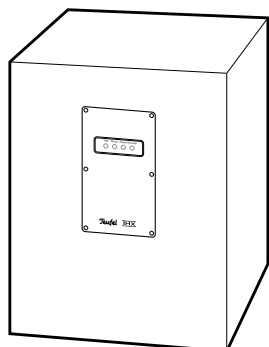


Technical Description and Operating Instructions



**Active subwoofer
S 8000 SW**

Teufel
... makes you happy

General notes and information

Proper use

Only use the unit as described in these operating instructions. Any other use will be deemed as not in accordance with the instructions and may lead to damage of 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 speakers 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.

Trademarks

® All trademarks are the property of their respective owners.



THX and the THX logo are trademarks of THX Ltd., which are registered in some jurisdictions. All rights reserved.

Notice

The information in this document may change without prior notice and in no way constitutes any liability on the part of Lautsprecher Teufel GmbH. No part of these instructions may be reproduced in any form or be broadcasted in any way electronically, mechanically, by photocopy or recording without the written permission of Lautsprecher Teufel GmbH.

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 a complaint we implicitly need your invoice number and the serial or lot number for processing. The serial number can be found on the back side of the device.

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 40 (free of charge)

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




E-mail: service@teufelaudio.com

www.teufelaudio.com


Safety notes

Caution icons

You will find the following caution icons in these instructions:


-  = **High risk!** Failure to observe the warning may result in severe personal injury or death.
-  = **Moderate risk!** Failure to observe the warning may result in property damage.
-  = **Minor risk!** Points which should be observed when handling the unit.

Danger Risk of electric shock!


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

- The device is suitable for use with a power supply voltage of 230 V~ / 50 Hz. When connecting, make sure that the right voltage is present. See the name plate for details.
- Check the unit regularly for damage. Immediately disconnect the power plug / the AC adapter plug and do not operate the unit if its housing or the supply cable is defective or exhibits other visible damages.
- 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.
- Set up the unit so that the mains plug is easily accessible and no vent slots are blocked.
- Never open the unit's housing. Repairs may only be carried out by an authorised specialist workshop. Only parts which conform with the original device specifications may be used for repairs. There are electrical and mechanical parts in this unit which are necessary in order to avoid exposure to sources of danger.
- Only use the accessory products specified by the manufacturer.
- Do not insert any objects through the vent slots in the housing.
- Only use the unit in indoor areas.
- Do not operate the unit in moist 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 objects have entered into the unit, immediately disconnect the mains adapter and if applicable, remove any batteries. Then send the device in to our service address.
- Never touch the power plug / the AC adapter plug with wet hands.

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 device or pull them off of the device (e.g. the batteries from the remote control, knobs or plug adapters). They could swallow the parts and choke.

Danger Risk of injury


-  An unstable base may cause the unit to tip and injure or even kill persons, children are particularly at risk. You can prevent many accidents by taking the following precautions.
- Only place the subwoofer on the floor.
 - If you want to use underframes or speaker stands, only use those recommended by the manufacturer.
 - When storing the product, also ensure that it stands safely and that it cannot be knocked down or over.




Danger to hearing!

- Loud noise may lead to hearing loss. Very high noise pressure may suddenly be emitted, especially if a 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 the volume control of your signal source 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.).

Danger 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.

Product contents

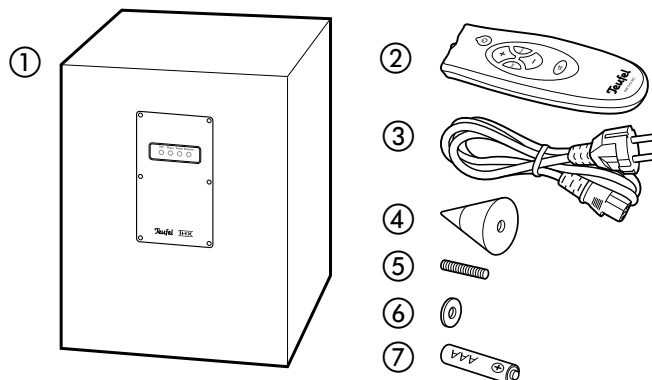
- ① 1 x S 8000 SW active subwoofer
- ② 1 x remote control
- ③ 1 x power cord for the subwoofer
- ④ 4 x spikes for the subwoofer
- ⑤ 4 x threaded bolts
- ⑥ 4 x washers
- ⑦ 2 x batteries for the remote control



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 device; instead contact our service department.



Technical data

Dimensions (WxHxD)	360 x 557 x 700 mm (with spikes)
Weight	41.7 kg
Operating voltage:	230 V~/50 Hz
Max. power consumption	1200 watts



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

Technical changes reserved!

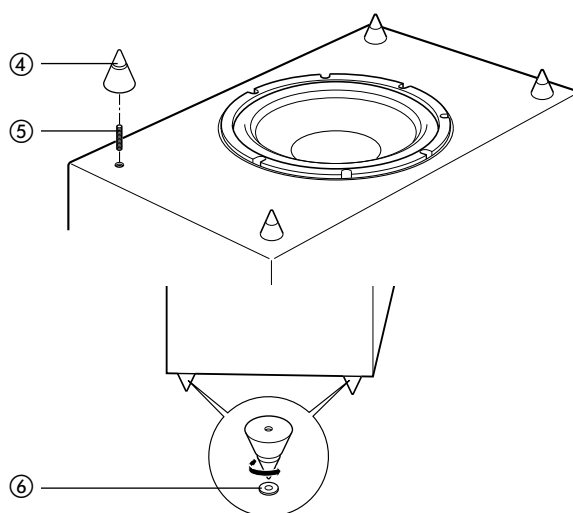
You can find further technical data on our website.

Preparation

Mounting the spikes

The spikes ensure that the subwoofer has a stable position, they also minimise vibrations and provide enough space to the floor for the subwoofer speaker.

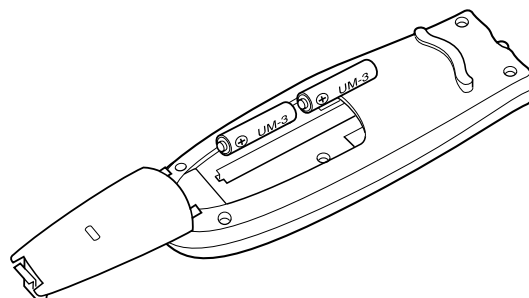
- Carefully turn the subwoofer over and place it on a soft, padded base.
- Screw the threaded bolts ⑤ into the spikes ④.
- Screw the spikes into the 4 threaded holes on the bottom of the subwoofer.
- In the event of soft or sensitive floors, place a washer ⑥ under each spike.
- The tips of the spikes may protrude somewhat in order to compensate for irregularities in the floor.
- Make sure that the subwoofer has a stable position to prevent vibrations.



Inserting batteries in the remote control

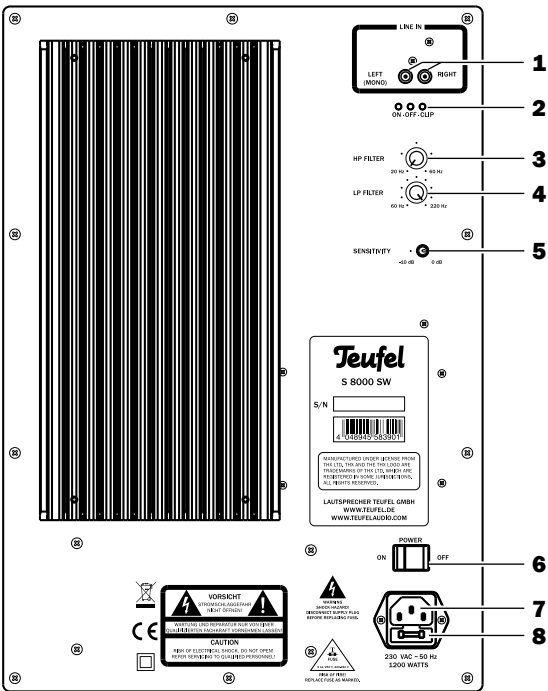
You will need two micro-type or AAA batteries with 1.5 Volt (included in the product contents) in order to operate the remote control.

- Push the small lever on the cover of the battery compartment on the back side of the remote control and remove the lid by lifting it off upwards.
- If applicable, remove the old batteries (please follow the notes on the reverse side).
- Insert the batteries in the battery compartment as shown in the figure.
- Place the cover back on the compartment and push it closed.



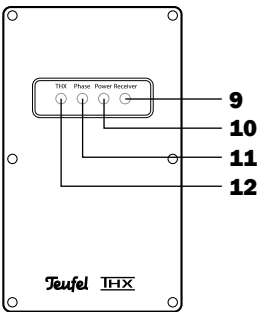
Control elements and connections

Subwoofer backside



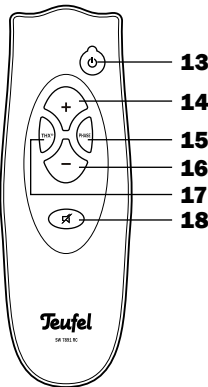
Item	Name	Description
1	Line In	Audio input jacks
2	On • Off • Clip	Power LEDs On: Subwoofer on Off: Subwoofer off/overloaded Clip blinks: Input is overloaded Clip illuminated: Speaker protective circuit has been triggered
3	HP FILTER	High pass filter
4	LP FILTER	Low pass filter
5	SENSITIVITY	Sensitivity
6	POWER	Mains switch
7	-	Connector jack for power cord ⑤
8	-	Mains fuse

Subwoofer front side



Item	Name	Description
9	Receiver	Infrared receiver for remote control
10	Power	Power LED: Red = Standby, Green = Operation
11	Phase	Green = Phase shifting active
12	THX	Red = Volume corresponds to THX requirements

Remote control



Item	Name	Description
13	Power	Turn the subwoofer on or to standby
14	+	Increase subwoofer volume
15	Phase	Activate/deactivate phase shifting (180°)
16	-	Reduce subwoofer volume
17	THX®	Set the subwoofer volume to the THX level
18	Mute	Mute the subwoofer

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 a room as this may cause uncontrollable frequency overloads. A location between the front speakers is often ideal.

Connecting

Danger Danger of injury/damage!

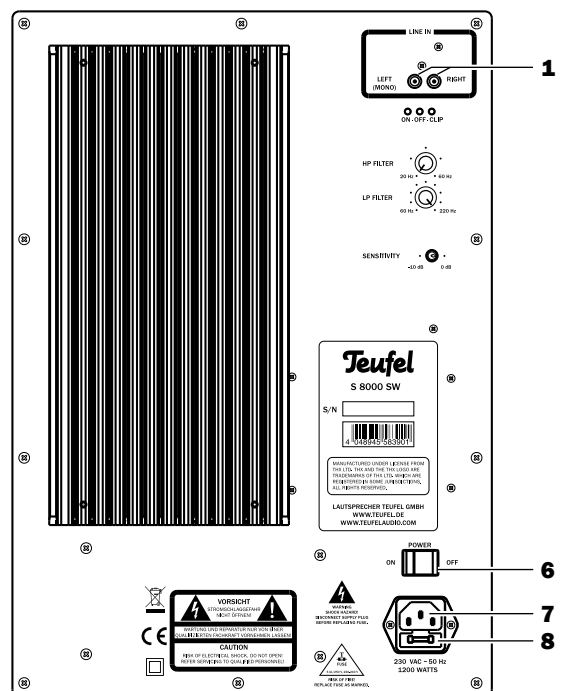
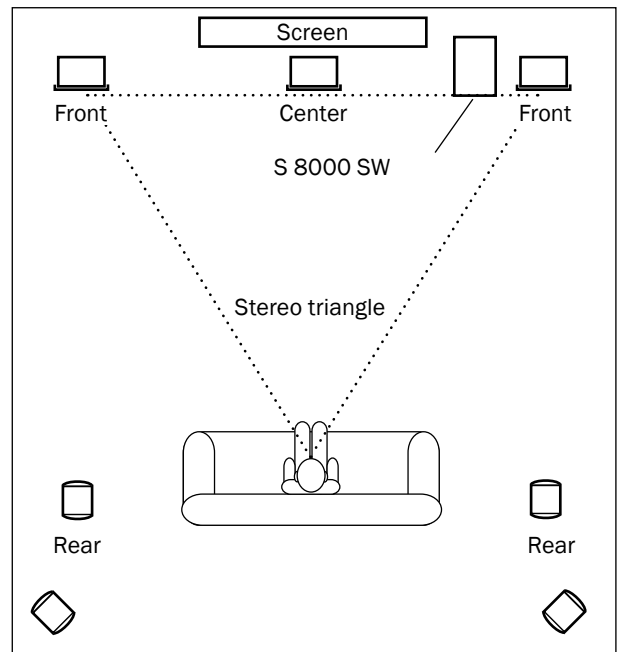


Arrange the cables so that they do not pose a trip hazard.

- Pull the mains plug of your AV receiver out of the socket.
- Ideally, the subwoofer is connected to the subwoofer jack of the AV receiver with a mono RCA cable.
- Normally, only the RCA jack **1** "LEFT MONO" on the back side of the subwoofer is used for this purpose.
- The RCA jack **1** "RIGHT" is only occupied if you use a Y adapter for the connection. This increases the subwoofer level slightly.
- You will find more information on this in the operating instructions of your receiver.
- If your receiver does not have a connection for a subwoofer, connect an available speaker outlet with an RCA jack **1** of the subwoofer using a voltage reducer and an RCA cable. We offer voltage reducers on our website in the "Accessories" area.

Connection to a power supply

- Ensure that the mains switch **6** "Power" on the subwoofer is switched off ("O OFF" position).
- Connect the mains connector jack **7** with a mains socket using the power cord.
- Also plug the mains plug of your AV receiver back into the socket.



Adjusting

Adjustable AV receiver

Most AV receivers feature a menu with speaker settings (referred to as “Speaker Setup” or similar). In this case, you should make the following settings:

- “Subwoofer” to “on”
- Crossover frequency for subwoofer to 80 Hz
- Subwoofer volume to more than 75 %

Set the subwoofer volume to the THX level. For this, push the button **17** “THX” on the remote control while the subwoofer is on. The display **12** “THX” illuminates in red.

These settings ensure that the subwoofer is used optimally and you can do the final fine tuning via the automatic calibration function or the menu of your AV receiver.

Non-adjustable AV receiver

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.

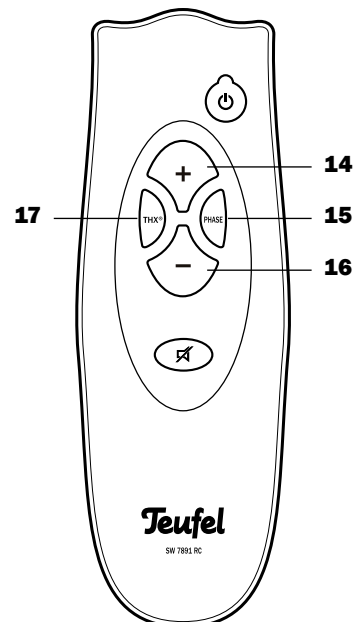
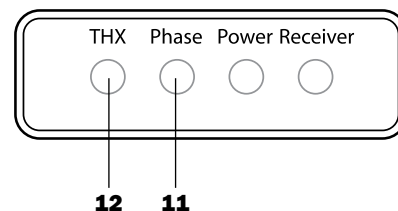
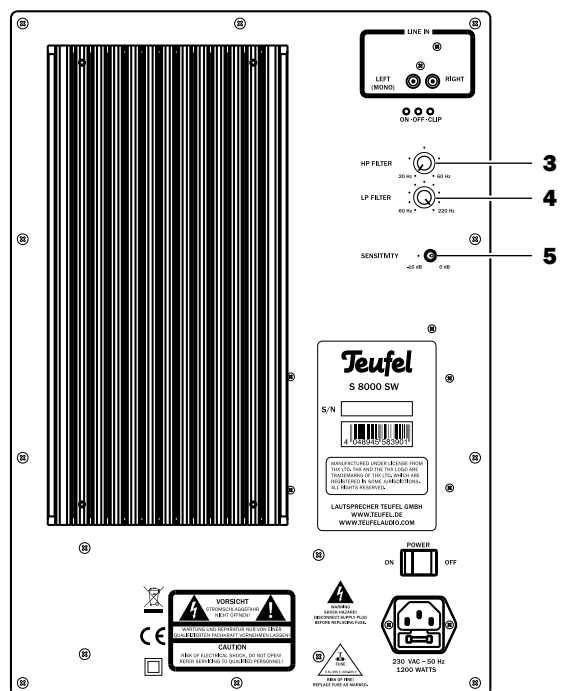


Note

The setting elements on the back side of the subwoofer only work when THX mode is turned off (the display **12** “THX” is off).

- Set the separation frequency with the control **4** “LP FILTER” to approx. 80 Hz (second dash). This way, you specify that the subwoofer only plays sounds up to this frequency (adjustment range: 60–220 Hz).
- With the control **3** “HP FILTER” you can block low frequencies (adjustment range: 20–60 Hz).
- With the switch **5** “SENSITIVITY”, soft signal sources can be amplified by 10 dB (switch setting: left).
- Once you have set the best sound, switch phase shifting on and off several times with the button **15** “Phase” (display **11** “Phase” is green). Then select the setting at which the subwoofer sounds as loud and precise as possible.
- Optimise the settings with other CDs/DVDs and different volumes.

Ideally, you will hear the system with a volume of 80–85 dB SPL. As a result, quiet passages will still be audible and loud passages will not be detrimental to hearing. At best, you should use a sound level meter for determining the volume, which you can purchase in our webshop.



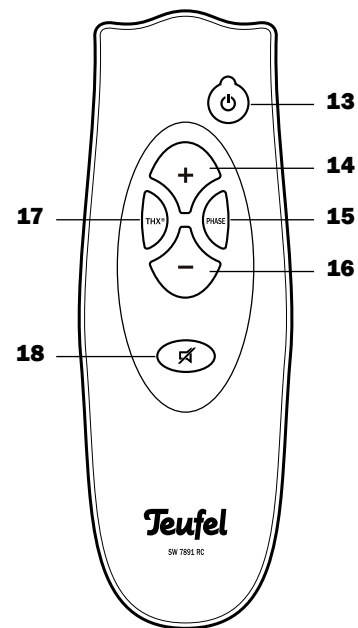
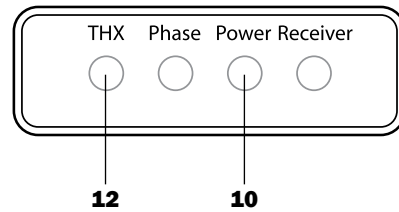
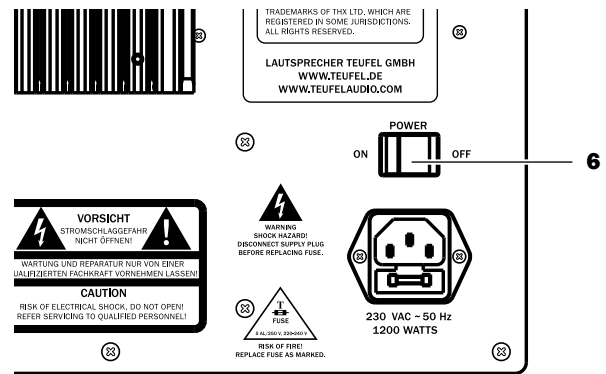
Subwoofer

Activating and deactivating

- With the switch **6** "Power" you can turn the power supply on or off. After turning on, the subwoofer is in standby and the power LED **10** "Power" is illuminated in red. If the subwoofer is on, the power LED **10** "Power" will be illuminated in green.

You can control all other functions with the remote control:

- Switch on and to standby: Push the button **13** "⏻".
Note: If the subwoofer is not deactivated with the button **13** "⏻", it will automatically switch to standby if no audio signal is present for 20 minutes. As soon as an audio signal is sent, the subwoofer will automatically activate for music playback.
You can exit this auto-on mode by switching the subwoofer to standby with the button **13** "⏻".
- Increase the volume: Push the button **14** "+".
- Decrease the volume: Push the button **16** "-".
- Set the volume to THX level: Push the button **17** "THX", the display **12** "THX" is illuminated in red.
- Mute the subwoofer: Push the button **18** "⏻". The power LED **10** "Power" flashes in green.
- Turn the sound back on: Push the button **18** "⏻" again or adjust the volume.



Cleaning and care

Clean the subwoofer regularly with a soft, damp microfiber cloth. Please be absolutely sure to observe the following notes in the process:

- If possible, only use plain water without any additives. In case of stubborn marks, a mild soap solution may be used.

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!

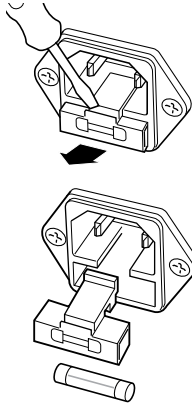


Using the wrong cleaning materials may damage the delicate surface of the case.

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 notes and further detailed **information on our website** should help you to rectify malfunctions. If this does not lead to success, please contact our hotline ☎ 00800 - 200 300 40 (free of charge). Please also observe the warranty notes.

Problem	Possible cause	Solution
The subwoofer isn't active, the operation display 10 is not on.	The subwoofer is off or doesn't have any power.	Activate the switch 6 ("On I"). Check the power cord and socket.
	Fuse is defective.	Replace the fuse: Disconnect the power cord. Carefully pull the fuse holder 8 on the mains connection jack 7 out. Push the old fuse down and out. Insert a new fuse (2 A time-lag fuse). Close the holder. 
The subwoofer is not working, but the operation display 10 is on.	The volume has been set too low.	Increase the volume with the button 14 .
The subwoofer hums.	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 multiple socket.	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.

Protecting 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 separately from household waste, e.g. at a collection point run by the communal authority borough. In this way it is ensured, that used devices are properly recycled and that negative consequences on the environment are avoided. For this reason, electrical equipment is labelled with the displayed symbol.

Batteries and rechargeable batteries



Batteries and rechargeable batteries must not be disposed of with household waste!

Every consumer is required by law to bring all batteries and rechargeable batteries, whether they contain harmful substances*) or not, to a collection point run by the communal authority or borough or run commercially, so that they can be disposed of in an environmentally friendly manner.

Please only hand in fully discharged batteries and rechargeable batteries!

*) labelled with: Cd = cadmium, Hg = mercury, Pb = lead

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