USB SoundWave 7.1 Digital Quick Installation Guide

Introduction

The *USB SoundWave 7.1 Digital* is a portable sound card that brings a home theater atmosphere to notebook or desktop computers.

Features and Benefits

- External volume and microphone controls with mute buttons
- 2 microphone inputs (mono/stereo) and 1 stereo headphone output
- Supports recording through S/PDIF-In/Mic/Line-In
- S/PDIF Out - provides digital surround sound output
- Provides 2.1/5.1/7.1 connection for surround sound speakers

System Requirements

- PC computer with an available USB 2.0 port
- Windows® 8 (32-/64-bit) / 7 (32-/64-bit) / Vista (32-/64-bit) / XP (32-/64-bit) / Server 2003 & 2008 (32-/64-bit) / Server 2008 R2

Package Contents

- *USB SoundWave 7.1 Digital*
- USB cable
- Software CD & quick installation guide

Layout

Microphone Mute LED
Volume Down
Volume Mute
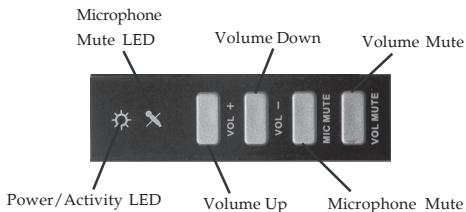Power/Activity LED
Volume Up
Microphone Mute

Figure 1: Top view

- **Volume Mute**: Press this button to mute/un-mute audio outputs. Does not support **S/PDIF Out**

- **Microphone Mute**: Press this button to mute/un-mute microphone recording. Does not mute microphone playback feature

- **Volume (+, -)**: Increases or decreases audio output volume. Does not support **S/PDIF Out**

- **Microphone Mute LED**: When the microphone is muted, the LED will turn on

- **Power/Activity LED**: The LED will be on when the *USB SoundWave 7.1 Digital* is powered up. The LED will blink when activity is detected
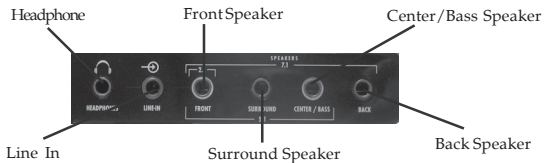
Figure 2: Front connector

- **Headphone**: Connect to your headphones
- **Line In**: Connect to MP3 player/CD/DVD Player, or other audio sources for playback*, mixing and/or recording. **Playback through **S/PDIF Out** not supported*
- **Front Speaker**: Connect to front speakers (via external amplifier)
- **Surround Speaker**: Connect to surround speakers while in 4/6/8 channel modes (via external amplifier)
- **Center/Bass Speaker**: Connect to center/bass speakers while in 6/8 channel modes (via external amplifier)
- **Back Speaker**: Connect to back speakers while in 8 channel mode (via external amplifier)

Figure 3: Rear connector

- **S/PDIF IN**: Connect to digital output of external audio device via an Optical S/PDIF cable (cable not included)

- **S/PDIF OUT**: Connect to digital input of external audio device via an Optical S/PDIF cable (cable not included). Does not support **Line In** playback

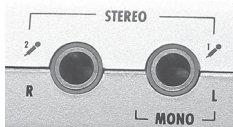- **USB Connector**: Plugs into the system's USB port

Figure 4: Side connector

- **MIC (L) IN**: Connects to either mono microphone or left channel of a stereo microphone

- **MIC (R) IN**: Connects to the right channel of a stereo microphone

Software Installation

Windows 8, 7, Vista, XP, Server 2003 and 2008 R2 will automatically install it's built-in driver for the *USB SoundWave 7.1 Digital* when connected. To get the full features from the *USB SoundWave 7.1 Digital*, install the driver from the included software CD using the directions below. *Important: Plug in the USB SoundWave 7.1 Digital and allow the Windows driver to load before inserting the software CD*.

Windows 8 (32-/64-bit)

1. Plug the *USB SoundWave 7.1 Digital* into an available USB port.
2. Insert the software CD.
3. Click **Windows key** and **R**, type **D:\WIN 8\setup.exe**, click **OK**. (Change **D:** to match your CD/DVD-ROM drive letter)
4. Follow the on-screen instructions to complete the installation.

Windows 7 (32-/64-bit) / Server 2008 R2

1. Plug the *USB SoundWave 7.1 Digital* into an available USB port.
2. Insert the software CD. Close the CD autoplay box if prompted.
3. Click **Start**, in the **Search programs and files** box, type **D:\setup.exe**, then press **Enter**. (Change **D:** to match your CD/DVD-ROM drive letter)
4. Follow the on-screen instructions to complete the installation.

Windows Vista (32-/64-bit)

1. Plug the *USB SoundWave 7.1 Digital* into an available USB port.
2. Insert the software CD. Close the CD sutoplay box if prompted.

3. Click **Start**, in the **Start Search** box, type **D:\setup.exe**, then press **Enter**. (Change **D:** to match your CD/DVD-ROM drive letter)
4. Follow the on-screen instructions to complete the installation.

Windows XP (32-/64-bit) / Server 2003 (32-/64-bit)

1. Plug the *USB SoundWave 7.1 Digital* into an available USB port.
2. Insert the software CD.
3. Click **Start**, then **Run**. Type **D:\setup.exe**, then click **OK**. (Change **D:** to match your CD/DVD-ROM drive letter)
4. Follow the on-screen instructions to complete the installation.

Windows Server 2008 (32-/64-bit)

1. Plug the *USB SoundWave 7.1 Digital* into an available USB port.
2. Insert the software CD. Close the CD autoplay box if prompted.
3. Click **Start**, in **Start Search**, type **D:\setup.exe**, then press **Enter**. (Change **D:** to match your CD/DVD-ROM drive letter)
4. Follow the on-screen instructions to complete the installation.

To Verify Windows Installation

1.   Check Device Manager to verify installation.
       For Windows 8 / 7 / XP / Server 2003 & 2008 R2:
       Right click **Computer** or **My Computer**, click
       Manage, click **Device Manager**.
       For Windows Vista: Right click **Computer,** click
       Manage, click **Continue**, click **Device Manager**.
       For Windows Server 2008: Right click **Computer,**
       click **Manage**, double click **Diagnostics**, click **Device
       Manager**.

2.   Double click **Sound, video and game controllers**.
       With USB Multi-Channel Audio Device driver: **USB
       Multi-Channel Audio Device** will be displayed.
       With Windows built-in driver: **USB Audio Device**
       will be displayed.

USB Multi-Channel Audio Device Software Utility

The **USB Multi-Channel Audio Device** quick start icon,
located in the taskbar by the clock, starts automatically
when Windows boots. Simply click on the quick start icon
to open it.

> **Note**: For Server 2008 and 2008 R2, the speaker
> might be disabled after driver installation. To
> enable the speaker, right click the speaker icon in
> the task bar, click **Sound**, click **Yes** then click **OK**.

Enable/Disable Optical S/PDIF Output

The Optical S/PDIF Out is enabled by default.

1.   Click on the **USB Multi-Channel Audio Device** quick start icon.

2.   From the **Main Settings** tab, click on the radial button next to **S/PDIF Output**.

> **Note**: S/PDIF Out supports only 2-channel stereo audio output.

Speaker Configuration

Make sure to log in as Administrator or an account with administrator privileges.

Windows 8 / 7 / Server 2008 R2

1.   In the taskbar by the system clock, click **Show Hidden icons**, then click the **USB Multi-Channel Audio Device** icon.

2.   Select **Main Settings** tab. Under **Analog Output**, select your speaker type from the drop down box.

3.   Click **OK** to save your changes.

Windows Vista / XP / Server 2003 & 2008

Make sure to log in as Administrator or an account with administrator privileges.

1.   Click the **USB Multi-Channel Audio Device** icon located in the taskbar by the system clock.

2.   Select **Main Settings** tab. Under **Analog Output**, select your speaker type from the drop down box.

3.   Click **OK** to save your changes.

Playback & Recording Configuration

Make sure to log in as Administrator or an account with administrator privileges.

Windows 8 / 7 / Server 2008 R2

1.   In the taskbar by the system clock, click **Show Hidden icons**, then click the **USB Multi-Channel Audio Device** icon.

2.   Select **Mixer** tab. You can now adjust playback and recording features.

3.   Click **OK** to save your changes.

Windows Vista / XP / Server 2003 & 2008

1.   Click the **USB Multi-Channel Audio Device** icon located in the taskbar by the system clock.

2.   Select **Mixer** tab. You can now adjust playback and recording features.

3.   Click **OK** to save your changes.

Uninstalling the USB SoundWave 7.1 Digital Software

Windows 8 / 7 / Server 2008 R2

1. Click **Start**, **Control Panel, Programs**.
2. Click **Programs and Features**.
3. Select **USB Multi-Channel Audio Device**, then click **Uninstall/Change**.
4. Follow the on-screen instructions to complete.

Windows Vista / Server 2008

1. Click **Start**, **Control Panel**.
2. Click **Classic View**, double click **Programs and Features**.
3. Select **USB Multi-Channel Audio Device**, then click **Uninstall/Change**.
   Windows Vista: click **Continue.**
   Windows Server 2008: continue to step #4
4. Select **Yes, I want to restart my computer now** and click **Finish**.

Windows XP / Server 2003

1. Click **Start**, click **Control Panel,** double click **Add/ Remove Programs**.
2. Select **USB Multi-Channel Audio Device**, then click either **Change/Remove** or **Add/Remove**.
3. Follow the on-screen instructions to complete.

Technical Support and Warranty

QUESTIONS? SIIG's **Online Support** has answers! Simply visit our web site at *www.siig.com* and click **Support**. Our online support database is updated daily with new drivers and solutions. Answers to your questions could be just a few clicks away. You can also submit questions online and a technical support analyst will promptly respond.

SIIG offers a 5-year manufacturer warranty with this product. This warranty covers the original purchaser and guarantees the product to be free of any defects in materials or workmanship for five (5) years from the date of purchase of the product.

SIIG will, at our discretion, repair or replace (with an identical product or product having similar features and functionality) the product if defective in materials or workmanship. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Please see our web site for more warranty details.

If you encounter any problems with this product, please follow the procedures below.

A) If it is within the store's return policy period, please return the product to the store where you purchased from.

B) If your purchase has passed the store's return policy period, please follow the steps below to have the product repaired or replaced.

> **Step 1:** Submit your RMA request.
>
> Go to **www.siig.com**, click **Support**, then **REQUEST A PRODUCT REPLACEMENT** to submit a request to <u>SIIG RMA</u> or fax a request to 510-657-5962. Your RMA request will be processed, if the product is determined to be defective, an RMA number will be issued.
>
> **Step 2:** After obtaining an RMA number, ship the product.
>
> * Properly pack the product for shipping. All accessories that came with the original package must be included.
> * Clearly write your RMA number on the top of the returned package. SIIG will refuse to accept any shipping package, and will not be responsible for a product returned without an RMA number posted on the outside of the shipping carton.
> * You are responsible for the cost of shipping to SIIG. Ship the product to the following address:
>
>   **SIIG, Inc.**
>   **6078 Stewart Avenue**
>   **Fremont, CA 94538-3152, USA**
>   **RMA #:** _____
> * SIIG will ship the repaired or replaced product via Ground in the U.S. and International Economy outside of the U.S. at no cost to the customer.

About SIIG, Inc.

Founded in 1985, SIIG, Inc. is a leading manufacturer of IT connectivity solutions (including Serial ATA and Ultra ATA Controllers, FireWire, USB, and legacy I/O adapters) that bridge the connection between Desktop/Notebook systems and external peripherals. SIIG continues to grow by adding A/V and Digital Signage connectivity solutions to our extensive portfolio. SIIG products offer comprehensive user manuals, many user-friendly features, and are backed by an extensive manufacturer warranty. High quality control standards are evident by the overall ease of installation and compatibility of our products, as well as one of the lowest defective return rates in the industry. SIIG products can be found in computer retail stores, mail order catalogs, through major distributors, system integrators, and VARs in the Americas and the UK, and through e-commerce sites.