Accessories

VICE VERSA

Digital Converter

English Manual

CE Declaration

We:

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

hereby declare that the product:

Vice Versa

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

EN 55013

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

Converted greetings

Thank you for purchasing the **TerraTec Vice Versa Digital Converter**. The **Vice Versa Digital Converter** is the intelligent solution for the conversion of digital audio sources in S/PDIF format. Please read the following information so that you can start using all possible routings of your device right away.

We hope you enjoy your new **Vice Versa Digital Converter...**

...your TerraTec Team

Connections and selector switches

Power: The Vice Versa can be powered by a standard 9 V power adapter (not included), or it can draw its power via the USB connection to your computer. Set the selector switch to the appropriate power source. To select USB, set the switch in the direction of the USB port or vice versa to use the power adapter.

Please note: The USB connection only serves as a power supply. As there is no data connection to your PC or Macintosh, you will not be needing any drivers for this product. :o)

S/PDIF connections: The Vice Versa has 4 S/PDIF connections, each with an optical input and output, and a coaxial input and output. The markings are clearly marked as inputs or outputs on the housing.

The operating mode selector switch is located between the S/PDIF connectors. Three different operating modes are available; these are described in detail below.

Operating modes

The device can be wired and used in three different ways. We have provided wiring diagrams and explanations of a few typical uses below for each of the switch positions.
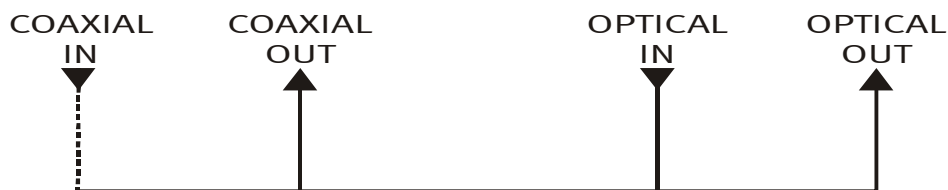
Important: The Vice Versa does not feature a sample rate converter. Data is converted to the appropriate S/PDIF format without checking the sample rates or bit rates.

Co(axial) ▸ Op(tical) switch position:

In this switch position, data applied to the optical input is available at the optical and coaxial outputs at the same time. There are a number of advantages to this mode, such as its ability to cover large distances. This could be useful for public events or presentations. With this switch position, the device can be used as a repeater. Simply take two 10 m lengths of optical cable, set the selector switch to Co4Op, and use the device to bridge a distance of up to 20 m. Its actual function—converting data to a coaxial signal—is of course still available, a further advantage. If you are using recording devices such as DAT recorders that feature both options (optical and coaxial), then you can also use these connections to record with two DAT recorders simultaneously.

```
COAXIAL      COAXIAL              OPTICAL      OPTICAL
  IN           OUT                  IN           OUT
  ▼            ▲                    ▼            ▲
```

Bi(-directional) switch position:

In this mode, data can be sent in both directions. This method is particularly interesting, for example, when using a DAT recorder to record music data from the digital mixer. The bidirectional setting lets you listen to the recorded material at the mixer immediately after the recording is complete. This setting is therefore best suited for devices permanently installed in a home recording or professional studio (such as DAT recorders, minidisk players, etc.) used as recording devices for mixes.

```
COAXIAL      COAXIAL              OPTICAL      OPTICAL
  IN           OUT                  IN           OUT
  ▼            ▲                    ▼            ▲
```

Op(tical) ▸ Co(axial) switch position:

This switch position corresponds exactly to the Co4Op position, only in the opposite direction. In this case, data is routed from the coaxial input to the coaxial output and the optical output. The repeater function is set up for coaxial in this selector switch position. The dual

recording function is also available in this mode—the source must be applied to the coaxial input, however.

```
COAXIAL       COAXIAL                    OPTICAL       OPTICAL
  IN            OUT                        IN            OUT
  ▼             ▲                          ▼             ▲
  ┊             │                          │             │
  └─────────────┘                          └─────────────┘
```

Tip: the switch positions have been laid out in such a manner that they always select the target of the conversion. In other words, if you set the switch in the direction of the coaxial outputs, the Vice Versa will expect a signal at the optical input and send the converted signal to the coaxial output. Always consider the following: what is the destination of the converted data? Select the switch position according to the desired output for the data.

Service at TerraTec.

The TerraTec Team is always ready to provide service and support.

Hotline, Mailbox, Internet.

In case of a serious problem—where you can neither solve the problem on your own nor with the guided help found in this manual, nor with the help of your dealer—please contact us directly.

The first way should be the Internet: under **http://www.terratec.com** you will always find current answers to frequently asked questions (FAQ) and the latest drivers. All of that is also accessible via our mailbox system. To call us: +49-(0)2157-8179-24 (analog) and +49-(0)2157-8179-42 (ISDN).

If these options do not provide the necessary help, please contact our phone hotline. You can also reach us online.

To do so, visit us under **http://www.terratec.com/support.htm**.

In both cases, please have the following information handy:

- your registration number
- this documentation.

In addition, it would be helpful to our technicians if you are at your device during the phone call to directly carry out tips and tricks. Please do not forget to write down the name of the respective support technician if you contact our Support Team. You will need this name if a defect is present and your device needs to be mailed to us.