

SpeakerSystem



7.1 SpeakerSystem

English Manual

Version: 19.07.03

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CE Declaration

We:

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

hereby declare that the product:

HomeArena TXR 884

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

EN 50013, EN 50022, EN 60065

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**

Thank you for purchasing the HomeArena TXR 884.

The HomeArena TXR 884 is a complete 7.1 loudspeaker system with integrated amplifier (not a decoder), offering you fantastic audio quality from your PC sound card or your DVD player.

This manual provides you with information on setting up your HomeArena TXR 884 speaker system, tips on speaker positioning and instructions for using the integrated amplifier.

### **1.1. Package content**

Your HomeArena speaker system package should contain the following documentation and hardware:

- 1 x subwoofer with integrated 8-channel amplifier
- 7 x satellite speakers with cables
- 7 x stands for satellite speakers
- 4 x wall bracket kit for 4 satellite speakers
- 5 x 3.5 mm stereo cables jack to cinch
- 5 x stereo cables cinch to stereo cinch (2 RCA-2 RCA)
- 1 x Getting Started guide
- 1 x CD
- 1 x registration card
- 1 x Service request form

If the package is incomplete or the contents damaged, please contact your retailer as soon as possible.

### **1.2. System requirements**

PC with sound card (e.g. TerraTec Aureon series) or DVD player with integrated decoder and 5.1, 6.1 or 7.1 line level outputs or any other audio source with appropriate analog outputs.

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### 1.3. Front view of HomeArena TXR 884



*(Image only for purposes of illustration)*

### 1.4. Rear view of subwoofer, HomeArena TXR 884



*(Image only for purposes of illustration)*

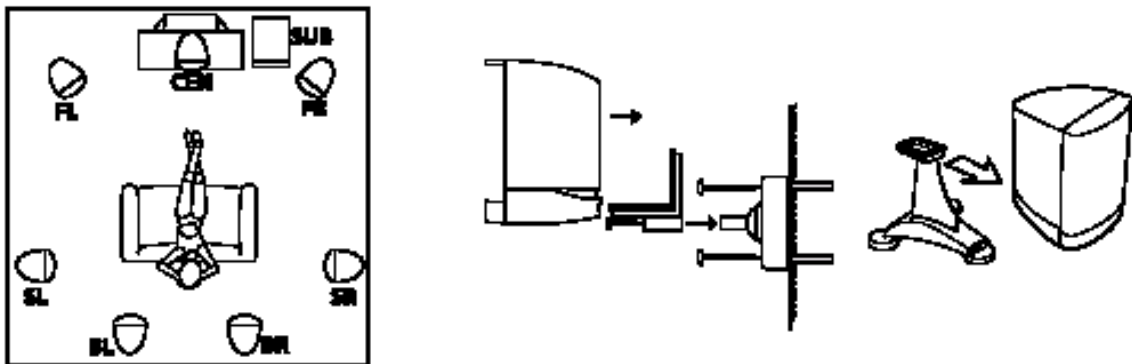
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## 2. Installation

### 2.1. Positioning the speakers

Removable desktop speaker stands and four brackets for wall mounting are supplied with your HomeArena TXR 884 speaker system.

To attach a speaker to a stand or wall bracket, push the speaker onto the bracket/stand. This is shown in the sketch below.



The following section contains tips on positioning the speakers:

#### **Front left, front right:**

The speakers are located in front of your listening position (e.g. on both sides of your TV or monitor) and are at a slight angle to you.

#### **Surround left, surround right:**

The speakers are to the side of your listening position and are at a slight angle to you. You can also mount the speakers on a side wall using the wall brackets.

#### **Rear left, rear right:**

The speakers are located behind your listening position (e.g. mounted on a rear wall) and at a slight angle to you. You can also mount the speakers on floor stands. You can find these at any good specialist dealer.

#### **Subwoofer:**

Subwoofers are located on the floor so that you can easily reach the controls and connect the subwoofer to its source (PC or DVD player).

#### **Center:**

The speakers are directly in front of your listening position (e.g. on your TV/monitor) and at the same height as your front speakers.

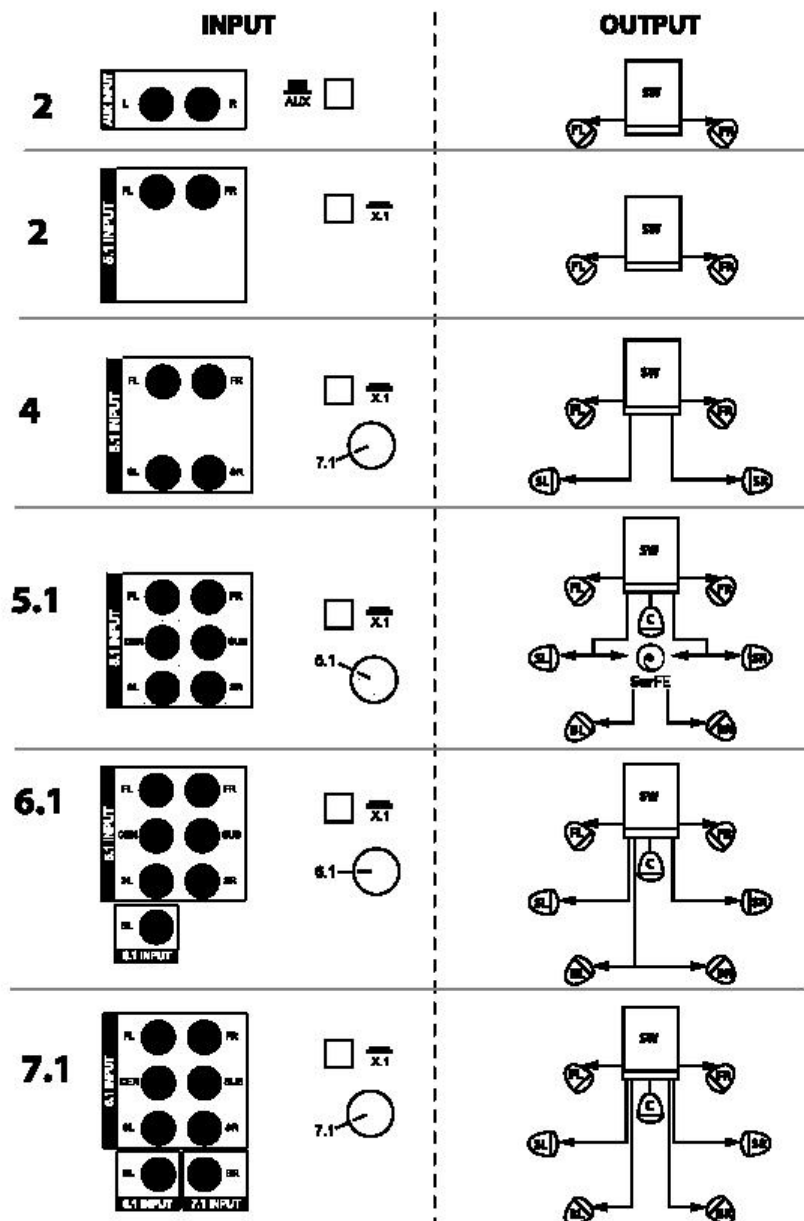
## 2.2. Connection to your audio source

You can connect any analog source to your HomeArena TXR 884. On the following pages, you will find recommendations for connections and controller settings for a number of audio sources.

Use the supplied cinch - minijack (3.5 mm) cable or a cinch - cinch cable to connect your audio source to your HomeArena TXR 884 speaker system.

Depending on your audio source, the HomeArena TXR 884 will optimize output (see diagram).

Make sure that the output setting of your source is set so that it matches the number of connected speakers you are using.



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### 2.3. Connecting the speakers

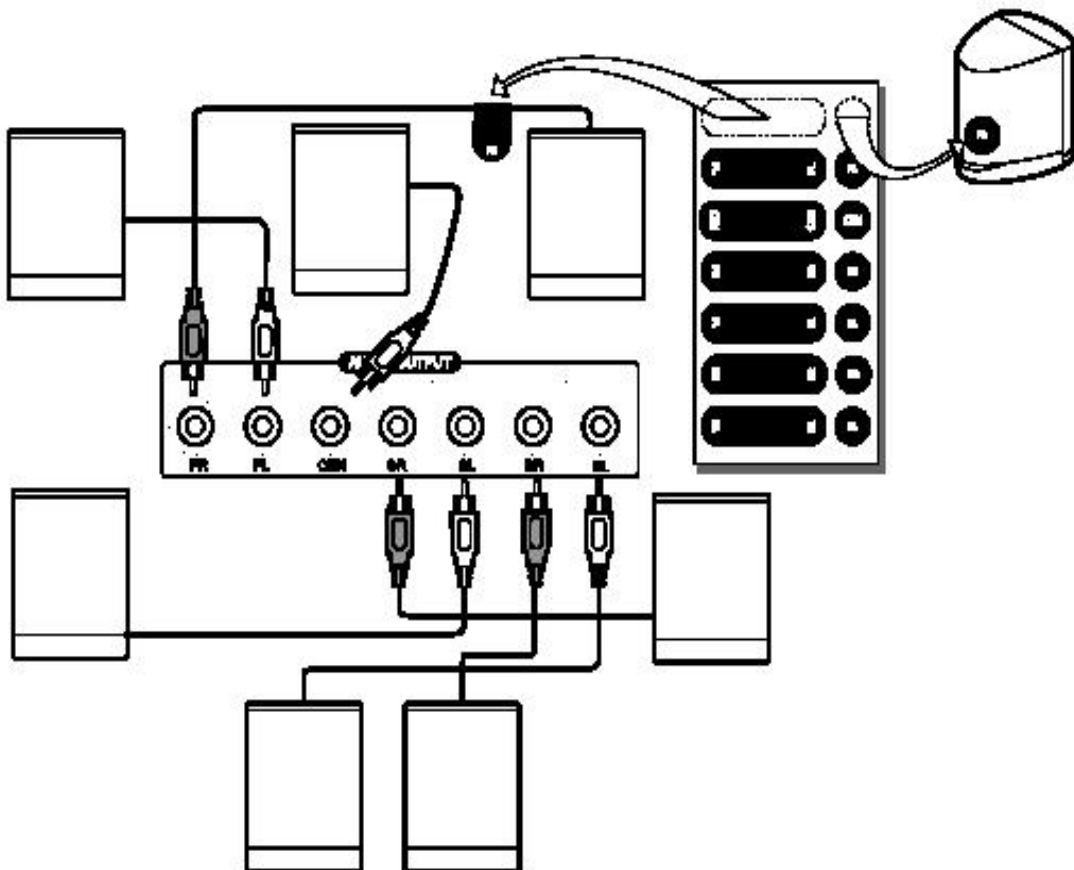
Connecting up the speakers of your HomeArena TXR 884 is really easy. Stick the supplied sticker on the speaker cables and the rear of the speaker as shown in the diagram. This gives you full control over which speakers are connected to which cables or which speaker must still be connected.

Connect one of the seven satellites with the subwoofer unit which houses the amplifier and the subwoofer speaker. For this, use the speaker cable connected to each speaker.

The three satellite speakers with the shorter cables are the left and right front and center speakers.

The four satellite speakers with longer cables are left and right surround speakers and the left and right rear speakers.

You can find information on positioning your speakers in the section 2.1 “Positioning the speakers”.





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## 2.4. Using the controls

The following controls for your HomeArena TXR 884 are located on the front of your sub-woofer.



*(Image only for purposes of illustration)*

### **1 Volume:**

Switches the unit on and off and sets the total volume, also for the front speakers. When the unit is switched on, the Power display on the front panel lights up.

### **2 Centre:**

Regulates the volume of the center speakers.

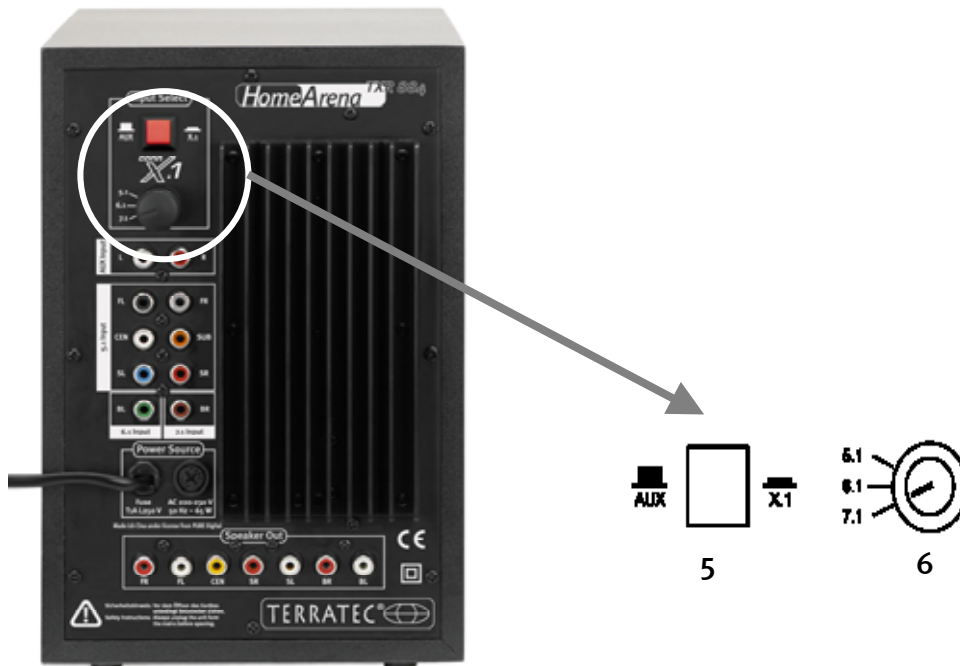
### **3 Rear:**

Regulates the volume of the rear speakers (surround and back surround).

### **4 Sub:**

Regulates the volume of the subwoofer.

The following controls for your speaker system are located on the rear side of your subwoofer.



*(Image only for purposes of illustration)*

#### **5 INPUT TYPE:**

Switches between the Stereo-AUX inputs (Out key) and X.1 multichannel inputs (In key).

#### **6 ConnX.1:**

Controls which multichannel inputs are to be used. Here, you should set the number of channels which you have connected from your source.

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### ***3. Safety information***

Ensure that the amplifier/subwoofer unit (ASU for short) is sufficiently ventilated.

Never run the ASU in a bookcase or any other similar closed piece of furniture.

Keep the ASU away from heat sources.

Do not operate the ASU and the speakers in close proximity to water.

Ensure that absolutely no liquids can ingress into the interior of the ASU and the speakers.

Do not operate the HomeArena TXR 884 at full power for long periods. This can destroy the connected speaker membranes.

Do not open the housing. Danger of death from electrocution!

### ***4. Safety when handling power supplies***

Your HomeArena TXR 884 speaker system requires an operating voltage of 220-230 VAC at 50 Hz.

Do not open the ASU of the HomeArena TXR 884 under any circumstances.

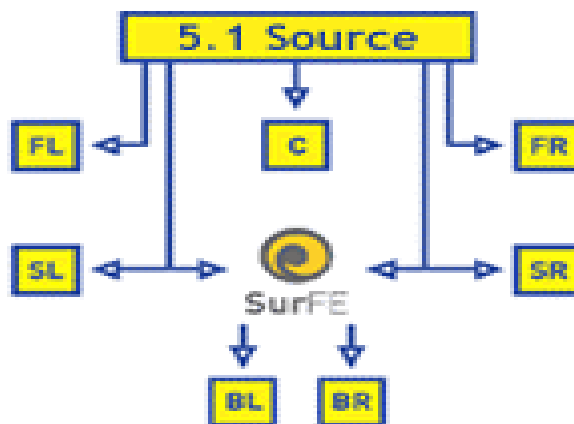
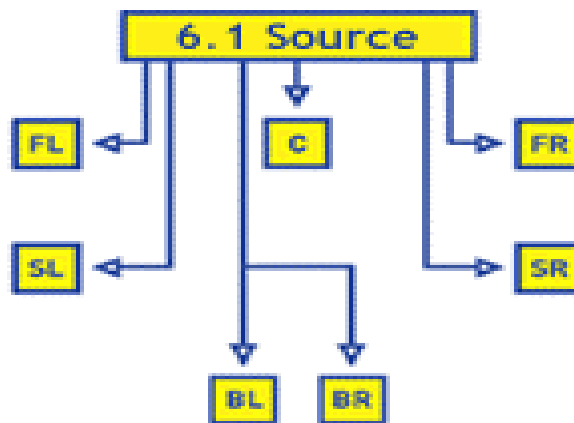
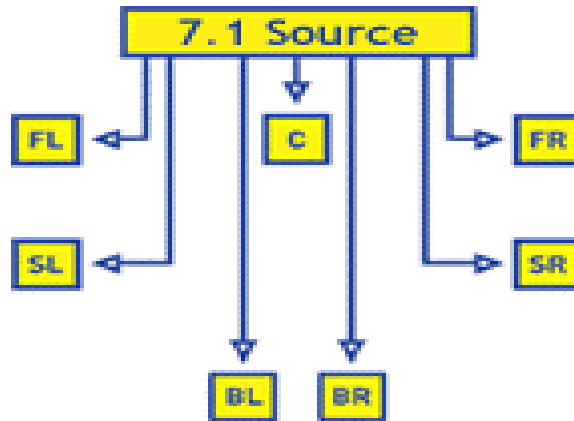
There are no parts inside the housing which you need to maintain.

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## 5. Reference

### 5.1. ConnX.1™

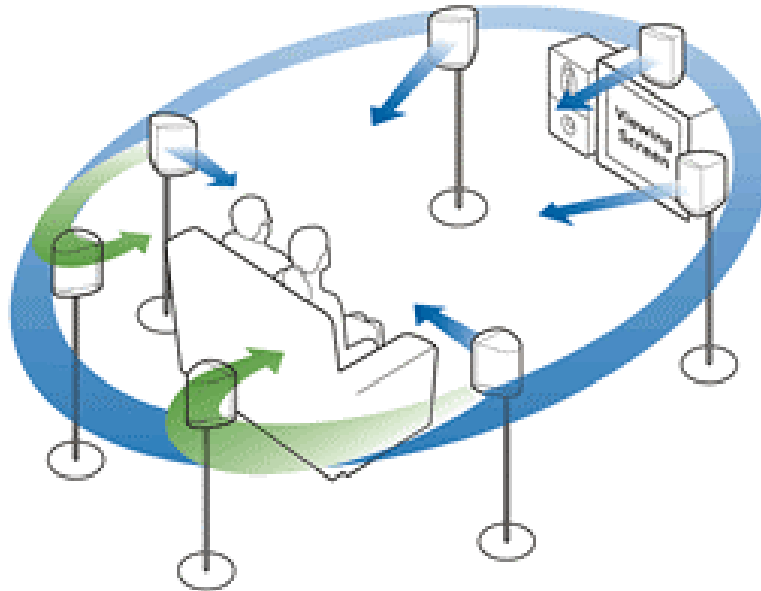
The unique ConnX.1 technology takes any multichannel source (5.1, 6.1 or 7.1) and delivers optimum 7.1 performance.



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## 5.2. *SurFE™*

Surround Field Enhancement (SurFE) technology turns a 5.1 audio source into real 7.1 sound with two separate source side surround channels.



## 5.3. *Dolby Digital*

Dolby Digital is a specially designed system for encoding digital sound. It allows more efficient saving and transmission of high quality digital sound than was previously possible. The system was first used in cinemas in 1992. Dolby Laboratories has decades of experience of developing sound signal treatments which take the special properties of human hearing into account. This is the basis of Dolby Digital.

In contrast to plain four channel Dolby Surround, the Dolby Digital (AC-3) system is designed as a 5.1 system. There are three full front channels and two full surround channels which can reproduce the complete range of frequencies. One channel is encoded as a subwoofer channel carrying only low frequency signals. These six channels are then stored, in a reduced form, in a data current and are then split into the individual channels after reading out. As the sound channels are completely separate, previously impossible effects are now made possible.

It must be added that Dolby Digital does not automatically mean a six-channel soundtrack. The DD track can range from 1.0 (mono) to 5.1, with any number of intermediate settings. Many DVDs contain only 2.0 soundtracks which are then compatible with full Dolby Surround.

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#### **5.4. DTS**

DTS is the Digital Theater System and was first introduced in 1993 by Steven Spielberg in his film “Jurassic Park”. Even now, this standard is more common in cinemas than in living rooms. DTS is a 5.1 system. Therefore, as with Dolby Digital, the sound is split into six channels. There are countless speaker systems and sound cards which are DTS compatible. This is made possible through software decoding. Even if the quality of DTS is unquestionably better than that of Dolby Digital, it should be noted that no film appears only in DTS. This is because Dolby Digital is more or less the standard for digital sound recording/reproduction, which is not the case for DTS.

#### **5.5. Dolby Digital EX**

Dolby® Digital Surround EX™ supplements film soundtracks in Dolby Digital 5.1 by adding a third surround channel which is reproduced by speakers directly behind the audience. This rear surround channel works with the standard left and right surround channels in such a way as to produce a more realistic sound. This means that audiences are drawn yet further into the action.

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## 6. *Electromagnetic Compatibility*

This unit meets the new European Standards for EMC (Directive 89/336/EEC). Please contact us if you require additional information.

## 7. *FCC declaration*

This equipment has been tested and found to comply with the limits for a Class B digital device in accordance with the specifications in Part 15 of FCC rules. These specifications are designed to provide reasonable protection against such interference in a residential installation. This equipment generates, uses, and can radiate radio-frequency energy. Incorrect use may lead to radio-frequency interference. However, there is no guarantee that interference will not occur in a particular installation. You can determine whether this device is causing interference by turning it off. If the device does cause interference, try to correct it by using one or more of the following measures:

- Turn the television or radio antenna until the interference stops.
- Move the device farther away from the receiver.
- Plug the device into an outlet that is on a different circuit from the receiver.
- Consult your retailer or an experienced radio/television technician for additional suggestions.

Only devices designated as Class B may be connected and must feature shielded satellite cables. Changes or modifications to this product not authorized by the group responsible for the adherence to the regulations could void the FCC certification and negate your authority to operate the product. This device complies with the specifications in Part 15 of FCC rules. Its operation is subject to the following rules: 1.) The device must not emit dangerous radiation. 2.) The device must accept interference, including interference that may lead to faulty operation.

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## ***8. Limited warranty***

TerraTec Electronic GmbH (hereinafter: “TerraTec”) guarantees the first buyer (hereinafter: “buyer”) the product's freedom from defects in materials and workmanship for a period of 24 months if used as intended, installed in the original system under the conditions specified below. This warranty does not cover problems of compatibility with hardware, software or alternative configurations used with the device. In the event of damage covered by this warranty, TerraTec shall repair or replace the device free of charge at its own discretion.

TerraTec reserves the right to replace the device with a comparable or superior model. Such replacement devices may be reconditioned or may contain reconditioned parts. Repaired or replaced products shall be subject to the same terms of warranty.

This limited warranty does not cover incorrect use, misuse, improper handling, accidents, improper installation or other reasons not related to defects in materials or workmanship. TerraTec reserves the right to invoice repairs performed for any of the reasons specified above as appropriate. This shall also apply to the return of equipment which is in good operating condition. Memory or other components that were not originally supplied with this product are not covered by this warranty.

In the event of warranty claims, please contact TerraTec technical support. You must have spoken to one of our services staff members before returning a device to us. You will be given an RMA (return material authorization) number and information on how to proceed with the return of your damaged product. No TerraTec product will be accepted for repairs without an RMA number and proof of purchase. The sales slip or invoice shall suffice as proof of purchase. The costs for shipping of the product to be repaired by TerraTec shall be borne by the sender.

No other warranties are made, express or implied, including but not restricted to warranties with regard to suitability for a specific purpose or commercial viability. TerraTec shall under no circumstances be held liable for damages arising from the deployment or installation of a TerraTec product or from the infringement upon an express or implied warranty. TerraTec's liability toward the buyer shall be limited to the purchase price of the device in the event that damages arise from the use of the device or negligence by TerraTec. TerraTec reserves the right to investigate and verify damage to any and all products or components. This warranty does not apply to software components.