

# ***TT SOLO 1-NL***

featured by TerraTec

## ***QUICK REFERENCE***

QR8250-02-15.10.99

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CE declaration

We:

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

hereby declare that the product:

TTSolo1-NL

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

1. EN 55022
2. EN 50082-1

The following are the stipulated operating conditions 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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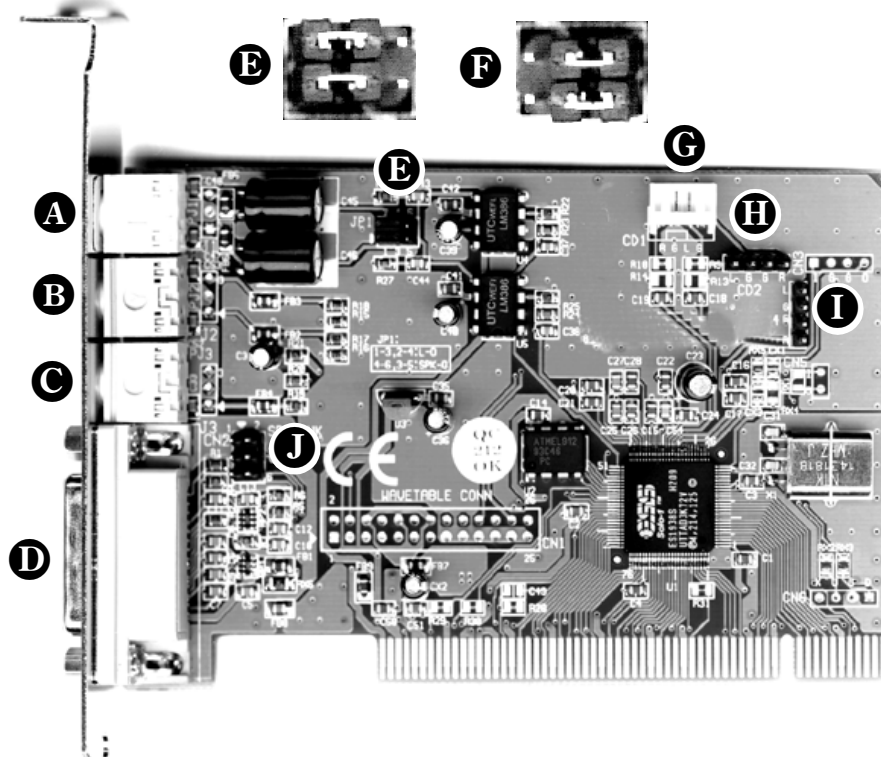
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## QUICK REFERENCE

## ENGLISH

Dear Customer,

In the following Quick Reference Guide, replace the <CD> symbol with the drive letter assigned to your CD-ROM.



- Ⓐ Line Out
- Ⓑ Line In
- Ⓒ Mic In, mono
- Ⓓ MIDI / Joystick interface
- Ⓔ JP1: Line Out
- Ⓕ JP1: Speaker Out
- Ⓖ Internal CD Audio Connection IDE (CD1 White: right - ground - left - ground)
- Ⓗ Internal CD audio connector (SONY) (CD2: right - ground - ground - left)
- Ⓘ Internal Aux In, stereo (CN4: right - ground - ground - left)
- Ⓝ SB link

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## ***TECHNICAL DATA.***

### ***AT A GLANCE.***

- PCI Plug & Play
- Real-Mode DOS SoundBlaster/Pro-compatible
- Software Wavetable\*
- VSpace 3D-Sound
- Enhanced Full Duplex

### ***COMPATIBILITY.***

- Microsoft DirectSound
- Microsoft DirectSound 3D
- General MIDI
- MPU-401 compatible
- SoundBlaster/PRO
- OPL3 compatible hardware FM synthesis

### ***DIGITAL AUDIO.***

- VSpace 3D Effect
- 8/16-bit audio stereo/mono for recording and playback with up to 48 kHz
- Enhanced Full Duplex
- Record and playback all audio sources

### ***SOFTWARE WAVETABLE.\****

- 32 voices, simultaneous
- 1 MB & 3MB Sample set
- GM compatible

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\* Not available under NT 4.0

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### **AUDIO MIXER.**

- Individual level controls for all audio sources

### **MIDI/JOYSTICK INTERFACE.**

- DirectInput compatible
- MPU-401 (UART mode) compatible
- SoundBlaster MIDI interface
- Standard dual gameport (Y-cable)

### **EXTERNAL CONNECTIONS.**

- Switchable speaker/line-OUT (3.5 mm jack)
- Line In (3.5 mm jack), Mic In (3.5 mm jack)
- MIDI/joystick interface (IBM 15-pin Sub-D)

### **ONBOARD CONNECTIONS.**

- IDE/Sony CD audio connectors
- Aux In, stereo
- SB link

### **ONBOARD AMPLIFIER.**

- Stereo amplifier, 2 x 500 mwatts

### **DRIVERS.**

- MS-DOS 7.0, Windows 95/98, Windows NT 4.0

### **SYSTEM REQUIREMENTS.**

- One free PCI 2.1 compatible PCI slot
- P166, P200 MMX recommended
- 16MB, 32MB recommended
- CD-ROM drive for Driver & Installation CD
- 10 MB free hard disk space
- Speakers or headphones
- Windows 95/ 98 with DirectX 5.0 or higher, or Windows NT 4.0 min. SP3

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## **DRIVER INSTALLATION.**

**Please note that automatic driver installation (the simplest installation method) through the setup program in Windows 95/98 is only possible if the sound card has not yet been installed! This restriction does not apply for Windows NT 4.0..**

### **INSTALLATION INSTRUCTIONS FOR WIN95, WIN95 (OSR2).**

Insert the CD-ROM in your CD-ROM drive. Switch to the folder<CD>:\DRIVERS\WIN9X and start the program **SETUP.EXE**. Follow the instructions of the installation program. Install the soundcard as described in the Hardware Installation chapter. The next time you restart your computer the soundcard drivers will be automatically installed.

### **INSTALLATION INSTRUCTIONS FOR WIN98, WIN98 SE.**

Insert the CD-ROM in your CD-ROM drive. Switch to the folder<CD>:\DRIVERS\WIN9X and start the program **SETUP.EXE**. Follow the instructions of the installation program. Install the soundcard as described in the *Hardware Installation* chapter. The next time your computer is started a *PCI Multimedia Device* will be recognized and Microsoft's hardware assistant will be started. Confirm with *Next*. Choose *Search for the best driver for your device (recommended)* and click *Next*. Activate the entry *Specify a location* and click *Next*. Follow the instructions given by the hardware assistant.

### **CONFIGURATION OF THE SOFTWARE WAVETABLE.**

The software wavetable is automatically installed under Windows 9x when the drivers are installed. To activate the software wavetable, proceed as follows:

- Start the Device manager.
- Choose the device *ESS Solo-1 PCI AudioDrive* under *Sound, video and game controllers*.
- Click on Properties and switch to the *Wavetable* card.
- Activate the box labeled *Enable*.
- Choose between the 1MB and the 3MB sample set and confirm with *OK*.

In order for the MIDI applications to be able to use the software wavetable, the wavetable has to be selected as an output device.

- Go to Start → Settings → Control Panel → Multimedia.
- Switch to the MIDI card
- Choose the software wavetable.

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## **INSTALLATION INSTRUCTIONS FOR WINDOWS NT 4.0. (MIN. SERVICEPACK 3).**

***Please ensure that you are logged on as Administrator when installing the drivers.***

Install the soundcard as described in the Hardware Installation chapter. Insert the CD-ROM in your CD-ROM drive. Switch to the folder <CD>:\DRIVERS\WINNT and start the program SETUP.EXE. Follow the instructions of the installation program.

## **HARDWARE INSTALLATION.**

Before installing the sound card, please take note of any special points pertaining to the configuration of your computer. Also refer to the handbook of your computer and other expansion cards for their settings.

Please observe the following instructions to ensure a trouble-free installation.

If difficulties arise nevertheless, please reread the relevant chapter in this handbook carefully.

***WARNING! – Before opening the case, unplug the mains cable from the wall socket as well as from the PC.***

ESD (electrostatic discharge) may damage disk drives, add-on boards and other components. The steps described should only be carried out at an ESD workstation. If one is not available, you can prevent electrostatic discharge by wearing an antistatic arm band and holding it to a metal part of the system housing.

Please note that opening the housing in no way breaches the conditions of guarantee provided that you do not carry out any modifications to the hardware components inside. Any unauthorized expansion of the PC may however affect your rights under the terms of the guarantee. Any such work should be discussed beforehand with your specialist dealer.

Now it's time to arm yourself with a Phillips screwdriver.

And here's what to do, step by step:

- Turn off your computer and any other peripheral devices. Leave the AC cord connected for the time being, so that your computer is still grounded.
- Touch the metal chassis at the rear of the PC to ground yourself and discharge static. Now unplug the cord from the AC mains socket.
- Remove the cover from the case of your PC.

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- Look for a free PCI expansion slot, remove the screw holding the slot blanking plate and remove the plate. To ensure the optimal function of your sound card, look for an expansion slot that is not immediately next to an already-installed card. Some cards, such as video adapters, can send out signals which can interfere with the sound card.
  - Carefully remove the sound card from its packaging and pick it up by the edges with one hand while your other hand is resting on the metal of the PC case.
  - This will ensure that your body is completely discharged via your computer without affecting the sound card. Do not touch the components of the card under any circumstances.
  - Align the holder at the rear of the sound card in the expansion slot in such a way that the card's connectors are directly in line with the slot's socket.
  - Carefully seat the card in the slot. You might have to press the card firmly into the slot to make a good contact. Take care to ensure that the contacts are precisely in line, in order to avoid damaging the sound card or the motherboard in your PC.
  - Insert and tighten the screw from the slot cover to secure the sound card in its slot.
  - Connect the CD-ROM drive to the sound card with the audio cable. (In general, this cable is provided with the CD-ROM drive).
  - Reinstall the cover of your PC case.
  - Connect your speakers or hifi stereo system to the sound card.
  - Reconnect the mains and all other cables. Make sure that your speakers or hifi system is set to low volume. Start your computer.

## ***SOFTWARE INSTALLATION.***

### ***AUDIORACK.***

Start **SETUP.EXE** in the subdirectory `<CD>:\AUDIORACK` from the CD-ROM. Follow the instructions of the installation program.

### ***ONLINE QUICK REFERENCE.***

Start **SETUP.EXE** in the subdirectory `<CD>:\QUICKREFERENCE` from the CD-ROM. Follow the instructions of the installation program.