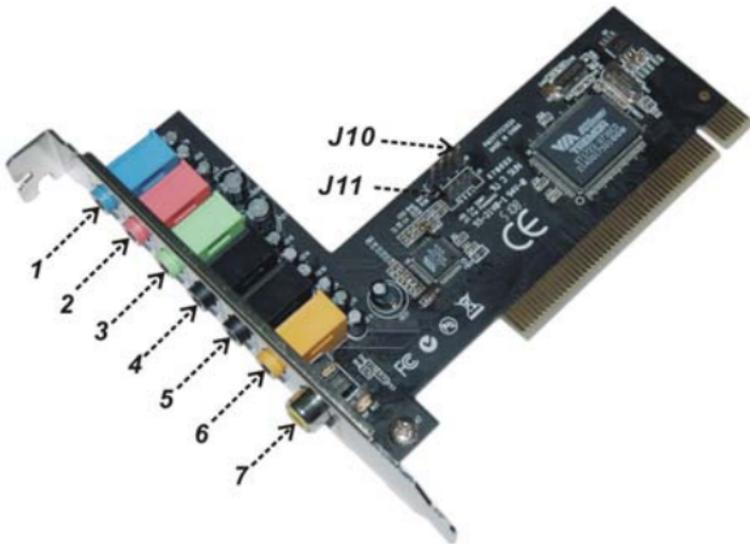
For Windows® 2000/XP/2003/Vista/7 (32/64 bit)

1. Locate an available PCI slot on your computer, and insert this 7.1 Channel PCI Sound Card into the slot. Fasten the card to the case using a screw.
2. Start your PC, place the Driver CD into the CD-ROM drive.

Click the **Start** button on the taskbar and click **Run**. Type “**D:**
\UGT-S100\2000_XP_2003_Vista_7\Setup.exe”. (Assuming
you have placed the CD in CD-ROM drive labeled as D).

3. Follow any on-screen instructions to complete the software installation.
4. Restart your system.
5. Once you have rebooted the computer, this 7.1 Channel PCI Sound card is ready to be used.

Physical Connections



The rear panel of this 7.1 Channel PCI Sound Card has the following jacks:

1. **Line In:** Connect to tape/CD/DVD player, or other audio sources for output mixing and/or recording
2. **MIC In:** Connect to microphone
3. **Line Out:** Connect to headphone or amplifying speakers. In 4-channel, 6-channel, and 8-channel configurations, the function of this port becomes Front Speaker Out
4. **Rear Speaker:** Connect to Rear speakers while in 8 channel

mode (via external amplifier)

5. **Surround Speaker:** Connect to Surround speakers while in 4/6/8 channel modes (via external amplifier)
6. **Center/Bass Speaker:** Connect to Center/Bass speakers while in 6/8 channel modes (via external amplifier)
7. **S/PDIF Out:** The Digital Output jack is a S/PDIF Coaxial output, you can use an RCA cable to connect this to a digital recorder, mixer or surround receiver. A 75 Ohm digital coaxial cable is required for this type of connection

Please refer to the audio configuration table below for the function of the audio ports in 2, 4, 6, 8-channel configuration.

Port	2-channel	4-channel (*)	6-channel	8-channel
1	Line In	Line In	Line In	Line In
2	Mic In	Mic In	Mic In	Mic In
3	Line Out	Front Speaker	Front Speaker	Front Speaker
4	-		-	Rear Speaker
5	-	Surround Speaker	Surround Speaker	Surround Speaker
6	-	-	Center/Bass Speaker	Center/Bass Speaker
7	S/PDIF Out	S/PDIF Out	S/PDIF Out	S/PDIF Out

(*) 4-Channel mode is not available on Vista/7 (32/64 bit)

In addition to the rear panel jacks, this 7.1 Channel PCI Sound Card also has the following internal connection:

	The Function
J10	Analog CD/IN Port(Signals: L-G-G-R)
J11	Analog CD/IN Port(Signals: G-R-G-L)

Warranty

The **Vantec 7.1 Channel PCI Sound Card** comes with a 1 year limited warranty(90 day parts). If your unit becomes defective within that time frame, please go to www.vantecusa.com for information on how to receive warranty exchange or repair. Cosmetic defects and missing parts are not covered under this warranty. Please check the contents of the unit to make sure you received all parts. Also, check for any cosmetic flaws. If any parts are missing or if there are cosmetic defects, please contact the retailer from which you purchased the unit immediately and ask for a replacement.

Vantec Thermal Technologies

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