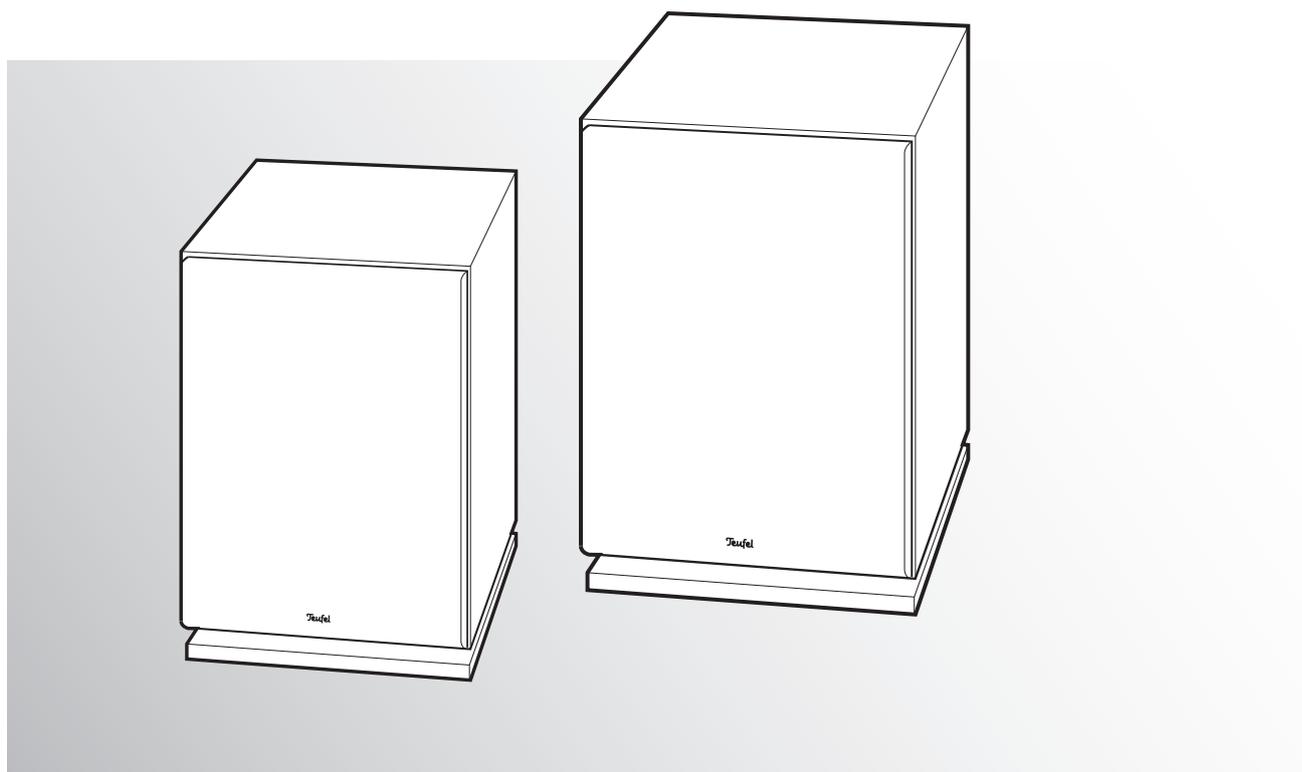


Technical description and operating instructions



T 1000 SW / T 2000 SW

Active subwoofer

Teufel

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General notes and information

Notice

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Original packaging

If you wish to exercise your eight-week right of return, we ask that you be absolutely sure to hold onto the packaging. We can only accept the return of a device WITH THE ORIGINAL PACKAGING.

Empty boxes are not available!

Complaints

In case of complaint we will need the following information to process your enquiry:

1. Invoice Number

Can be found on the sales slip (enclosed with the product) or on the order confirmation received as a PDF document, e.g. 4322543.

2. Serial number or batch number

Located on the back of the unit,
e.g. serial number: UL 04007480121A

Many thanks for your support!

Contact

For questions, suggestions or criticism please contact our customer service department:

Lautsprecher Teufel GmbH
Gewerbehof Buelowbogen
Buelowstrasse 66
10783 Berlin (Germany)

Phone 00800 - 200 300 400 (free of charge)

Fax: +49 (0)30 - 300 930 930

E-mail: service@teufelaudio.com

www.teufelaudio.com

Proper use

The product is designed for playback of audio signals.

Use the unit only as described in these operating instructions. Any other use will be deemed as not in accordance with the instructions and may lead to damage to property or even persons.

The manufacturer accepts no liability for damage caused by use not in accordance with the instructions.

The unit is intended for private use.



Before operating the product please read the safety notes and operating instructions carefully.

This is the only way to use all functions safely and reliably.

Keep the operating instructions safe and pass them on to anyone who may own the unit after you.

Safety notes

Caution icons

You will find the following caution icons in these instructions:

Danger High risk!
 Failure to observe the warning may result in severe personal injury or death.

Attention Moderate risk!
 Failure to observe the warning may result in property damage.

Minor risk!
 Points which should be observed when handling the unit.

Safety notes

Danger Risk of electric shock!
 Faulty installation of electrical equipment or mains voltage which is too high can cause electric shocks.

- The unit is suitable for mains voltages of 220V–240 V~/50Hz or 110 V–120 V~/50 Hz.
 - If the unit's case or the power supply cable is defective or shows other signs of visible damage, immediately disconnect the mains plug and do not operate the unit.
 - If the unit emits smoke or smells of burning or other unusual odours, disconnect it immediately from the power supply and do not operate it.
 - Never open the unit's housing.
Repairs may only be carried out by an authorised specialist workshop. In the process, only parts may be used, which correspond to the original device specifications. This device contains electrical and mechanical parts that are imperative for providing protection against sources of danger.
 - Only use accessory products specified by the manufacturer.
 - Do not insert any objects through the vents into the case.
 - Only use the unit in indoor areas.
 - Do not use the unit in damp areas and protect it from drops of water and splash water.
Also take care not to stand vases or other containers filled with liquid on or near the speaker in order to avoid liquid getting into the case. If water or other foreign bodies should enter the case, immediately disconnect the mains adapter and remove any batteries. Then send the unit to our service address.
 - Never touch the mains plug with damp hands.
 - Check the unit regularly for damage.
-

Danger Danger to children!



Children can become trapped in the packing film when playing and suffocate.

- Do not allow children to play with the unit or the packing film. Danger of suffocation.
 - Ensure that children do not remove small parts from the unit or take them off of the unit (e.g. batteries from the remote control, knobs or plug adapters). They could swallow the parts and choke.
 - Never allow children to operate electrical devices unsupervised.
-

Danger Risk of injury!



An unstable base may cause the unit to tip and injure or even kill persons, children are particularly at risk. If you do not set up your subwoofer on the floor, please take the following precautions:

- Only use underframes or speaker stands recommended by the manufacturer.
 - Only place the unit on furniture capable of carrying the load.
 - Make sure that the unit is completely placed on the piece of furniture and does not hang over the edge.
 - Do not place any decorative blankets or other materials on the piece of furniture before you place the device on it.
 - Warn your children of the dangers associated with climbing up on the piece of furniture in order to reach the device.
 - When storing the device, also make sure that the previously described points are complied with.
-



Danger to hearing!

Loud noise may lead to hearing loss.

Very high noise pressure may be emitted especially if the subwoofer is activated and set to full volume. This may have psychological consequences and also cause physical injury. Children and pets are particularly at risk.

- Set your signal source unit volume control to a low setting.
 - When the volume is set high, always keep a certain distance from the unit and never place your ear directly on the speaker.
 - To avoid damage to health, avoid extended listening at high volume.
-

Danger Danger of injury/damage!

Setting the device up in an unsuitable location may result in injury to persons and/or damage

to property.

- Never use the unit unmounted in vehicles, in unstable locations, on wobbly tripods or furniture, on insufficiently dimensioned brackets etc. The device could tip or fall down and cause injury to persons or be damaged itself.
 - Arrange the device so that it cannot be knocked over accidentally and make sure that the cables do not pose a trip hazard.
 - Do not place the unit near sources of heat (e.g. heaters, ovens, other heat generating equipment such as amplifiers etc.)
-

Attention Fire hazard!

Improper use may lead to damage or fire.

- Do not place open flames such as burning candles or similar on the unit.
 - Do not place the unit in direct sunlight.
 - Ensure sufficient ventilation.
 - Do not cover the vents with curtains, blankets, newspapers or similar. Heat build-up inside the unit can shorten its lifetime.
-

Attention Risk of damage!

External influences may damage or destroy the device.

- If the unit is to be left unsupervised for a long period (e.g. during a holiday), or if a thunderstorm is forecast, immediately disconnect the mains plug from the socket. Otherwise, a sudden overvoltage could cause a defect.
-

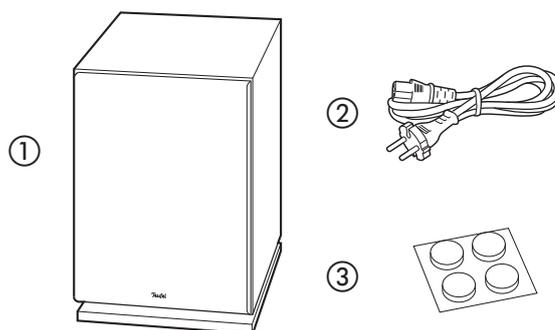
Product contents and control elements

Product contents

- ① 1 x active subwoofer T 1000 SW / T 2000 SW
- ⑤ 1 x mains cord
- ⑥ 4 x rubber feet

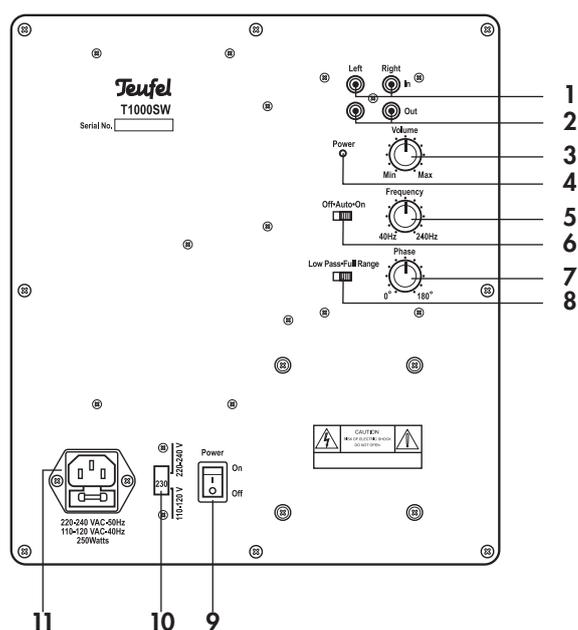
Check to be sure

- Check that all items have been delivered and that nothing is damaged.
- If the delivery is incomplete or you find damage sustained in transit, do not operate the unit but contact our service department (see page 3).



Item	Name	Description
1	In	Audio input jacks
2	Out	Audio out jacks for connecting additional subwoofers
3	Volume	Volume control for subwoofers
4	Power	Power LED (green = on, red = sleep mode/standby)
5	Frequency	Control for frequency up to which the subwoofer operates
6	Off•Auto•On	Automatic activation/deactivation or permanently activated
7	Phase	Control for the subwoofer phase
8	Low Pass•Full Range	Low Pass = Frequency control activated, Full Range = No frequency filtering
9	Power On/Off	Mains switch
10	-	Switch for mains voltage
11	-	Connector jack for mains cord ②

Subwoofer backside



Setup and connection

Setup notes

- Select a stable, level base.
- Make sure that the environment is clean and free from dust.
- Avoid placing the unit close to sources of heat or in direct sunlight.
- Arrange the connector cables so that they do not pose a trip hazard.
- Do not place any heavy objects on the cables or the speakers.
- The location of the subwoofer can be freely selected and does not influence the other speakers. However, do not place it in the corner of the room as this may result in irregular frequency overloads. A location between the front speakers is often ideal.
- The enclosed rubber feet are affixed to all four corners on the base plate of the subwoofer in order to avoid interference associated with vibrations.

Connection

Audio connection

You will need a mono RCA connector cable for the audio connection of the subwoofer. With this cable you connect one of the RCA jacks **1** "In" on the back side of the subwoofer to the RCA jack "Subwoofer Out" on your AV receiver. You will find more information on this in the operating instructions of your receiver.

Connecting to a power supply

Danger Check the mains voltage!



Be absolutely sure to check whether the switch for the mains voltage **10** is set to the right voltage!

The switch **10** has two settings:

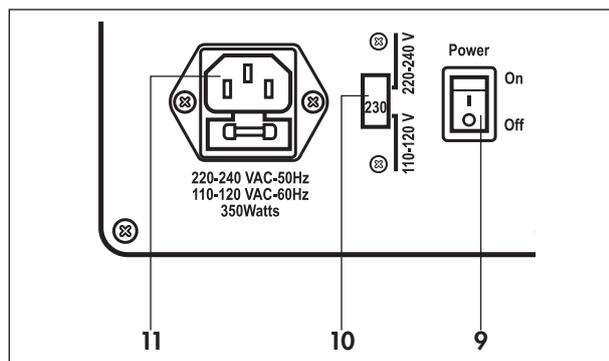
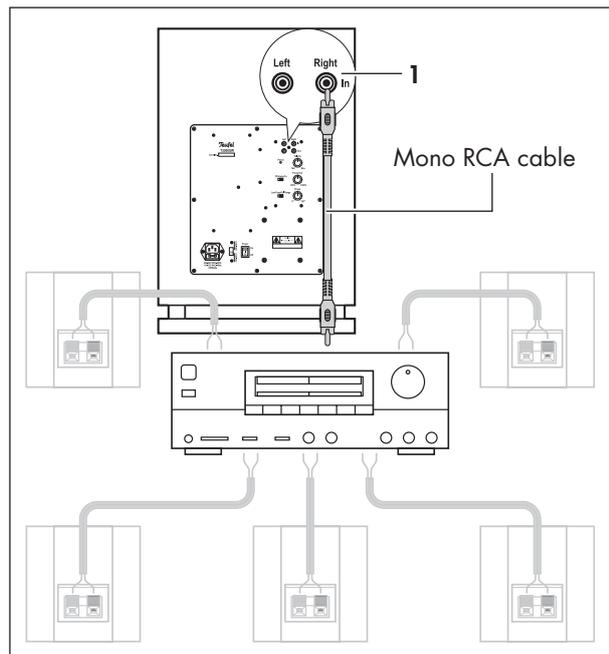
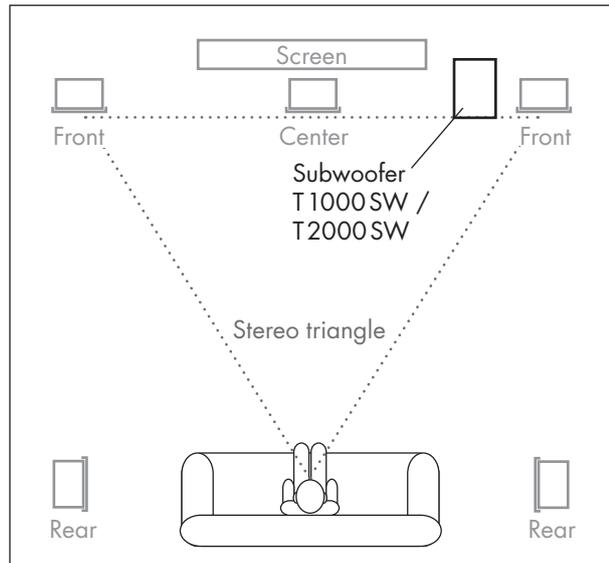
- **230** (220–240 V) for Germany and Europe
- **115** (110–120 V) for North America

The selected setting is indicated in a white font on the red plastic slider of the switch. If you are unsure, ask your public utility for the network voltage.

- If necessary, set the correct mains voltage using the switch **10**.
- Ensure that the mains switch **9** "Power" is switched off ("O OFF" position).
- Turn the volume on the subwoofer to approx. one third power using the "Volume" control **3**.
- Connect the mains connector jack **11** with a mains socket using the mains cord **2**.
- Also plug the mains plug of your AV receiver back into the socket.

Activating and deactivating

- With the switch **9** "Power" you can turn the power supply on or off. When the subwoofer is activated, the power LED **4** "Power" is green. If the subwoofer is in standby, it is red.



Settings

Adjusting the AV receiver and subwoofer

Most AV receivers feature a menu with speaker settings (referred to as "Speaker Setup" or similar).

AV receiver settings

- Subwoofer to "On".
- Set the crossover frequency for subwoofers with 130 mm midrange satellite speakers to 100 Hz, for 160 mm midrange satellite speakers set it to 80 Hz.
- Subwoofer volume to more than 75 %.

Subwoofer settings

- Switch **6** "Off • Auto • On" to "Auto".
- Switch **8** "Low Pass • Full Range" to the right to "Full Range".
- Volume control **3** "Volume" to midrange.
- "Frequency" control to the right up to the stop point.

These settings ensure optimal utilisation of the subwoofer; automatic activation will also function properly. You can make final fine adjustments to your AV receiver later.

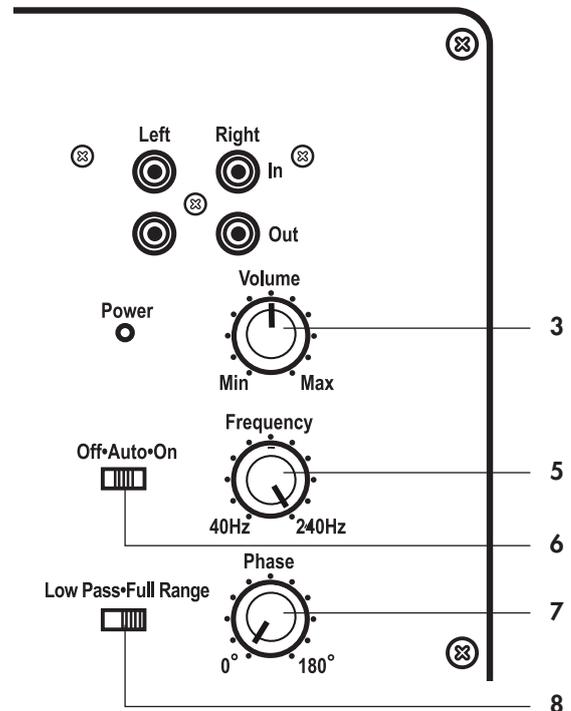
Setting the subwoofer when the AV receiver cannot be set

If your AV receiver does not provide the above options, you can make the most important settings directly on the subwoofer. To do so, you will need a CD or DVD with adequate, powerful sound.

- Set the switch **8** "Low Pass • Full Range" to the left to "Low Pass". Doing so activates the controls **5** "Frequency" and **7** "Phase".
- Set the separation frequency to approx. 100 Hz (fourth dot) with the control **5** "Frequency". This determines that the subwoofer only emits sounds up to this frequency.
- Set the control **7** "Phase" to "0°".
- Set the "Volume" control **3** to half power.

Now sample the sound and adjust the "Volume" control **3** until the subwoofer "is at a good volume" and adjust the control **5** "Frequency" until the bass tones are powerful, but don't drone.

Once you have set the best sound, switch the control **7** "Phase" several times by turning it up to the stop point in both directions. If you notice a considerable improvement in sound quality, refine the settings until optimal. Otherwise, set the control to the "0°" setting. Repeat these steps with different CDs and DVDs.



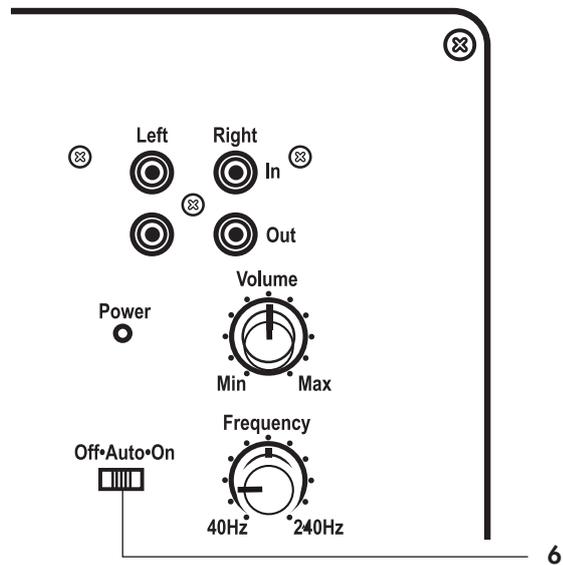
Automatic activation/deactivation

Change the operation mode with the switch 6 "Off•Auto•On":

Off Standby

Auto The subwoofer is activated as soon as an audio signal is present at the input 1. If there is no audio signal for approx. six minutes, the subwoofer switches to standby.

On The subwoofer is continually activated.



Care and cleaning

Clean the subwoofer regularly with a soft, damp micro-fiber cloth. When doing so, please be absolutely sure to observe the following instructions:

Danger Risk of electric shock!



In contact with live parts, water can lead to electric shock or short circuit.

- Make sure that no liquid penetrates the unit.
- Disconnect the mains plug before cleaning.

Attention Risk of damage!

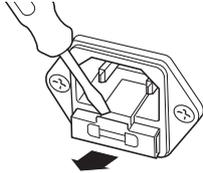
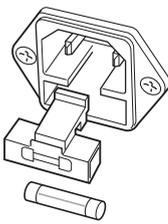


Using the wrong cleaning materials may damage the delicate surface of the case.

- If possible, only use plain water without any additives. In case of stubborn marks, a mild soap solution may be used.
- In no circumstances should caustic cleaning products, white spirit, thinners, petrol or similar be used for cleaning.

Troubleshooting

The following advice should help you to solve problems. If this doesn't work, please contact our hotline (see page 3). Take note of the warranty instructions.

Problem	Possible cause	Solution
The subwoofer isn't working.	The subwoofer is off or doesn't have any power.	Turn on the switches 9 and 6 ("On"). Check the power cord and socket.
	Fuse defective.	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>1. </p> <p>Disconnect the power cord. Carefully pull the fuse holder out of the mains connection.</p> </div> <div style="text-align: center;"> <p>2. </p> <p>Push the old fuse down and out. Insert a new fuse (2 A delayed action) and push the holder back.</p> </div> </div>
The subwoofer hums.	The volume has been set too low.	Increase the volume with the control 3 .
	The subwoofer is connected to another circuit than the rest of the system.	Connect the subwoofer and AV receiver to the same circuit.
	The buzzing is caused by problems with the power supply.	Buy a line filter and connect both devices to it.
	The buzzing is caused by a multi-outlet power strip.	Use another multi-outlet power strip or connect the subwoofer directly to the wall socket. It may also help to insert the power plug the other way around.

Protection of the environment

Disposal of the unit



Used units must not be disposed of with household waste!

If the unit is no longer operational, every consumer is required by law to dispose of used devices separate from household waste, e. g. at a collection point run by the communal authority

borough. In this way, used devices can be recycled and waste materials disposed of in an environmentally friendly manner.

For this reason, electrical equipment is labelled with the displayed symbol.

Technical data

Model:	T 1000SW	T 2000SW
Operating voltage:	220–240 V~, 50/60 Hz/110–120 V~, 50/60 Hz	
Dimensions (W x H x D):	320 x 500 x 445 mm	380 x 600 x 485 mm
Net weight:	21.6 kg	26.3 kg

Technical changes reserved!



This product conforms with Council of the European Union guidelines 2004/108/EC and 2006/95/EC.

Teufel

For questions, suggestions or other issues please contact our customer service department:

Lautsprecher Teufel GmbH
Gewerbehof Buelowbogen - Ausgang D1
10783 Berlin (Germany), Buelowstr. 66

Tel.: 00800 200 300 400 (toll-free)
Fax: +49 (0)30-300 930 930
www.teufelaudio.com

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