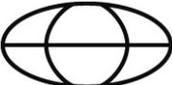


AUREON 7.1 USB

Manual
Windows Vista, Windows 7



TERRATEC 

CE Declaration

We:

TERRATEC Electronic GmbH, Herrenpfad 38, D-41334 Nettetal, Germany

hereby declare that the product:

Aureon 7.1 USB

to which this declaration refers are in compliance with the following standards or standardizing documents:

1. EN55022: 2006
2. EN55024: 1998 + A1: 2001+ A2: 2003

The following are the stipulated operating and environmental conditions for said compliance:

residential, business and commercial environments and small-company environments.

This declaration is based on:

Test report(s) of the EMC testing laboratory

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1. Introduction

1.1 Package Content

Start by making sure that nothing is missing.

The scope of delivery includes at least the following:

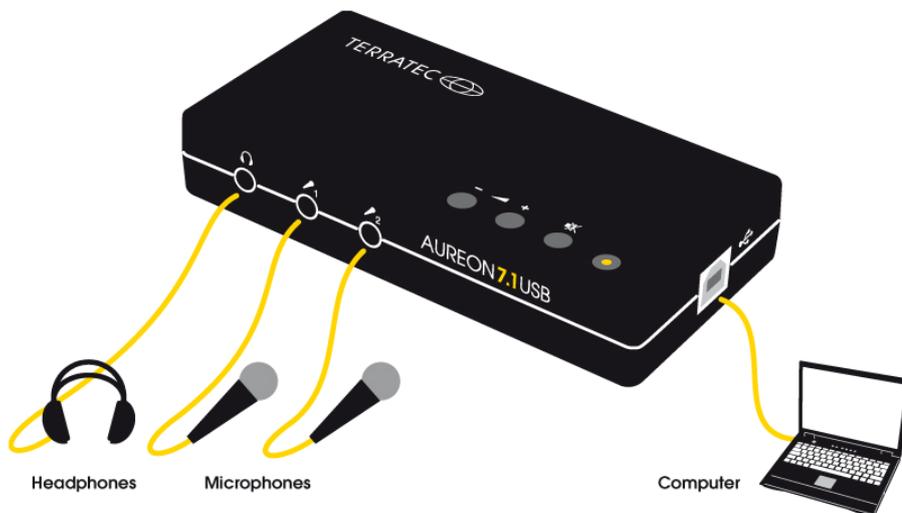
- 1 USB sound card TERRATEC SoundSystem Aureon 7.1 USB
- 1 USB cable (1.8m)
- 1 optical cable (1.8m)
- 1 Software CD
- 1 Quickstartguide
- 1 Customer service card

1.2 Layout of the Aureon 5.1 USB MK II

Front View



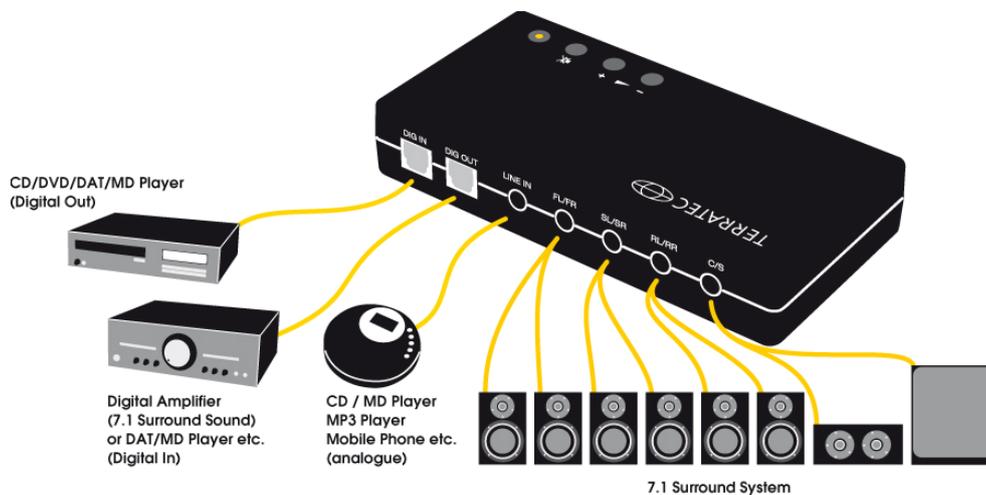
- 1 – Analog Headphone stereo line output (3.5mm jack plug)
- 2 – Analog Microphone input (3.5mm jack plug)
- 3 – Analog Microphone input (3.5mm jack plug)
- 4 – USB port
- 5 – Volume up
- 6 – Volume down
- 7 – Mute



Rear View



- 8 – Digital S/PDIF input (Toslink)
- 9 – Digital S/PDIF output (Toslink)
- 10 – Analog stereo line input (3.5mm jack plug)
- 11 – Analog stereo line output “Front” (3.5mm jack plug)
- 12 – Analog stereo line output “Surround” (3.5mm jack plug)
- 13 – Analog stereo line output “Rear” (3.5mm jack plug)
- 14 – Analog stereo line output “Center/Sub” (3.5mm jack plug)



2. Installation

2.1 Connecting the Aureon 7.1 USB to the computer

To connect the Aureon 7.1 USB to your computer, you need a free USB Type A port.

It makes no difference whether the port is a USB 1.1 or USB 2.0 port; the device functions equally well when attached to either.

The Aureon 7.1 USB is hot-pluggable, which means that you can connect or disconnect the unit at any time while the computer is running.

2.2 Drivers?

When connected to your system for the first time, the Aureon 7.1 USB installs a driver that is integrated into Windows; this process is completely automatic.

Insert the Aureon 7.1 USB software CD and install the Control Panel using the Autorun feature. Double-click AUTORUN.EXE in the root folder of the Aureon 7.1 USB CD and select first the "Software Installation" menu item and then "Aureon 7.1 USB".

Please follow the install instructions.

3. Control Panel

3.1 Main Setting

System Input

This defines the number of channels that go directly to the sound card. For best sound experience choose the speaker-configuration of your audio-playback (for a mp3 file, choose for example "2CH", a DVD with multichannel "6CH" or "8CH"). Click the question mark to get more information.

DSP Mode

To access the DSP mode, you have to activate the two switches labelled. With this mode you can adjust the sound depending on the circumstances. You can also switch virtual boxes, without having the actual speaker to adjust physically.

Output Mode

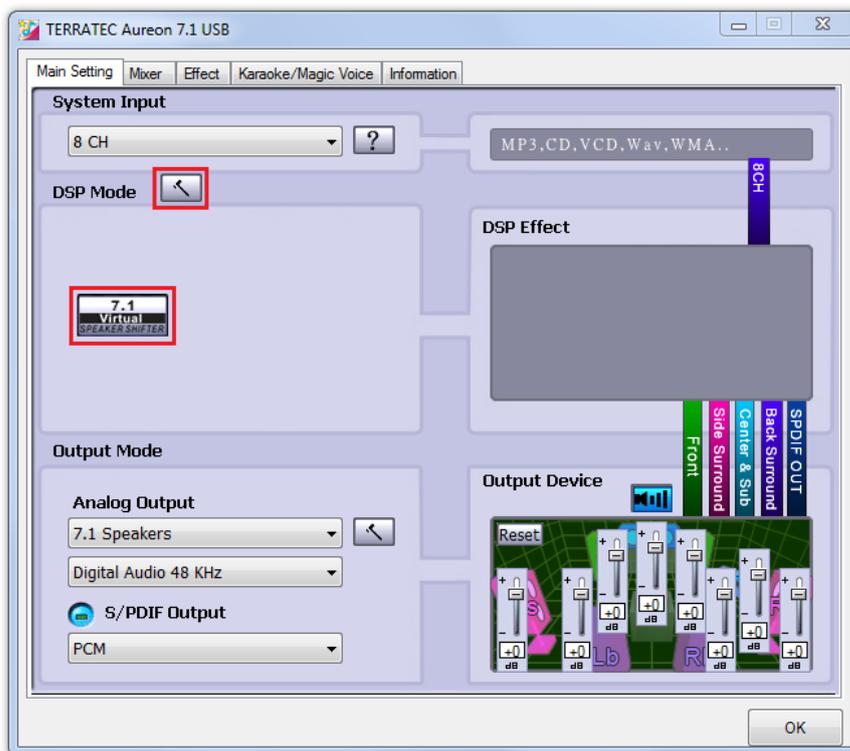
Set the speaker configuration you want to use here. Whenever you make a change, the 3D model of the speakers changes accordingly. This setting defines the number of analogue out-puts.

You can activate every single speaker separately here to test them for correct wiring and function. If you click on a speaker to activate it, you will hear static from that speaker.

One part of the display (+/- 20 dB) is a readout of the volume dials which are next to each speaker.

You can raise or lower the volume of each separate speaker by clicking the corresponding volume dial and moving the mouse forwards or back. This allows you to match the surround sound perfectly to your room and speaker system.

Clicking the "Reset" button resets all values to the pre-defined.



3.2 Mixer

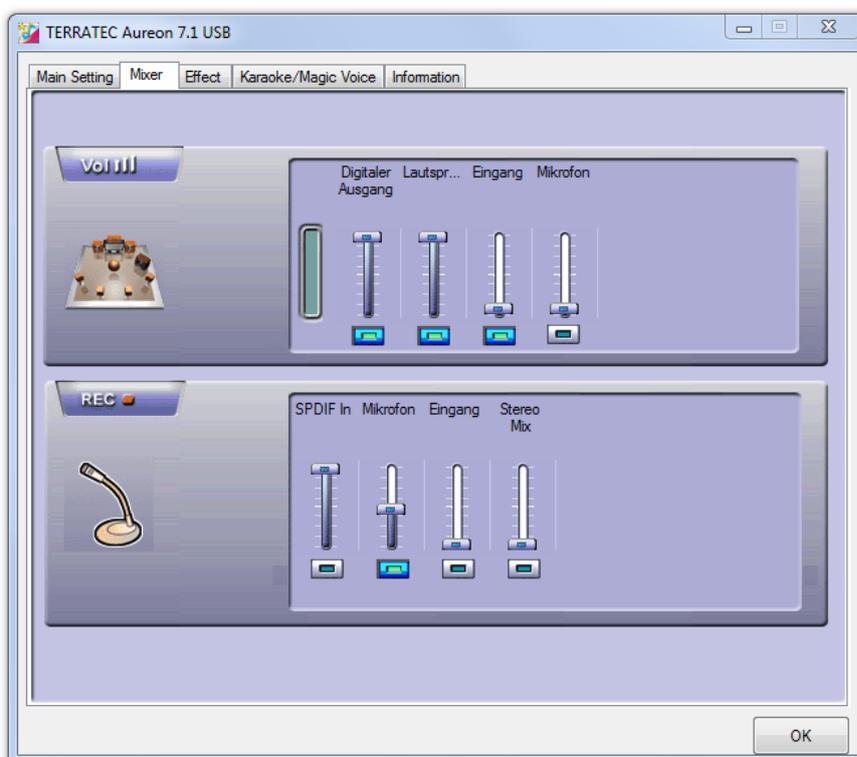
Volume

You can adjust the volume of each individual input here. The faders controls the different inputs and give you the ability to mute one using the MUTE button or adjust the volume of the speakers using the faders.

Record

In the Record window you can set the signal source that you want to record and its volume.

S/PDIF is a digital signal that does not allow volume control.



3.3 Effect

Environment

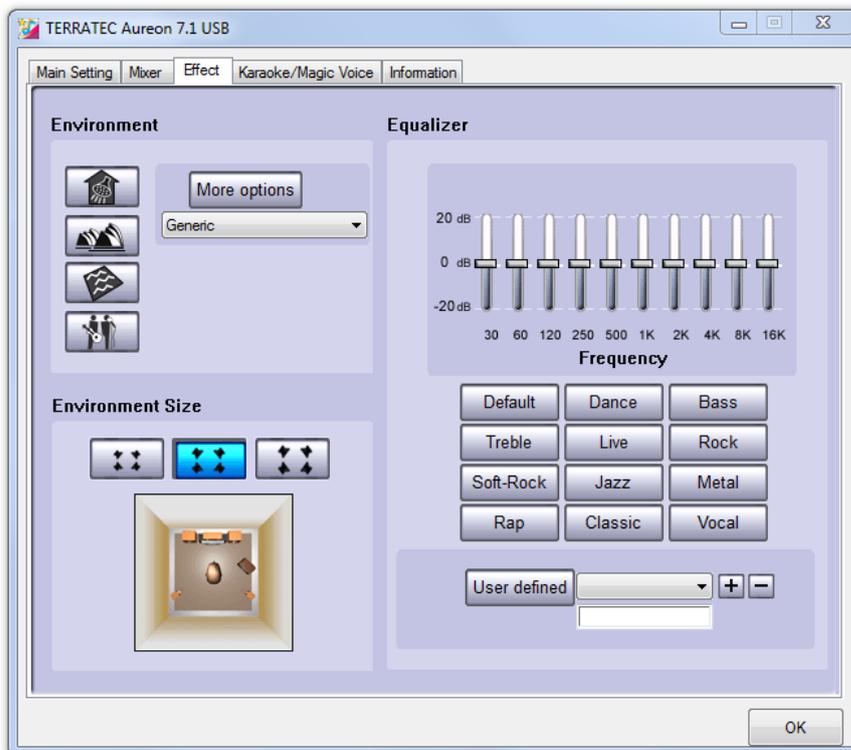
You can use this menu to simulate sound effects. Have fun experimenting with different settings!

Environment Size

Select the size of the room in which you have set up the 7.1 speakers. This selection adjusts the volume to the room.

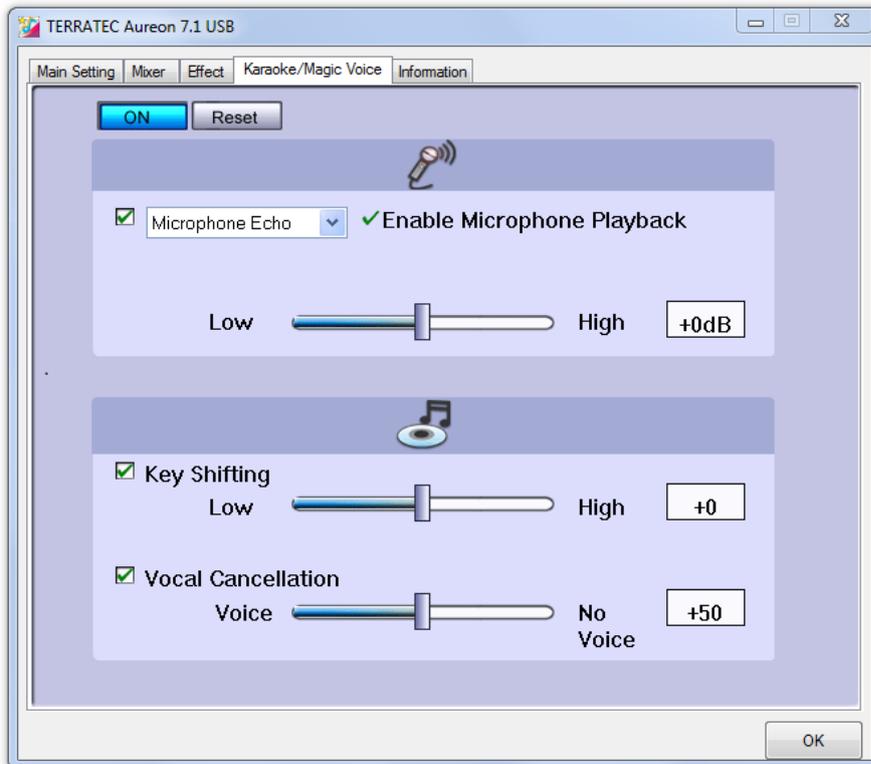
Equalizer

Using the integrated equalizer, you can increase or attenuate audio signals in 10 frequency bands to emphasize bass or treble.



3.4 Karaoke / Magic Voice

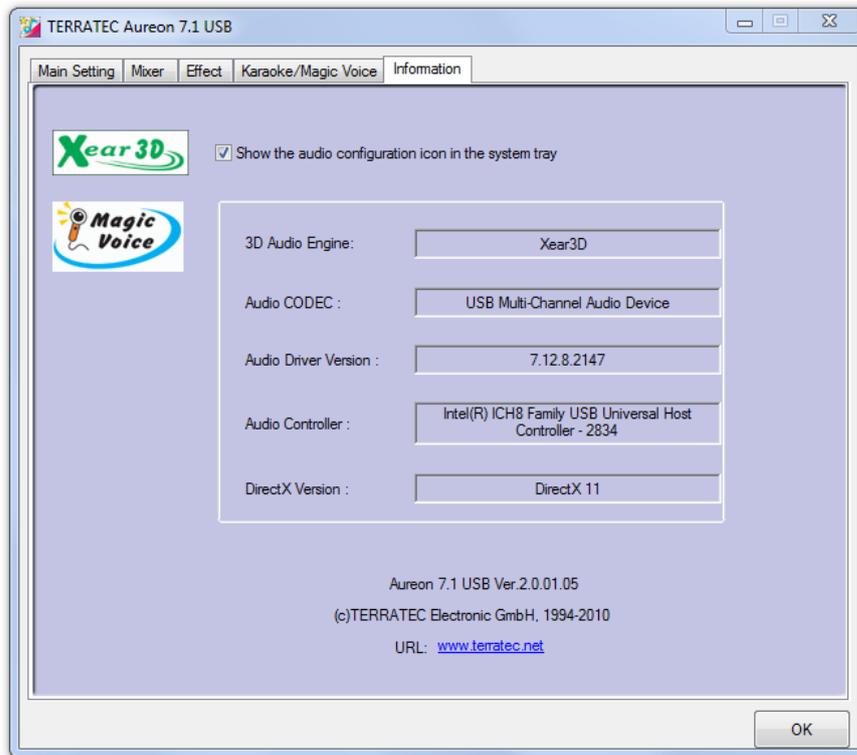
Here you can activate special effects for your microphone input, move the tone of the play or regulate voice suppression.



3.5 Information

Information

The last tab displays general information about the application. It also allows you to choose whether or not to display the icon for starting the Control Panel in the taskbar.



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